



ACADEMY OF FINLAND

SEPTEMBER CALL

1–30 September 2015

The Academy of Finland funds cutting-edge and innovative research aiming at scientific breakthroughs and supports the utilisation of the results of that research. We are Finland's leading expert organisation in science and science policy. In that role, we focus on strengthening the position of science and research.

Our funding is based on open competition and independent peer review. We are also committed to promoting equality in research and open science.

Read more about us on www.aka.fi/en.



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AT-A-GLANCE GUIDE TO APPLYING

When?

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

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

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

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

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

What?

The Academy's funding opportunities are presented on our website under [Our funding opportunities](#).

How?

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

- 1) [call texts](#) for our main calls, describing all available funding opportunities
- 2) [guidelines on how to draft and submit applications](#)
- 3) [guidelines on how to draft appendices](#) (structure and length)
- 4) [programme memoranda](#) for research 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 also publish a "What's new" summary describing any new and revised guidelines for that particular call.

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



1 GENERAL GUIDELINES

1.1 FOR APPLICANTS

Who is eligible to apply?

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

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

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

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

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

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

What does the funding cover?

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

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

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

In calls implemented under the full cost model, Academy funding can be used to cover both direct project costs (e.g. direct salaries) and indirect costs (e.g. costs for premises). Both types of costs are covered with the same percentage. Read more on



our website under [Full cost model](#).

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

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

Support to international researcher mobility

The Academy also funds international researcher mobility. *The mobility allowance, applied for as a research cost for the project* (e.g. Academy Projects, projects within research programmes, targeted projects, research costs in research posts), *no longer depends on the target country or the duration of the stay*.

We support international mobility:

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

Read more in Appendix 5 of the September 2015 call for applications and on our website under [Calculation of support to international researcher mobility](#).

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

Salary costs of principal investigator

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 can, with certain limitations, be incorporated into the total project costs (see below).

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

The salary costs of the PI can be incorporated into the total project costs in accordance with what is stated in the research plan. **The PI's tasks must be clearly described** in the research plan (section 6, *Implementation*). In the application,



indicate the salary under *Project funding, Salaries*.

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

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

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

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

The well-substantiated reasons and the PI's tasks must be clearly presented in the research plan (section 6, *Implementation*). In the application, indicate the salary under *Project funding, Salaries*.

3 Granting salary funding to PI with no employment relationship

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

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

Calls by the Strategic Research Council follow different principles.

Individual project or consortium?

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

In calls that concern Academy Project funding, research programme funding and targeted funding, principal investigators apply for funding **for their research teams**. Any research collaboration is described in the research plan of each application. In these cases, we treat each application as a separate application.

In calls intended for research teams, funding may also be applied for by a **consortium composed of research projects**. A consortium is a fixed-term body of independent subprojects that work under a joint research plan with a view to generating greater scientific added value through systematic collaboration than through normal collaboration. The scientific added value of the consortium must be described in the research plan. The consortium subprojects may work at different sites (e.g. at different universities or at different departments of the same university)



and vary in size. The consortium's cost estimate and funding plan must be as realistic as possible.

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

The technical process of submitting a consortium application will change as of the September 2015 call. The consortium application is submitted by the consortium PI only after all subprojects have completed their applications. The set call deadline also applies to consortium applications. The composition of a consortium cannot be changed after the deadline. Consortium PIs should check the status of the application in the Academy's online services to make sure that the subprojects complete their applications in good time.

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

Strategic Centres for Science, Technology and Innovation

Based on information available in June 2015, the format for the activities of the Strategic Centres for Science, Technology and Innovation may change. It is also possible that Tekes' funding for strategic centres will be gradually discontinued. Information on how this will perhaps affect the Academy of Finland's funding will be posted on the Academy's website as it becomes available.

The Academy's funding opportunities promote leading-edge scientific research at Strategic Centres for Science, Technology and Innovation (Finnish acronym SHOK).

The research may be either directly affiliated with a specific centre or scientific research that serves a centre's thematic area. If your research plan is tied in with a thematic area of one or several strategic centres, please follow the guidelines below.

When submitting your application, select on the list in the online services the strategic centre with whose thematic area the research is affiliated.

1. If the application is **directly affiliated** with a strategic centre, attach a statement issued by the centre:
 - confirming the project's affiliation with the centre
 - describing the project's role in and significance to the centre's operations
 - describing the form and contents of the collaboration between the project and the centre.
2. If the application is not directly affiliated with a strategic centre, but it **has relevance** to the centre's thematic area, justify this in the research plan.

The applications are reviewed in line with the Academy's general practices and criteria. Read more on our website under [Review criteria](#) and [Strategic Centres for Science, Technology and Innovation](#) as well as at www.shok.fi/en.

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

Our funding is based on a scientific review of research plans and applicants. We mainly use foreign experts as reviewers. You have the right to submit your application



in Finnish or Swedish, but **we ask you to submit it in English** in order to:

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

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

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

Calls by the Strategic Research Council follow separate review principles.

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

Guidelines on required appendices

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

For guidelines on how to draft appendices, see [Appendices required](#) on our website (e.g. [Research plan guidelines](#), [Curriculum vitae guidelines](#) and [Guidelines for list of publications](#)).

Curriculum vitae

We ask that applicants draft their CV in accordance with the [guidelines of the Finnish Advisory Board on Research Integrity](#) and the [guidelines of the Academy](#), taking into account the nature of the call, the research career stage and the practices of the scientific discipline. The guidelines help in drafting a CV so that it presents the researcher's most important scientific merits briefly and concisely. As of the September 2015 call, we recommend that CVs be no more than four pages long.

Research plan

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

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

Open science

We require that Academy-funded projects are committed to open access publishing. We urge projects to make their research data and methods freely available. The



application must include, as part of the research plan, both a publication plan and a data management plan. Read more in Appendix 6 (*Open science*) of the September 2015 call for applications.

Research ethics

The ethical issues of the research must always be described in the research plan; they are reviewed as part of the scientific review. The **ethical issues and duties** to be considered at the application stage are listed on our website under [Ethical guidelines](#). We require that all Academy-funded research is conducted following [the guidelines of the Finnish Advisory Board on Research Integrity](#), including [the recommendations on ethical review in human sciences](#).

Mobility plan and partners, use of infrastructures

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

In the application under *Mobility*, describe how the project's researchers will be mobile in Finland and abroad during the funding period. The mobility must support the project. If applying for funding for a research post as Postdoctoral Researcher or Academy Research Fellow, also account for previous mobility (*Previous mobility*).

In addition (under *Partners*), describe how other Finnish or foreign researchers working with their own funding will contribute to the project.

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

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

1.2 FOR SITES OF RESEARCH

Terms and conditions of funding

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

The Academy allocates the funding to the researcher's host organisation. Grants for research abroad (mobility grants) may also be allocated directly to the researcher.

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



Staff to be hired with Academy research funding must have an employment relationship with the site of research or the organisation receiving the funding.

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

Co-funding, full costing and additional cost model

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

In your application, you must include a funding plan in accordance with the full cost model, including the amount of funding to be applied for from the Academy. Draft the online application so that the Academy's contribution to funding comes to no more than the percentage indicated in the call text.

In calls where cost calculation follows the principles of full costing, the Academy's contribution usually comes to no more than 70% of the total costs

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

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

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

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

Commitment by site of research

The Academy will fund a research project only if the application includes a commitment by the site of research. You must agree on this commitment **in advance** with a representative of the site of research. After the call has closed, we will request the commitment by the site of research from the person indicated in the application.



Read more on our website under [Commitment by site of research](#).

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

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

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

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

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

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

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

A prerequisite for Academy funding is that both the applicant and the site of research commit to the guidelines issued by the Finnish Advisory Board on Research Integrity on [responsible conduct of research and procedures for handling allegations of misconduct in Finland](#).

