



ACADEMY OF FINLAND

SEPTEMBER CALL

1–24 September 2014

The Academy of Finland funds cutting-edge and innovative research aimed at significant scientific breakthroughs. The Academy is Finland's leading expert organisation in science and science policy and in that role is focused on strengthening the position of science and research. Our funding is based on open competition and independent peer review.

In 2014, we will make funding decisions worth about 310 million euros. We are committed to promoting equality in research.

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



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## HOW TO APPLY – THE BASICS

### When?

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

In September, applications are invited, for instance, in the following funding opportunities: Academy Projects, Targeted Academy Projects and research posts (i.e. Academy Professor, Academy Research Fellow, Postdoctoral Researcher and clinical researcher).

In April, applications are invited within research programmes and for targeted Academy Project funding, for example.

The deadlines of the following funding opportunities may differ from our main deadlines: research programmes, research infrastructures, two-stage calls and calls within 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?

Our funding opportunities are presented on our website under [Funding opportunities](#).

### How?

Information on open calls is posted on our website under [Apply now](#). Detailed guidelines on how to submit applications are available on our website:

- 1) [calls for applications](#), published twice a year, describing all funding opportunities open for application at that particular time
- 2) [guidelines on how to draft applications](#)
- 3) [guidelines on how to draft appendices](#) (structure and length)
- 4) [programme memoranda](#) of research programmes to be launched
- 5) [How-to-Guide](#) (PDF) to the Academy's online services.

We require that you carefully read the call for applications and the other 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 or PI of a research project) must have the qualifications of a professor or a docent, or be a researcher with a doctoral degree, unless the call text indicates otherwise. In some funding opportunities, the applicant is a university or a research institute.

Academy research funding is allocated on the basis of peer review to the best researchers and research teams and to the most promising young researchers for carrying out scientifically ambitious projects. In principle, the projects we fund must serve Finnish research and society or international collaboration.

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

- Academy Project (PI of project)
- Academy Project (PI of consortium or consortium subproject)
- Postdoctoral Researcher
- Academy Research Fellow
- clinical researcher.

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

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

#### What is funded?

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)

We can also grant funding for VAT costs, but only on certain conditions; read more on our website under [Value added tax](#).

In calls implemented in accordance with full costing, 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 **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 institution: office and laboratory premises, equipment (incl. computer equipment), and telecommunications, telephone, mailing, copying and library services, etc.

In the application, give a **cost estimate** including an estimate of the annual amount of funding needed, itemised by type of expenditure. Also include a **funding plan**, that is, all funding granted for the project in question 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. As of the September 2014 call, the mobility allowance, applied for as a research cost for a research project ( e.g. Academy Projects, projects within research programmes, targeted projects, research costs in posts), will no longer depend 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 for shorter work periods than a year.
- with our funding opportunity *International researcher mobility based on bilateral agreements* as research grants or personal grants.

Read more in Appendix 4 of the September 2014 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 the research projects.

### Salary costs of principal investigator

Academy funding for research projects (Academy Projects, Targeted Academy Projects and research 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). The PI can also be granted funding for salary costs, but only for well-substantiated research-related reasons.

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



The salary costs of the PI can be incorporated into the project costs to be funded, in accordance with full costing and the research plan. However, these 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.

**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*.

## 2 Applying for funding for the 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 and 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 a PI with no employment relationship

If the PI has no 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.

While retired researchers cannot be granted funding for their own salary or personal grants, they can be granted other funding on the same grounds as other researchers.

## Project collaboration or consortium?

When researchers and research teams cooperate through normal **project collaboration**, the partners independently apply (with their own application) for funding for their projects and describe the collaboration in each research plan. The Academy treats project collaboration applications as separate applications.

Funding may also be applied for by a **consortium composed of research projects** working at different sites (e.g. at different universities or at different departments of the same university). A consortium is a fixed-term body of independent subprojects that work under a joint research plan with a view to generating greater added value through systematic collaboration than through normal project collaboration. The scientific added value of the consortium must be described in the research plan. The consortium's cost estimate and funding plan must be as realistic as possible. Read more in Appendix 2 of the September 2014 call for applications.

The Academy treats a consortium application as one application, and the funding decision is made by a research council or subcommittee at the Academy.



Please note that a consortium application is started in the online services by the PI of the consortium, who must take the consortium code generated by the system and send it to the members of the consortium. The members then use that code to attach their subprojects to the consortium. They will have to log in to the Academy's online services to do so.

The application of a consortium can be processed only if the applications of all subprojects have been submitted by the deadline. The deadline is non-negotiable. The composition of a consortium cannot be changed after the deadline.

Read more under [Consortium application](#) on our website.