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

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

How applications are submitted and become pending

Applications for the Academy of Finland's September 2015 call can be drafted and submitted in the online services as of Tuesday 1 September 2015. The non-



negotiable deadline for applications is Wednesday 30 September 2015 at 16.15, unless the call text indicates otherwise. Please note that consortium PIs can submit the consortium application only after all consortium subprojects have completed their applications. International calls may have other deadlines. To ensure smooth drafting and submission, please submit your application as early as possible.

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

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

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

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

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

Supplementing the application

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 resubmit the revised application by the set deadline. The resubmitted application will replace the earlier version.

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

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

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

Applications are public documents

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.

Public project description

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

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

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

1.4 INFORMATION ON DECISIONS

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

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

1.5 HOW TO RECEIVE THE 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, after which the system will notify the funding to the finance administration of the site of research, whereupon the funds will be made available for use.

The funds can be paid only after both the applicant and the representative of the site of research have accepted them as received.



Funding open for application in September 2015

2 FUNDING FOR RESEARCH PROJECTS

2.1 ACADEMY PROJECT FUNDING, ALL RESEARCH FIELDS

Aim

Academy Project funding is the Academy of Finland's key funding opportunity, designed to promote the quality and diversity of research and its capacity for renewal. The funding provides researchers with an opportunity to carry out scientifically ambitious research, to achieve new breakthroughs and to engage in high-risk research.

The aim is to attain internationally as high a scientific standard of work as possible and to strengthen the creativity, effectiveness and impact of research. 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 their research, for example, so that a researcher hired to the project works abroad for a fixed period. The project may also hire a foreign researcher who already works or will work in the Finnish scientific community.

We also encourage researchers to draft ambitious research plans that cross discipline boundaries and aim at scientific breakthroughs.

Who is eligible to apply?

The leader of an Academy Project (the principal investigator, or PI) **must have the qualifications of a professor or docent.**

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

Funding

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

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

See Appendix 2 of the September 2015 call for applications for the average Academy Project funding granted in spring 2015. Please note that the cuts being made to the



Academy's budget authority may result in a reduced size of individual funding decisions.

Funding period

As a rule, the funding is granted for four years, starting on 1 September 2016.

Special conditions and restrictions

Academy Project funding is primarily intended towards the salaries of researchers who work full-time on the project and for other project costs. For guidelines on the PI's salary, see page 4 of the September 2015 call for applications.

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 for this reason will not be eligible for funding.

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

In the September 2015 call, however, a PI who has an ongoing project with Academy Project funding ending on 31 December 2016 can be granted Academy Project funding as of 1 September 2016.

The PI of a Centre of Excellence (CoE) – or any other researcher affiliated with a CoE – is eligible to apply for Academy Project funding only during the second three-year term of CoE funding. Thus, researchers in the 2014–2019 CoE programme cannot apply for Academy Project funding in the September 2015 call. Applicants who have participated in earlier CoE programmes should check with the call's contact person to see if they are eligible to apply.

Appendices

The required appendices are listed in Appendix 1 A of the September 2015 call for applications.

How to apply

The non-negotiable deadline for applications is 30 September 2015 at 16.15. The deadline also applies to consortia. Draft the application in [the Academy's online services](#). Select *Open calls* > **Academy Project funding**.

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



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

Contacts

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2.2 TARGETED ACADEMY PROJECT FUNDING

Targeted Academy Project funding is like normal Academy Project funding but with predetermined targets for funding. The Board of the Academy of Finland or the Academy's research councils may decide to direct funding to specific areas, considering objectives such as strengthening a particular discipline (e.g. as a result of a discipline or research field assessment), securing breakthrough research, and promoting the internationalisation of research.

The funding can be targeted at, for example, international calls for joint projects (based on international agreements), ERA-NET calls and any other research field, problem, method development or networking that is deemed important.

As a rule, the guidelines for Academy Project funding also apply to targeted Academy Project funding. However, the call texts may include additional instructions. Participation in a targeted call does not inhibit the submission of a simultaneous application to another call, provided that the research plans are different. Applicants affiliated with a Centre of Excellence should check with the call's contact person to see if they are eligible to apply.



2.2.1 ICT 2023 PROGRAMME: FIFTH THEMATIC CALL, INFORMATION SECURITY, LETTERS OF INTENT

The Academy of Finland and Tekes, the Finnish Funding Agency for Innovation, are committed to implementing the research, development and innovation programme ICT 2023. According to a report by the ICT 2015 Working Group (Paths to a Frictionless Finland), the aim of the ICT 2023 programme is to improve Finland's scientific expertise in computer science and digital content development. The programme brings together universities, research institutes, business companies and funding bodies.

The Academy and Tekes have agreed to open parallel calls under the programme's themes. The theme of the fifth thematic call is **Information Security**.

The contents and aims of the call are described in more detail in the memorandum that will be posted on our website before the call opens. Tekes will launch a parallel call for business companies under the same theme and with the same deadline. More information on that call is available on Tekes' website.

Besides scientific quality, the review of applications will focus on the following:

- international cooperation
- business collaboration
- cross-sectoral mobility by leading-edge researchers
- use of universities' and research institutes' own resources to carry out research.

Who is eligible to apply?

Academy funding can be applied for by individual research projects and consortia composed of two or several research teams. Applicants can only submit one application to this call.

Funding period

The funding is granted for two years. As a rule, the funding period will start on 1 July 2016. The Academy's preliminary funding budget is a total of 5 million euros.

Memorandum

The memorandum of the thematic call contains more detailed information on the call's backgrounds, aims, thematic areas and review criteria. The memorandum will be available on our website (www.aka.fi/ict2023 > EN) by the launch of the call at the latest. Carefully reading through the memorandum ensures that you are able to submit a competitive application.

Appendices

The required appendices are listed in Appendix 1 B of the September 2015 call for applications. In addition, applicants must append to their application a collaboration



plan if the project involves collaboration with companies. See the memorandum for guidelines on how to draft the collaboration plan.

How to apply

The call has two stages. Please note that the non-negotiable deadline for letters of intent is **29 October 2015** at 16.15. Draft the application in [the Academy's online services](#). Select *Open calls* > **ICT 2023: Information Security 2015, letters of intent**.

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](#).

Based on the plans of intent, the Academy will decide which projects will proceed to the second stage. Those selected to the second stage will be asked to submit full applications in the Academy's online services by 1 April 2016 at 16.15. The deadline is non-negotiable. Applicants may be invited for interviews during the review process.

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

Contacts

- Senior Science Adviser Juha Latikka (Natural Sciences and Engineering Research Unit), tel. +358 295 335 058
- www.aka.fi/ict2023 > EN

2.2.2 FUNDING FOR DEVELOPMENT RESEARCH

This call, scheduled to open in September 2015, depends on the funding available from the Finnish Ministry for Foreign Affairs. For up-to-date information on the status of the call, please see our website under [Apply now](#).

Aim

The Academy of Finland and the Finnish Ministry for Foreign Affairs fund problem-oriented and multidisciplinary development research (on developing countries).

In development research, the problems to be studied may derive from the local as well as the global level, or from a search for and analysis of the connections between development phenomena at different levels.

Development research describes and interprets dimensions of development, helps understand obstacles to development and finds ways in which those obstacles can be removed. In practical terms, the aim is to produce knowledge that can help solve problems related to, for example, health, natural resources, the economy and



education. Knowledge is also needed about how international, national and cultural systems work and about the limitations that these systems present to and the opportunities they offer for development. These lines of inquiry in development research are not mutually exclusive but complementary.

The overarching goal of Finland's development policy programme (Government decision-in-principle 16 Feb 2012) is the eradication of extreme poverty and securing a life of human dignity for all people in accordance with the UN Millennium Declaration Goals. Development policy is also a way to find solutions to other global challenges, such as the unsustainable use of natural resources and climate change.

In line with general development policy goals, the themes of the call are as follows:

- a democratic and accountable society that promotes human rights
- an inclusive green economy that promotes employment
- sustainable management of natural resources and environmental protection
- human development.

The research may also focus on other themes relevant to the objectives of the call and Finland's development cooperation and development policy goals, such as critical analysis of development policy and objectives, critical examination of development policy coherence and issues related to sustainable development in the natural economy, and the economy in general and in social terms. The funding may also be granted for research into themes of [the European & Developing Countries Clinical Trials Partnership \(EDCTP\)](#).

Applications for funding for development research are reviewed in line with the Academy's general criteria. They are also reviewed for their relevance to the scope of the call and the project's relevance to contacts with developing countries and to appropriate development policy. The applications must separately describe the impact and applicability of the expected research results.

After the funding has ended, the projects will submit a report to the Academy as well as information on publications and key results to the Ministry for Foreign Affairs.

Funding

The Academy's funding can be used to cover the same costs as in Academy Project funding (see section 2.1 in the September 2015 call for applications). In addition, funding may be granted for pilot studies and for the preparation of research projects together with researchers and research institutes based in developing countries. The projects should strive for active collaboration with researchers and research institutes in developing countries.

Research costs of research partners can also be compensated, either as outsourced services or by transferring part of the grant to be administered by the partner's site of research. If part of the grant needs to be transferred to another site of research (abroad), this must be indicated in the application.

If you are granted funding and need to transfer part of it to be administered somewhere else, your site of research must agree with your research partner on the



use of this discretionary government transfer. There is no need for such an agreement if the grant is administered by your own site of research.

Restrictions

PIs can simultaneously be granted both Academy Project funding and development research funding, provided that the projects concern different topics. If you have an ongoing development research project, you can be granted funding for another such project only for very compelling reasons.

Funding period

As a rule, the funding is granted for four years, starting on 1 September 2016 (planned schedule). The schedule depends on the funding available from the Finnish Ministry for Foreign Affairs.

Appendices

The required appendices are listed in Appendix 1 A of the September 2015 call for applications.

How to apply

According to current plans, applications can be submitted as of 1 September 2015. The non-negotiable deadline is 30 September 2015 at 16.15. The call depends on the funding available from the Finnish Ministry for Foreign Affairs. For up-to-date information on the call's status, please see [Apply now](#) on our website. Draft your application in [the Academy's online services](#). Select *Open calls* > **Funding 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](#).

Contacts

- Science Adviser Riitta Launonen (Culture and Society Research Unit), tel. +358 295 335 059

2.3 ACADEMY PROGRAMMES

2.3.1 INTERNATIONAL CALL FOR JOINT PROJECTS IN MINERAL RESOURCES RESEARCH: ACADEMY OF FINLAND AND NRF, SOUTH AFRICA, AND ACADEMY OF FINLAND AND CONICYT, CHILE

Aim

The Academy of Finland, the National Research Foundation of South Africa (NRF) and the Chilean National Commission for Scientific and Technological Research (CONICYT) have decided to launch a call for joint projects to promote international collaboration in mineral resources research. The call is affiliated with the Academy



Programme *Mineral Resources and Material Substitution* (MISU, 2014–2019). The theme of the call is research into primary mineral resources, materials efficiency and recycling. Applications should involve research into, for instance, the following areas:

- mineral exploration, deposits and utilisation
- mining processes and beneficiation methods
- water management and treatment in mining
- full utilisation of mineralisation and side streams
- energy efficiency
- social, economic and environmental impacts of mining
- economic use of rare earth elements
- recycling of valuable substances
- recycling-oriented design and manufacture
- smart mining, digitalisation, sensors and data management.

The aim is to support long-term and systematic research collaboration with a view to promoting the creation and strengthening of research networks between *Finland and South Africa* and *Finland and Chile*. Applications by Finnish researchers must involve collaboration with researchers from either South Africa or Chile. The call is not open to trilateral projects as Chile and South Africa do not have a cooperation agreement.

The projects to be carried out in Finland will be funded by the Academy, those to be carried out in South Africa by the NRF and those to be carried out in Chile by CONICYT. The funding agencies will fund only research that is carried out in their own country. The projects will be merged as part of the Academy Programme *Mineral Resources and Material Substitution* (MISU).

Funding period

Projects will be granted funding for a maximum of three years, starting on 1 March 2016.

The Academy of Finland is prepared to fund up to five projects with a total amount of 1.5 million euros. The goal is that the funding decisions will be made in 2015.

Who is eligible to apply?

The Academy's funding can be applied for by research projects that are engaged in international cooperation.

Review of applications

The Academy and the NRF will review the applications in line with their own practices. The Academy and CONICYT will organise a joint review. The funders will jointly decide on the projects to be funded.

Key review criteria:

- scientific quality and innovativeness of the joint research plan
- added value generated by the international research collaboration



Other review criteria:

- feasibility of the joint research plan
- competence and expertise of the researchers/research teams

Joint research plan

The PIs of all parties of an international joint project must submit a joint research plan to their national funding agency in line with the agency's guidelines. The costs must be justified and clearly described in the project budget.

The costs of the Finnish partner must be in line with the Academy's guidelines. To ensure successful collaboration, applicants should draft a sufficient budget for researcher travels. Applicants should also check for possible special conditions set by the NRF or CONICYT regarding research plans.

Appendices

The required appendices are listed in Appendix 1 C of the September 2015 call for applications.

How to apply

The non-negotiable deadline is 30 September 2015 at 16.15. Draft your application in [the Academy's online services](#). Select *Open calls* > **Joint projects (MISU): Academy of Finland and NRF or CONICYT**.

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](#). On the application, only enter the budget of the party applying for funding from the Academy. The individual budgets of all parties are entered in the research plan.

If the applicant is a Finnish consortium, see detailed instructions on our website under [Guidelines for consortium application](#).

Contacts

- Programme Manager Tuomas Katajarinne (Academy Programme Unit), tel. +358 295 335 067
- Programme Manager Tommi Laitinen (Academy Programme Unit), tel. +358 295 335 057
- www.aka.fi/misu > EN



3 FUNDING FOR RESEARCHERS

3.1 RESEARCH POST AS ACADEMY PROFESSOR

Aim

When applying for funding for a research post as Academy Professor you apply for funding for your own salary for up to five years. The aim is to facilitate full-time scientific research for internationally leading-edge researchers. Academy Professors are expected to greatly contribute to the progress of research and develop a creative research environment. Their duties include (without separate compensation) supervision of thesis and dissertation writers and teaching associated with the research, covering 5% of annual working hours.

At present, the Academy of Finland funds 42 five-year research posts as Academy Professor in the fields of the Academy's research councils. The number of Academy Professors varies depending on the funding periods. Our goal is to each year grant funding to eight new Academy Professors.

Who is eligible to apply?

The applicant is a researcher. Posts as Academy Professor are intended for leading-edge researchers for fixed-term, full-time research and related tasks. They pursue their research plans, supervise their team and provide guidance to junior researchers.

Funding

The salary funding is determined according to a salary of 8,900 euros/month. We also allocate funding for indirect employee costs (28%) and overheads (14.29%, i.e. the funding includes an overheads share of 12.5%).

Successful applicants can – having received the decision on their salary funding – submit a separate application for a grant for research costs to the relevant research council. This grant can cover research costs, salary costs of a research team, national and international collaboration, and mobility.

Funding period

The posts are filled for a maximum of five years at a time. A second appointment is possible only on the basis of successful activity and a competitive research plan. The funding starts on 1 January 2017 and ends on 31 December 2021 at the latest.