### Strategic Centres for Science, Technology and Innovation

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

Such research may either be directly affiliated with a specific strategic centre or be scientific research that serves the thematic area of a strategic centre. 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 application is affiliated.

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

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

### Reviewing and not reviewing applications

Academy funding is based on a scientific review of the research plan and the applicant. We mainly enlist foreign experts as reviewers. Applicants have the right to submit their application in Finnish or Swedish. Nonetheless, **we ask you to submit your application 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 hosted by the research councils](#) and [Research field classification](#) on our website.

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

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

## GUIDELINES ON APPENDICES TO APPLICATIONS

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

For detailed guidelines on how to draft applications, see [Appendices](#) on our website (e.g. [Research plan](#), [Curriculum vitae](#) and [List of publications](#)).

### Curriculum vitae

The Academy asks 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 standards of the scientific discipline. The CV guidelines help in drafting an appropriate CV from the perspective of research ethics so that it presents the researcher's merits as comprehensively and truthfully and in such a way that it facilitates comparisons between applicants. Enter your most important scientific merits briefly and concisely. Normally, 3–7 pages will be enough, even for established researchers.

### Research plan

The guidelines on the research plan have been revised. To guarantee the uniformity and quality of the review, applications must follow a comparable structure. 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](#) on our website.

### Publication plan

The application must include a publication plan as part of the research plan.

We recommend that researchers publish their articles and other publications in *open-access publication archives*, either provided or recommended by the site of research.

We further recommend that researchers publish their results in *open-access scientific journals*, if there are such journals in the field in question that are at least of the same





high quality as traditional subscription journals. Parallel copies should also be saved in *open-access electronic archives*.

Funding is also available for research costs arising from publishing of research results (e.g. open access publishing using the golden route; hybrid forms are not recommended). This funding is applied for on the online form under *Funding for the project/Services* and justified in the research plan.

Read more in our guidelines [Publishing open access and making data available](#).

### Data management plan

We also require that the research plan includes a data management plan, which describes:

- how the project proposes to obtain and use its research materials
- the rights of ownership and use pertaining to the material used and generated by the project
- how the materials produced by the project (or through research infrastructures) will be stored and subsequently made available to other researchers
- how the materials will be protected if necessary.

We recommend that Academy-funded researchers also investigate the possibility of long-term storage of data. Our recommendation is that research data is stored and made available through major national or international archives, such as:

- [the Finnish Social Science Data Archive \(FSD\)](#)
- [the FIN-CLARIN consortium](#)
- [the CSC's IDA Storage Service](#) and its Kata metadata catalogue and [AVAA](#) open-access publishing platform
- CERN's [Zenodo service](#).

Read more in our guidelines [Publishing open access and making data available](#).

### Ethical issues

The ethical issues of the research must always be specified in the research plan, as they are reviewed as part of the scientific review. The **ethical issues and responsibilities** to be considered at the application stage are described on our website under [Ethical issues and applying for funding](#).

### 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 intend to carry out mobility serving the project within Finland and abroad during the funding period. If you are applying for funding for a research post as Postdoctoral Researcher or Academy Research Fellow, also give an account of your previous mobility (under *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. Read more about research infrastructures under [Roadmap for 2013–2014](#) 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.

Academy funding is allocated to the researcher's host organisation. Grants for work abroad (so-called mobility grants) may also be allocated directly to researchers.

Academy funding to organisations outside the central government (e.g. universities) is classed as a discretionary government transfer. Since our 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 [Use of 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 to be funded 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 your application, you must include a funding plan in accordance with the full cost model, including the amount of funding applied for from the Academy. Draft your 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 full costing is applied to the cost calculation, 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 from your own organisation if the



funding planned as the own funding contribution fits in with 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 to the calculation of **estimated** total costs both at the application and decision-making stage, and to the calculation of **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 under [Full cost model](#) and [Full cost model: principles and definitions](#) on our website.

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 provide funding for 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 total 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 in the Academy's online services on behalf of the site. By issuing the commitment, the site of research 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 institution: 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.

With respect to 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, the site of research must:

- check (regarding projects to which full costing is applied) that the coefficients (overheads, indirect employee costs and effective working hours) of the site of research indicated in the application are entered correctly
- check that the [VAT practice](#) is entered correctly in the application.

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 SUBMITTING APPLICATIONS, APPLICATIONS PENDING, PUBLICITY AND PUBLIC DESCRIPTION

#### Submitting applications, when applications become pending

Applications for the Academy of Finland's September 2014 call can be drafted and submitted in the online services as of Monday 1 September 2014. The non-negotiable deadline is Wednesday 24 September 2014 at 16.15, if not otherwise indicated in the call text. Please note that international calls may have other deadlines. To ensure smooth drafting and submission, please submit your application as early as possible.