Two-stage call

This call has two stages. On the basis of letters of intent, the research councils decide who will proceed to submit a full application. The second-stage call is open 1 December 2015–13 January 2016. Full applications will be reviewed using international peer review. Decisions on who will receive funding and on the reserve list are made by the Academy based on the research councils' proposals.

Appendices

The required appendices are listed in Appendix 1 B of the September 2015 call for applications.



How to apply

The non-negotiable deadline is 30 September 2015 at 16.15. Draft your application in [the Academy's online services](#). Select *Open calls* > **Academy Professor, letters of intent**.

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

Contacts

Biosciences and Environment Research Unit

- Science Adviser Timo Sareneva, tel. +358 295 335 106

Culture and Society Research Unit

- Senior Science Adviser Hannele Kurki, tel. +358 295 335 052

Natural Sciences and Engineering Research Unit

- Senior Science Adviser Ritva Taurio, tel. +358 295 335 115

Health Research Unit

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

3.2 RESEARCH POST AS ACADEMY RESEARCH FELLOW

Aim

When you apply for funding for a research post as Academy Research Fellow you apply for funding for your own salary for a maximum of five years. The aim of the funding is to provide an opportunity for the best advanced researchers to develop their skills of academic leadership and to establish themselves as independent researchers.

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

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

Who is eligible to apply?

The applicant is a researcher with **3–9 years** of experience since PhD completion (degree certificate issued 30 Sep 2006–30 Sep 2012), 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).

Successful applicants will have been engaged in active scientific work and produced significant publications since gaining their doctoral degree. In the review, special attention will be paid to previous international or cross-sectoral mobility

Appendix 3 A of the September 2015 call for applications shows the success rates of applications for funding for research posts as Academy Research Fellow.

Funding

For salary

The funding towards the salary of an Academy Research Fellow is determined according to a monthly salary of 4,950 euros. In addition, the Academy allocates funding for indirect employee costs (28%) and overheads (14.29%, i.e. the funding includes an overheads share of 12.5%).

For research costs

Recipients of funding for research posts as Academy Research Fellow can – having received the decision on their salary funding – submit a separate application for a grant for research costs to the relevant research council. This grant can cover research costs, international collaboration and mobility, and setting up a research team. Read more on how the research councils grant funding for research costs in Appendix 3 B of the September 2015 call for applications. Guidelines are also available on our website under [Research councils](#) and from the contact persons.

Separate decisions will be made on the funding for the salary and research costs of Academy Research Fellows. **Those selected to a post** will be requested to separately submit 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 (section 6, *Implementation*). Full costing is applied to research costs.

Funding period

Research posts as Academy Research Fellow are filled for five years. The funding period is 1 September 2016–31 August 2021. The period can be changed only for special reasons (see above). A person can be granted Academy Research Fellow funding only once.

Research at EUI

The European University Institute (EUI) can receive one Academy-funded Academy Research Fellow at a time to carry out research at the EUI for 1–2 years. Funding for



this opportunity is applied for as part of the five-year research post as Academy Research Fellow. If you are interested in working at the EUI, please read about EUI research before applying and contact the Academy's EUI contact person (see below) when drafting your application. You need not append any separate invitation from the EUI to your application.

Restrictions

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

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

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

Appendices

The required appendices are listed in Appendix 1 A of the September 2015 call for applications.

How to apply

The non-negotiable deadline is 30 September 2015 at 16.15. Draft your application in [the Academy's online services](#). Select *Open calls* > **Academy Research Fellow**.

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

Contacts

Biosciences and Environment Research Unit

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

Culture and Society Research Unit

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

Natural Sciences and Engineering Research Unit

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



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

Health Research Unit

- Science Adviser Heikki Vilen, tel. +358 295 335 135
- Senior Science Adviser Aki Salo, tel. +358 295 335 104

Research at EUI (www.eui.eu)

- Science Adviser Tiina Forsman, tel. +358 295 335 013

3.3 RESEARCH POST AS POSTDOCTORAL RESEARCHER

Aim

The aim of the Academy of Finland's funding for research posts as Postdoctoral Researcher is to advance the professional competence of the most promising researchers who have recently completed their doctoral degree. Postdoctoral Researchers are encouraged to international mobility and collaboration as well as to national and cross-sectoral mobility. The three-year funding may include one or several mobility spells as well as funding to return to Finland. In principle, the projects must serve Finnish research and society or international 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 annual working hours should be spent on teaching or other tasks not directly associated with the research.

In the September 2015 call, the Research Council for Natural Sciences and Engineering invites applications especially in the following fields of engineering: energy engineering; mechanical engineering and manufacturing technology; medical engineering; process technology; construction and municipal engineering; and environmental engineering.

Who is eligible to apply?

The applicant is a researcher with up to **four years** of experience since PhD completion (degree certificate issued 30 Sep 2011–30 Sep 2015), or up to eight years if the degree has been obtained simultaneously with medical specialist training.

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

Funding

The total costs of a research post as Postdoctoral Researcher include funding for a 36-month salary, personal research costs and international and national mobility (e.g. travel and mobility allowance for a spell abroad). The recommended mobility allowances for spells abroad are presented in Appendix 5 A of the September 2015 call for applications. Funding is not granted for salary costs of other persons.



The applicant and the site of research must agree on the Postdoctoral Researcher's salary in advance. The salary to be applied for is primarily set according to [job grade 5 of the pay scale of teaching and research staff](#) (Finnish Union of University Researchers and Teachers), which means some 2,900–4,100 euros/month, depending on the researcher's experience and the pay levels at the site of research.

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 4 of the September 2015 call for applications for the average funding for Postdoctoral Researchers in the previous call. Please note that the cuts being made to the Academy's budget authority may result in a smaller number of funded posts than in previous rounds.

Funding period

The funding for research posts as Postdoctoral Researcher is granted for three years. The funding period is 1 September 2016–31 August 2019, and it can be changed only for compelling reasons (see above). A person can be granted Postdoctoral Researcher funding only once.

Special conditions and restrictions

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

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

Research at EUI or IIASA

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

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



Appendices

The required appendices are listed in Appendix 1 A of the September 2015 call for applications.

How to apply

The non-negotiable deadline is 30 September 2015 at 16.15. Draft your application in [the Academy's online services](#). Select *Open calls* > **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 item 6, *Implementation*), the Postdoctoral Researcher's monthly salary (excl. indirect employee costs) is entered together with a justification (by type of expenditure) for the estimated total project costs (incl. research costs).

Contacts

Biosciences and Environment Research Unit

- Science Adviser Mirkka Herranen, tel. +358 295 335 016
- Science Adviser Kyösti Lempa, tel. +358 295 335 144

Culture and Society Research Unit

- Science Adviser Tiina Forsman, tel. +358 295 335 013
- Science Adviser Siru Oksa, tel. +358 295 335 125

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)

- Science Adviser Tiina Forsman, tel. +358 295 335 013

Research at IIASA (www.iiasa.ac.at)

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

3.4 SPECIAL FUNDING FOR RESEARCHERS

3.4.1 FUNDING FOR CLINICAL RESEARCHERS

Aim

The Academy of Finland's Research Council for Health funds part-time research by researchers 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?

The applicant is a medical doctor with a doctoral degree working in clinical practice. Funding is not granted to full-time university researchers.

Funding

The funding towards salary costs is intended to support **part-time research** (20–50% of working hours) by clinical researchers. The applicant and the site of research must agree the salary in accordance with the pay system at the site of research.

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 2014 call, the average amount of funding granted for four years was 272,000 euros per researcher. The success rate was 21%.

Funding period

The funding is granted for a maximum of **four years**, starting on 1 September 2016.

Appendices

The required appendices are listed in Appendix 1 A of the September 2015 call for applications.

Restrictions

In the September 2015 call, funding can be granted to one and the same applicant only in one of the following funding opportunities:

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

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

How to apply

The non-negotiable deadline is 30 September 2015 at 16.15. Draft your application in [the Academy's online services](#). Select *Open calls* > **Funding for clinical researchers**.