You must submit your application in your own name and with your own user ID.

According to Section 17 of the Finnish Administrative Procedure Act (434/2003), 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 are **submitted in the online system**. The system will indicate the successful submission by sending an email to the address given 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 appendices.

Append only the requested appendices to your application and make sure not to exceed the maximum length of appendices (indicated in the guidelines).

For guidelines on how to submit an application in the Academy's online services, see the [How-to Guide](#) (PDF). If you run into problems in the online services at the time of



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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

**Before the deadline expires**, you can make changes in an application you have submitted to the Academy (e.g. change appendices). To do this, log in to the online services, open the application, make the necessary changes and resubmit your revised application by the set deadline. The resubmitted application will replace the earlier version.

If you have, for example, received a letter of invitation from a foreign university, or if you notice that something is lacking in your application **after the deadline has expired**, you should immediately contact the person named in the call text, who will 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. 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 (621/1999), an application and its appendices constitute a public document. Research plans, plans of intent, abstracts and progress reports are exceptions to this rule. For example, the CV is a public document and as such must not include any confidential information.

### Public description of project

The popular description of the project is an important part of the application. The description is a way for the Academy and researchers to disseminate information on Academy-funded research to the research community, stakeholders and the public at large. The description should therefore be as clear and readable as possible. 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 in connection with the drafting of the application. **We will not edit project descriptions – it is the applicants themselves who are responsible for the content, clarity and style of the descriptions.**

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

## 1.4 INFORMATION ON DECISIONS



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The timetables for the Academy's funding decisions are posted on our website under [Decision timetables](#). The funded projects, their public descriptions and the call-specific releases on decisions are available [here](#).

You will receive an automatic **email** message after the decision has been made. After receiving this message, you can log in to the **online services** with your user ID, select the application on which the decision has been made and see whether the decision is favourable or not. 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.



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## Funding open for application in September 2014

### 2 FUNDING FOR RESEARCH PROJECTS

#### 2.1 ACADEMY PROJECT, ALL RESEARCH FIELDS

##### Aim

An Academy Project 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.

Within 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.

##### Applicant

The leader of an Academy Project (the principal investigator, or PI) must have the **qualifications of a professor or a 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. The applicant must describe this at the application stage.

##### Funding

Academy 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 2014 call for applications for the average funding for Academy Projects in spring 2014.

As a rule, the funding is granted for four years, starting on 1 September 2015.



## 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 salary of the PI, see page 4 of the September 2014 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 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, only the first application received will be reviewed. 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.

However, in the September 2014 call, a PI who has an ongoing project with Academy Project funding ending on 31 December 2015 can be granted Academy Project funding as of 1 September 2015.

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 2012–2017 and 2014–2019 CoE programmes cannot apply for Academy Project funding in the September 2014 call.

## Appendices

See Appendix 1 A of the call for applications (Sep 2014), *Appendices to application*.

## How to apply

The non-negotiable deadline is 24 September 2014 at 16.15. The deadline also applies to consortium subprojects. Draft your application in [the Academy's online services](#). Select *Open calls* > **Academy Project**.

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 [Consortium application](#). The applications of all subprojects of the consortium must be submitted by the deadline. The consortium application will be processed only if the applications of all subprojects have been submitted by the deadline. The composition of the consortium cannot be changed after the deadline has expired.





## More information

### Biosciences and Environment Research Unit

- Science Adviser Jaana Lehtimäki, tel. +358 295 335 060
- Science Adviser Päivi Lindfors, tel. +358 295 335 028
- Science Adviser Timo Sareneva, tel. +358 295 335 106
- Science Adviser Kata-Riina Valosaari, tel. +358 295 335 128

### Culture and Society Research Unit

- Science Adviser Kustaa Multamäki, tel. +358 295 335 078
- Science Adviser Satu Huuha-Cissokho, tel. +358 295 335 075
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### Natural Sciences and Engineering Research Unit

- Science Adviser Outi Oila, tel. +358 295 335 086
- Science Adviser Samuli Hemming, tel. +358 295 335 024

### Health Research Unit

- Science Adviser Antti Hautaniemi, tel. +358 295 335 006
- Senior Science Adviser Sirpa Nuotio, tel. +358 295 335 082
- Science Adviser Vera Raivola, tel. +358 295 335 098

## 2.2 TARGETED ACADEMY PROJECT

A Targeted Academy Project is like a normal Academy Project but with predetermined targets for funding. The Academy Board or 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, promoting the internationalisation of research or supporting Strategic Centres for Science, Technology and Innovation.

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 Projects also apply to Targeted Academy Projects. 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 if they are eligible to apply.