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



In addition to funding towards salary costs, **the same application is also used to apply for funding for research costs**. The monthly salary of the clinical researcher (excl. indirect employee costs) and the working hours to be used for research are entered in the research plan under section 6, *Implementation*. The project's total costs (incl. estimated research costs) must also be justified. If needed, please contact the science adviser named below.

Contacts

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

3.4.2 FUNDING FOR INTERNATIONAL RESEARCHER MOBILITY BASED ON BILATERAL AGREEMENTS

Aim

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

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

Who is eligible to apply?

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

Funding

The mobility funding is either a personal grant or a research grant. Personal grants are paid directly to the researchers, research grants via the sites of research. The duration of the grant is 7–360 days. **The funding does not cover insurances**, so applicants must take out appropriate health 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 5 B (Mobility to Finland) and 5 C (Mobility from Finland) of the September 2015 call for applications. 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 2016. Grants can be awarded for a maximum of twelve months over a two-year period.

Review of applications

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



3.4.2.1. Mobility from Finland

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 2016. The National Natural Science Foundation of China (NSFC) covers the applicant's costs in China. The Academy of Finland's grant duration is no more than twelve months in total. This can be divided among several researchers.
- 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 2016. The CAS 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.
- 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 2016. 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.

See [China and Taiwan: funding for researcher mobility](#) on our website for more information.

Germany

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

The Academy 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. In addition to travel costs, the Academy covers the living costs as grants according to its own calculation model. Funding is available for 2016 and 2017. 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. Please note that the DAAD deadline for German applicants is 24 September 2015.

When drafting the online application please note the following:

- The PI is the applicant.
- The applicant must append the CVs and lists of publications of the project participants.
- The applicant 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 is placed on the following:

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

The decisions will be made in January 2016. The funding period is two years onwards from the decision date.

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 (may be 7–90 days)
- b) Grants are awarded for research and preparation of biotechnological research at universities and research institutes in India. The Academy of Finland's grant covers travel and living costs in India. The duration of the grant is 7–360 days.

The grants are primarily targeted at the following disciplines:

- advanced biotechnology: gene therapy, structural and functional biology with relation to genomics and proteomics
- medical biotechnology: drug development including vaccines, diagnostics
- food biotechnology: nutraceuticals
- agriculture biotechnology: transgenics and agrobiotechnics
- environmental biotechnology: bioremediation.

See our website under [India: mobility funding](#) for more information.



Japan

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

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

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

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

NB! The JSPS deadline for Japanese applicants applying for funding to organise Finnish-Japanese seminars is **8 September 2015**. Read more at www.jspss.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 2016 and 31 March 2017. 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 2016.

See our website under [Japan: researcher mobility, seminars](#) for more information.

Russia

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

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

See [Russia: mobility funding](#) on our website for more information.

South Africa

Grants are awarded for research at South African universities and research institutes. The primary aim is to support mobility that is related to the use of research infrastructures in South Africa.



See our website under [South Africa: mobility funding](#) for more information.

3.4.2.2. Mobility to Finland

India

Grants are awarded to invite Indian researchers of biotechnology or bioinformatics and related biosciences to Finland

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 2016 and 31 March 2017.

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 2016.

NB! The JSPS deadline for Japanese applicants applying for funding to participate in Finnish-Japanese seminars is **8 September 2015**. Read more at www.jsps.go.jp/english.

China/Taiwan

- a) Heads of Finnish research teams can apply for funding for 2016 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 support is primarily targeted at the following disciplines:
- low-temperature physics
 - functional brain imaging
 - communication engineering
 - naval architecture
 - biochemistry
 - biomedical science
 - biopharmaceutical science
 - epidemiology
 - intellectual property right
 - genome biotechnology ethics



The Academy of Finland will cover the round trip from place of residence in Taiwan to destination in Finland and travel costs in Finland related to the scientific programme of the visit. The grant also includes funds for accommodation. The maximum duration of the visit is one year. The application 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. Minimum duration of visit is one week; 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

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

Personal travel:

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

Grants for invitees:

- curriculum vitae for the invitee, indicating date of birth, highest academic degree and previous visits to Finland on grants or other funding
- 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 (e.g. rent for meeting premises, coffee, printing and mailing costs)

Participating in seminars:

- list of publications



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

How to apply

The non-negotiable deadline is 30 September 2015 at 16.15. Please note that the deadlines of some international funding agencies may expire earlier.

Draft your application in [the Academy's online services](#). Select *Open calls* > **Mobility from Finland** or **Mobility to Finland**.

The grant amounts are presented in Appendices 5 B (Mobility to Finland) and 5 C (Mobility from Finland) of the September 2015 call for applications. 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 (China incl. Taiwan, Japan, Russia and South Africa)
- Coordinator Marja-Liisa Liimatainen, tel. +358 295 335 063 (Russia)
- Science Adviser Ulla Ellmén, tel. +358 295 335 011 (Germany and India)



4 FUNDING FOR RESEARCH ENVIRONMENTS

4.1 SRC MATCHING FUNDS FOR HORIZON 2020

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

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

Funding

SRC matching funds can be applied for to compensate for funding shortfalls. Here, shortfall refers to the difference between the overheads percentage calculated using [the Finnish full cost model](#) and the indirect costs reimbursement calculated using the Horizon 2020 model. The matching funds are granted according to a reimbursement rate decided by the SRC.

The application deadline is open-ended. The SRC's 2015 funding decisions will be made on 7 December 2015 (tentative schedule). The SRC's matching funds budget has been set at 3 million euros. The funding will be granted according to a separately agreed, consistent rate covering no more than 75 per cent of the funding shortfall. The reimbursement rate will be decided in proportion to available funds and the total funding applied for. The minimum amount to be applied for is 7,500 euros.

The funding is allocated to the site of research – not the project – to cover indirect costs (overheads). It cannot be used for economic activity.

Who is eligible to apply?

SRC matching funds can be applied for by research organisations, such as research services or financial administration units.

According to the EU Commission, a 'research organisation' refers to an organisation (e.g. higher education institutes, research institutes, technology transfer organisations, innovation intermediaries, and research-oriented physical or virtual collaborative entities), irrespective of its legal status (organised under public or private law) or financing source, 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. When such an entity is also engaged in commercial activities, separate accounts must be kept of the funding and costs of and the revenue generated by such activities. The enterprises exercising a controlling interest in such an entity (as shareholders, members, etc.) may not enjoy any preferential access to the results generated by the entity.

Funding period

Sites of research can apply for matching funds to cover the project's entire Horizon 2020 funding period. In 2015, however, the earliest start date for the Academy of



Finland's matching funds period is the date when the application has been submitted to the Academy. Because of the limits of the Academy's budget authority, the funding period ends no later than 31 December 2017. It is possible to apply for follow-on funding for subsequent periods, but that funding depends on whether the SRC has been granted additional budget authority.

SRC matching funds are intended for costs that are not covered by Horizon 2020. More information is available in [the Annotated Model Grant Agreement](#), a guide aimed at assisting Horizon 2020 beneficiaries. The funding is subject to an audit obligation. The recipient of matching funds must be prepared to, if necessary, show that the funds will not be allocated to any part of indirect costs funded by the EU Commission.

How to apply

Please note the application schedule. Sites of research can submit applications as soon as they have received the final, signed funding decision from the EU Commission. The application deadline is open-ended. In December 2015, the SRC will process all applications that have been submitted by 22 November at 16.15. Applications arriving after this date will be processed in later meetings.

If the project has already started, applicants should enter the funding period to start from the date when the application is submitted to the Academy of Finland's online services. In other cases, the start date should follow the date indicated in the decision by the EU Commission. Enter the end date of the funding period as 31 December 2017. The funding shortfall is demonstrated in a separate appendix to the application.

Draft the application in [the Academy's online services](#). Select *Open calls* > **SRC matching funds for Horizon 2020**.

Appendices

- EU Commission's final and signed funding decision (Horizon 2020, Societal Challenges)
- Calculation showing the funding shortfall (see [example](#))

Contacts

- Finance Manager Sirpa Nummila (Finance Unit), tel. +358 295 335 081 (as of 27 July 2015)
- Science Adviser Laura Kittinen (Strategic Research Unit), tel. +358 295 335 152 (as of 13 July 2015)
- Science Adviser Jussi Vauhkonen (Strategic Research Unit), tel. +358 295 335 153



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

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

The review of applications will follow the Academy's practices and criteria. The Academy mainly uses foreign experts as reviewers. **We therefore ask you to submit your application in English**, in order to:

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

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

The funding decisions will be made by the Ministry in spring 2016. The funding period can start as early as 1 January 2016. Due to the Ministry's decision schedule, however, the recommended start date is 1 May 2016.

Ministry policy

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

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

Restrictions

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

How to apply

The non-negotiable deadline is 30 September 2015 at 16.15. Draft your application in [the Academy's online services](#). Select *Open calls* > **Sport research funded by**



Ministry of Education, Science and Culture.

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

Contacts

- questions about the Ministry's funding (call objective, eligibility, restrictions, decisions, payment): Senior Advisor Kari Niemi-Nikkola, tel. +358 295 330 112, and Planning Officer Tiina Ahtiainen, tel. +358 295 330 058, [firstname.lastname\(at\)minedu.fi](mailto:firstname.lastname(at)minedu.fi)
- using the Academy's online services, simultaneous application: Senior Science Adviser Aki Salo (Health Research Unit), tel. +358 295 335 104



6 ADVANCE INFORMATION ON CALLS

The Academy of Finland's next main application round is in April 2016. The call for applications (in Finnish, Swedish and English) will be posted on our website in March. Applications can be submitted between 1 and 27 April 2016 (TBC).

Please note that calls within research programmes and international calls may open earlier. Applications may also be invited for other funding than indicated below.

The information below is preliminary. For open calls, see [Apply now](#) on our website (information on international calls is also available on the calls' own websites).

6.1 CALLS BY THE ACADEMY OF FINLAND

Competitive funding to strengthen universities' research profiles (PROFI)

The second PROFi call concerning competitive funding to strengthen universities' research profiles will open in autumn 2015. Applications can be submitted **between 21 October and 12 November 2015**. The call text will be posted at [Apply now](#) on the Academy of Finland's website approximately one month before the call opens. The funding decisions will be made in March 2016. The call is open to universities.

More information:

- Vice President for Research Marja Makarow, tel. +358 295 335 002
- Senior Science Counsel Anne Heinänen, tel. +358 295 335 021

Calls by the Strategic Research Council

See [our website](#) for information on funding by the Strategic Research Council (SRC).

More information:

- www.aka.fi/src
- Senior Science Adviser Tiina Jokela, tel. +358 295 335 046, and Senior Science Adviser Tiina Petänen, tel. +358 295 335 091

Targeted call: Antarctic research

The Academy of Finland is preparing a call in the field of Antarctic research for the years 2017–2020. The call will be targeted at all relevant areas of Antarctic research. The projects to be funded may also involve global or circumpolar research that cannot be conducted without Antarctic research data. The projects will be required to engage in international cooperation. The preliminary schedule is that the funding will be open for application in connection with the Academy's April 2016 call.

More information:

- [Finland's Antarctic Research Strategy \(2014\)](#)
- Science Adviser Anna Kalliomäki (Natural Sciences and Engineering Research Unit), tel. +358 295 335 035

Finland Distinguished Professor (FiDiPro) programme

The next call within the FiDiPro programme will possibly open in April 2016.



More information: Senior Science Adviser Hannele Kurki, tel. +358 295 335 052

6.2 INTERNATIONAL CALLS WITH THE ACADEMY AS FUNDING PARTNER

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

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.

The call is open **11 August–22 September 2015**. Applications are submitted according to NOP-HS' guidelines through the Swedish Research Council's grant application and management system Prisma. Applicants must create an account in Prisma as early as possible, because the processing time for approving new administrating organisations is approximately two weeks.

More information:

- www.nos-hs.org
- NOS-HS Secretary Anni Järvelin, Swedish Research Council, [anni.jarvelin\(at\)vr.se](mailto:anni.jarvelin(at)vr.se) (as of 3 Aug 2015)
- Science Adviser Otto Auranen (Culture and Society Research Unit), tel. +358 295 335 141

IIASA Young Scientists Summer Programme 2016

IIASA's annual Young Scientists Summer Programme (YSSP) offers research opportunities to talented young researchers whose interests correspond with IIASA's research on global environmental, economic and social change. Registration for the 2016 programme will open on **1 October 1 2015**. The closing date is **11 January 2016**. Successful Finnish applicants can apply for funding from the Academy of Finland to cover their expenses associated with participation in the programme.

More information:

- www.iiasa.ac.at
- Science Adviser Laura Kittl, tel. +358 295 335 152

Baltic Sea Research and Development Programme (BONUS)

BONUS EEIG is preparing a fourth call within the BONUS programme. If green-lighted by the BONUS EEIG Steering Group, the call will open in **Nov–Dec 2015**.

More information:

- www.bonusportal.org
- Science Adviser Kyösti Lempa (Biosciences and Environment Research Unit), tel. +358 295 335 144

ERA-NET Smart Urban Futures

ERA-NET Smart Urban Futures is preparing an international call to be opened in **December 2015**.



More information:

- Programme Manager Risto Vilkkö, tel. +358 295 335 136

EUI Doctoral Programme

The European University Institute (EUI) in Florence, Italy, opens annual calls for its four-year doctoral programmes within its four departments: History and Civilization, Economics, Law, and Political and Social Sciences. The EUI offers graduate students a unique opportunity to study in an international setting with a multidisciplinary approach. The next call will open in autumn 2015 and close in **January 2016**.

Successful applicants are expected to work on their doctoral dissertations during the programme. The EUI particularly supports international and comparative studies but the research need not focus on European history or society alone. The Academy of Finland provides grants to up to five Finnish doctoral candidates selected to study at the EUI.

More information:

- www.eui.eu and applyres@eui.eu
- Science Adviser Tiina Forsman, tel. +358 295 335 013

JPI More Years, Better Lives: Welfare, Wellbeing and Demographic Change

The Joint Programming Initiative More Years, Better Lives is preparing a joint project call in Welfare, Wellbeing and Demographic Change. It is possible that the Academy of Finland will participate in the call. The call will open in **January 2016** (TBC).

More information:

- www.jp-demographic.eu
- Science Adviser Tiina Forsman, tel. +358 295 335 013

ERANet-LAC: Biodiversity, Bioeconomy, Energy

The Network of the European Union, Latin America and the Caribbean Countries on Joint Innovation and Research Activities (ERANet-LAC) is preparing a call for joint projects aimed at EU and Latin American countries. The closing date is **26 February 2016** (TBC). It is possible that the Academy of Finland will participate in the call.

More information:

- www.eranet-lac.eu (after 30 Oct 2015)
- Science Adviser Satu Huuha-Cissokho, tel. +358 295 335 075

ERA-NET Cofund WaterWorks2015

The Joint Programming Initiatives Water JPI and FACCE JPI are planning an international call for joint projects, WaterWorks2015. The call will be implemented within an ERA-NET Cofund project. The theme of the call is "Research and innovation to support the implementation of water policies, in particular on sustainable water use in agriculture, forestry and fisheries, in order to increase water use efficiency and to reduce soil and water pollution". The call will most likely open in **spring 2016**. It is possible that the Academy of Finland will participate in the call.



More information:

- www.waterjpi.eu and www.faccejpi.com
- Science Adviser Kata-Riina Valosaari, tel. +358 295 335 128
- Science Adviser Harri Hautala, tel. +358 295 335 019

Inno Indigo ERA-NET

The Inno Indigo ERA-NET is preparing a European-Indian call for joint projects for **early 2016**. The call details will be published by the end of 2015. The participating funding agencies will agree the themes of the call. The Indian partner is the Department of Biotechnology of the Ministry of Science and Technology (DBT). It is possible that the Academy of Finland will participate in the call.

More information:

- <http://indigoprojects.eu/funding/indigo-calls>
- Science Adviser Hannele Lahtinen, tel. +358 295 335 055

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

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 next call will open in **early 2016**. The call dates will be confirmed at the end of October 2015.

More information:

- www.nos-hs.org
- Senior Science Adviser Päivi Messo (Culture and Society Research Unit), tel. +358 295 335 074

6.3 CALLS BY THE EUROPEAN UNION

ERC funding for researchers

The European Research Council (ERC) will most likely launch calls in July 2015:

- ERC Starting Grants (deadline November 2015)
- ERC Consolidator Grants (deadline February 2016)
- ERC Advanced Grants (deadline September 2016)

The ERC invites applications from all fields. Read more on [the ERC website](#).

More information:

- Science Adviser Maiju Gyran, tel. +358 295 335 015
- Science Adviser Hannele Lahtinen, tel. +358 295 335 055

Marie Skłodowska-Curie mobility funding

Within the EU's Horizon 2020 programme, researcher mobility is funded through Marie Skłodowska-Curie Actions (MSCA). Funding is available for the following:



- *research projects involving mainly two-year mobility* to any country for researchers with doctoral or Master's degrees with at least four years' full-time research experience (Individual Fellowships)
- *short-term international and intersectoral mobility* of research and innovation staff (Research and Innovation Staff Exchange)
- *networks* of universities, businesses and research institutes that implement international and innovative training programmes (Innovative Training Networks)
- extra financial support to research funding *programmes for doctoral candidates and postdoctoral researchers* (Co-funding of Regional, National and International Programmes).

More information:

- [MSCA website](#)
- MSCA national contact point, Science Adviser Satu Huuha-Cissokho, tel. +358 295 335 075

EIT Knowledge and Innovation Communities

To further enhance its impact and to incentivise innovation in new areas of societal challenges, the European Institute of Innovation and Technology (EIT) will be expanding its portfolio of Knowledge and Innovation Communities (KIC). In the first quarter of 2016, the EIT will launch a single call for the designation of two new KICs in the thematic fields of Added-Value Manufacturing (EIT Manufacturing) and Food4Future (EIT Food).

The application guidelines and selection criteria will be published by the end of 2015. The EIT will organise an information day about the call in early 2016.

More information:

- <http://eit.europa.eu>
- Vice President for Research Marja Makarow, Academy of Finland, tel. +358 295 335 002
- Senior Science Adviser Juha Latikka, Academy of Finland, tel. +358 295 335 058

Other Horizon 2020 calls

More information on Horizon 2020 calls is available from, for instance, these sources:

- [the Participant Portal](#)
- [Tekes' Horizon 2020 website](#)
- [national contact points](#).



APPENDICES

APPENDIX 1 A: APPENDICES TO APPLICATION

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

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

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

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

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

1 Research post, individual project or project collaboration applications

Obligatory appendices:

- research plan, no more than twelve pages
- CV for the applicant, no more than four pages (recommendation)
- list of publications by the applicant; clearly indicate the ten most important publications for the research plan
- Finnish degree certificate or English-language degree certificate of a doctoral degree obtained abroad (only in applications for funding for research posts as Academy Research Fellow or Postdoctoral Researcher)

Case-specific appendices:

- invitation by foreign university or research institute, if the research or part of it will be conducted abroad
- statement by an ethics committee or the Committee on Animal Experimentation; the ethical aspects must always be specified in the research plan
- progress report on all Academy-funded research projects headed by the applicant that have not submitted final reports
- statement by a Strategic Centre for Science, Technology and Innovation, confirming the application's affiliation with the centre and justifying the project's significance to the centre's operations



2 Consortium applications

Consortium applications can be considered only in Academy Project funding, targeted Academy Project funding and research programmes.

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:

- research plan drafted in line with [consortium guidelines](#), no more than 15 pages.

The following appendices are appended both to the consortium PI's application and to each subproject application:

Obligatory appendices:

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

Case-specific appendices:

- statement by an ethics committee or the Committee on Animal Experimentation; the ethical aspects must always be specified in the research plan
- progress report on all Academy-funded research projects that have 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 a single file
- statement by a Strategic Centre for Science, Technology and Innovation, confirming the application's affiliation with the centre and justifying the project's significance to the centre's operations

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



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:

- research posts as Academy Professor (first application stage)
- research programmes (first application stage).

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. Also make sure not to exceed the maximum length of appendices. Draft the appendices in English and append them to the application in the online services under *Appendices*. The only exception is the curriculum vitae, which is appended under *Personal data/CV*.

1 Letter of intent by Academy Professor applicant or by principal investigator of individual project in a research programme

- plan of intent, no more than four pages
- curriculum vitae for PI, no more than four pages (recommendation)
- list of publications by PI; clearly indicate the ten most important publications for the research plan

2 Letter of intent by research 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
- 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 1 C: APPENDICES IN INTERNATIONAL CALLS FOR JOINT PROJECTS

When an application is submitted within an international call for joint projects (which includes collaboration between Finnish and foreign research teams), it must include the appendices listed below. Here, a Finnish research team refers to a team based at a Finnish site of research.

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. Also make sure not to exceed the maximum length of appendices. Draft the appendices in English and append them to the application in the online services under *Appendices*. The only exception is the Finnish PI's curriculum vitae, which is appended under *Personal data/CV*.

In some international calls, we may also request other appendices, or the content of the requested appendices may differ from that indicated in the guidelines below. Any exceptions are mentioned in the call text under *Appendices*.

1 Application by a foreign research team and a Finnish research team

Obligatory appendices:

- research plan, no more than 15 pages, including:
 - a clear description of the proposed research and research collaboration (distribution of work and methods of implementation) and the added value to be expected from the collaboration
 - a joint budget, including separate budgets for both parties
 - a justification for the funding applied for
 - a description of any researcher training to be carried out within the project
 - a mobility plan detailing the project's national and international mobility plans during the funding period; describing the involvement of foreign researchers in the project; and explaining other ways in which the project transcends international, national, institutional and public/private sector boundaries
- curricula vitae for the Finnish applicant and the foreign partner; the CV for the Finnish applicant (no more than four pages) is appended under *Personal data/CV*
- lists of publications by the Finnish applicant and the foreign partner; in both lists, clearly indicate the ten most important publications for the research plan

Case-specific appendices:

- invitation by foreign university or research institute, if the research or part of it will be conducted abroad
- statement by an ethics committee or the Committee on Animal Experimentation; the ethical aspects must always be specified in the research plan
- progress report on all Academy-funded projects headed by the applicant that have not submitted final reports
- statement by a Strategic Centre for Science, Technology and Innovation, confirming the application's affiliation with the centre and justifying the project's significance to the centre's operations
- any other appendices indicated in the call text under *Appendices*



2 Application by a foreign research team AND a consortium of two or several Finnish research teams

In international calls for joint projects, applicants can consider submitting a consortium application only if their research team working in Finland, **in addition to a foreign partner**, has close collaboration with at least one other team working in Finland. As a rule, the Academy of Finland funds research at Finnish sites of research, while the foreign funding agency funds research in its own country. IN principle, foreign applicants are not regarded as consortium parties but as partners who will submit their own application to the agency in their own country.

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

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

Consortium PIs also append to their application **the curriculum vitae for and the list of publications by the foreign applicant**. Foreign applicants must clearly indicate the ten most important publications for the research plan. Foreign parties will not submit subproject applications.

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


APPENDIX 2: ACADEMY PROJECT FUNDING IN SEPTEMBER 2014 CALL, BY RESEARCH COUNCIL

Research Council	Applications		Funding (€)	
	Number of applications	Success rate (%)	Granted, spring 2015	Average amount ¹
Biosciences and Environment ²	227	16	19,117,000	531,000
Culture and Society ³	388	13	23,807,000	476,000
Natural Sciences and Engineering ⁴	513	16	37,719,000	444,000
Health ⁵	206	20	14,472,000	345,000

The table above 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.

¹ The average funding for consortium subprojects in spring 2015 was 307,000 euros. This average figure is based on the 73 consortium subprojects that received funding.

Research councils' comments on size of Academy Projects

² As a rule, the Research Council for Biosciences and Environment strives to keep the total costs of Academy Projects as they are entered in the applications. If the Research Council does make reductions, these are primarily targeted at large-scale projects.

³ In the September 2015 call, the Research Council for Culture and Society will grant a maximum of 600,000 euros per Academy Project and a maximum of 350,000 euros per consortium subproject.

⁴ In the September 2015 call, the Research Council for Natural Sciences and Engineering will grant a maximum of 700,000 euros per Academy Project (175,000 euros per year).

⁵ In recent years, the Research Council for Health has granted Academy Projects a maximum of 500,000 euros in funding.

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

Please note that the cuts being made to the Academy's budget authority may result in a reduced size of individual funding decisions.



APPENDIX 3 A: ACADEMY RESEARCH FELLOW FUNDING IN SEPTEMBER 2014 CALL, BY RESEARCH COUNCIL

Research Council	Academy Research Fellow applications	
	Applications Academy Research Fellow salary funding	Success rate, spring 2015 (%)
Biosciences and Environment	120	11
Culture and Society	156	13
Natural Sciences and Engineering	227	10
Health	89	12

Over the five-year term, the salary grant amounts to 434,485 euros per Academy Research Fellow. The grant includes fixed indirect employee costs and an overheads percentage in accordance with the additional cost model. In spring 2015, funding was granted to a total of 66 new research posts as Academy Research Fellow.

APPENDIX 3 B: RESEARCH COUNCILS' PRACTICES IN GRANTING FUNDING FOR RESEARCH COSTS OF ACADEMY RESEARCH FELLOWS

After receiving five-year Academy Research Fellow salary funding, researchers 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.

In recent years, *the Research Council for Biosciences and Environment* has granted research cost funding for new Academy Research Fellows on average 275,000 euros per three years and additional funding later on. The funding is decided on a case-by-case basis. For example, the Research Council may have decided not to grant funding for research costs if the Academy Research Fellow has had 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 has granted research cost funding to hire other researchers only if the project has justifiably required additional researchers from the very beginning. The Research Council can also grant Academy Project funding to those who have received funding for a research post as Academy Research Fellow.

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.

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


APPENDIX 4: POSTDOCTORAL RESEARCHER FUNDING IN SEPTEMBER 2014 CALL, BY RESEARCH COUNCIL

Research Council	Applications		Funding (€)	
	Number of applications	Success rate (%)	Granted, spring 2015	Average amount ¹
Biosciences and Environment	164	10	4,450,000	278,000
Culture and Society	350	9	7,586,000	253,000
Natural Sciences and Engineering	401	9	9,820,000	258,000
Health	152	12	4,835,000	269,000

Please note that the Academy's contribution to funding in these decisions (spring 2015) came to no more than 70% of the total costs. The amounts have been rounded to the nearest thousand.

¹ The funding granted includes both salary and personal research costs.

Please note that the cuts being made to the Academy's budget authority may result in a smaller number of funded posts than in previous rounds.



APPENDIX 5: CALCULATION OF SUPPORT TO INTERNATIONAL RESEARCHER MOBILITY 2015–2016

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 5 A of the September 2015 call for applications)
 - **as grants** to non-EU researchers coming to Finland on employment contracts shorter than a year (see Appendix 5 B of the September 2015 call for applications)
- with our funding opportunity [Funding for international researcher mobility based on bilateral agreements](#) as research grants or personal grants (see Appendix 5 B and Appendix 5 C of the September 2015 call for applications).

APPENDIX 5 A: CALCULATION OF MOBILITY ALLOWANCE IN RESEARCH PROJECTS

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

researchers without dependants: €1,050/month

researchers with dependants: €1,500/month

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

The allowance is applied for in the online services under *Other costs*. Travel 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 recommended by the Academy and form the basis of the funding decision.



APPENDIX 5 B: CALCULATION OF GRANTS TO FOREIGN RESEARCHERS WORKING IN FINLAND

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

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

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

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

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

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

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

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

The grants awarded 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 5 C: CALCULATION OF GRANTS FOR RESEARCHER MOBILITY (FROM FINLAND) BASED ON INTERNATIONAL AGREEMENTS

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

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

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

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

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

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

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

The grants take into account the grantee's obligation to take out pension, accident and life insurance. Read more under [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).



APPENDIX 6: OPEN SCIENCE – OPEN ACCESS PUBLISHING AND OPEN DATA

One of the Academy of Finland's science policy objectives is to promote open science. The Academy is also committed to promoting the practices outlined in [the Open Science and Research Roadmap 2014–2017](#) and to considering open science promotion in providing funding for research projects.

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

Open access publishing

The Academy of Finland is keen to stress the importance of quality in scientific publishing. We require that Academy-funded researchers make sure that publications produced with Academy funding are made openly available, where possible, by *storing parallel copies* in machine-readable formats in suitable repositories or databases. The publications should be available free of charge.

Articles can also be published in open access publication series, whereby the publisher is responsible for making the articles openly available. We recommend that researchers publish articles following either green or gold open access.

Green open access means that researchers publish their articles in traditional subscription-based scientific journals and deposit parallel copies in online open access repositories. The Academy does allow for an embargo period following the practices of international funders. The embargo is no more than six months, except in the humanities and social sciences where it is no more than twelve months¹.

Gold open access means that a publication is immediately provided in open access mode by the scientific publisher. In this case, the publisher may charge an open access fee (article processing charge). This fee may be included in the research costs of the project. A parallel copy of the article should also be deposited in an open access repository.

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

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

Open data

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. The plan should describe the following:

¹ [European Commission background note on open access to publications and data in Horizon 2020](#)



- how the project proposes to obtain and use its research data
- how the rights of ownership and usage to the data used and generated by the project are distributed
- how the data produced will be stored and subsequently made available
- how the data will be made available to other researchers both during the project and after the project has ended.

We recommend that principal investigators of Academy-funded research projects also store their research data and make them available through major national or international archives or storage services that are important in their own fields, such as:

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

More information on open science

- [Open Science and Research Initiative](#)
- open science databank: avointiede.fi/fi/tietopankki (in Finnish)
- open science glossary: avointiede.fi/fi/keskeinen-sanasto (in Finnish)
- [Open Science and Research Roadmap 2014–2017](#)
- [Finnish Social Science Data Archive \(FSD\)](#)
- [FSD data management guidelines](#)
- [Publication Forum's classification of scientific publication channels](#)



About this call for applications

This call for applications is based on the criteria for research funding decisions by the Academy of Finland that are annually approved by the Academy Board. The calls that will open in September 2015 come under the criteria adopted on 7 May 2015. [The document presenting the criteria is available on our website](#) (in Finnish).

The call for applications is prepared by a working group responsible for communication on the Academy's funding calls. Vice President for Research Marja Makarow approved the Finnish-language call for applications on 1 July 2015.

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

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