### 2.2.1 DEVELOPMENT RESEARCH

#### Aim

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



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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 the general development policy goals, the themes of the call are:

- 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 studies on development policy and objectives, critical examination of development policy coherence and matters related to sustainable development in the natural economy, and the economy in general and in social terms.

Applications for research grants for development research are reviewed in line with the Academy's general evaluation 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 submit a report to the Academy and 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 Projects (see section 2.1 in the September 2014 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 need 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 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 be granted simultaneous funding for both an Academy Project and a development research project, provided that the projects have a different theme. 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 2015. The Academy and the Ministry for Foreign Affairs have earmarked some 3 million euros for this call.

### Appendices

See Appendix 1 A of the call for applications (Sep 2014), *Appendices to application*.

### How to apply

The non-negotiable deadline is 24 September 2014 at 16.15. Draft your application in [the Academy's online services](#). Select *Open calls* > **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](#).

### More information

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

## 2.3 ACADEMY RESEARCH PROGRAMMES

### 2.3.1 PERSONALISED HEALTH – FROM GENES TO SOCIETY, LETTERS OF INTENT

#### Aim

The Academy of Finland's research programme Personalised Health explores the application of genome and other personal health data to maintain and promote an individual's health and to prevent and treat diseases. In addition, the programme will



look into the technological, judicial, ethical, social and societal issues and impacts with regard to the collection, storing and use of such data.

The programme is centred on the concept of *personalised medicine*, a new, comprehensive line of health research that involves a new approach to understanding, categorising, diagnosing, preventing and treating diseases and promoting good health. This approach is based on the definition of an individual's genome, its function, cellular biochemistry and physiology, as well as on the utilisation of this information in individual medical treatment, disease prevention and nutritional profiling. The development of personalised medicine and healthcare also rests on the development of computer-aided adaptation of conclusions and recommendations, a process that combines health and illness data with molecular data, and secure long-term data storage with reliable rights management.

The personalising of medicine and healthcare also gives rise to issues not directly related to medicine or technology. Many of the emerging issues have to do with the position of patients and clients, understanding the special characteristics of genetic information, and various ethical, moral, judicial and economic dimensions.

Funding within the programme will especially be granted to projects that respond to the programme's objectives:

- The programme will be implemented in the best interests of basic research and to help individuals and society benefit from using genetic information and genetic health data.
- The programme will provide funding to genuinely multidisciplinary consortia that bring together different scientific disciplines with a view to unearthing new kinds of research perspectives.
- The funded projects will make good use of Finland's unique genetic population, its favourable societal conditions and the country's highly advanced databases and registers.

The programme consists of three interconnected and nonexclusive thematic areas:

- producing data and tools to contribute to the understanding of individual characteristics at molecular level, and using these data and tools for health promotion
- studying and analysing the judicial, social and ethical aspects of using, collecting and integrating data on individuals using methods of biology, medicine, social sciences, psychology, philosophy, computing analysis, legal science and economics
- facilitating advances in technology, data management and information systems, and biocomputing and bioinformatics to meet the needs of personalised medicine and health.

The contents and goals are described in more detail in the programme memorandum.

### **Applicant**

Funding can be applied for by consortia composed of two or several research teams.



## Funding

The programme will provide research projects with funding for four years, starting on 1 September 2015. Additional calls may be opened at a later stage.

## Programme memorandum

The programme memorandum contains more detailed information on the programme's background, aims, thematic areas and review criteria. It is available on our website at [www.aka.fi/pHealth](http://www.aka.fi/pHealth) > In English. Carefully reading through the memorandum ensures that you are able to submit a competitive application.

## How to apply

The call has two stages. The non-negotiable deadline for the first stage (letters of intent) is 24 September 2014 at 16.15. Draft your application in [the Academy's online services](#). Select *Open calls* > **Personalised Health 2014, 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 under [Full cost model](#).

Based on the plans of intent, the Academy will decide which projects will proceed to the second stage. The decision will be made in December 2014. Those selected to the second stage will be asked to submit full applications in the Academy's online services by 12 February 2015 at 16.15. The deadline is non-negotiable.

Since the applicant is a consortium, see detailed guidelines on our website under [Consortium application](#). At the first stage (letters of intent), only the consortium PI submits an application; at the second stage (full applications), the applications of all subprojects of the consortium must be submitted by the deadline. The consortium application will be processed only if the applications of all subprojects have been submitted by the deadline. The composition of the consortium cannot be changed after the first-stage deadline has expired.

## Appendices

See Appendix 1 B of the call for applications (Sep 2014), *Appendices to letter of intent*.

## More information

- Programme Manager Jukka Reivinen (Programme Unit), tel. +358 295 335 099
- [www.aka.fi/pHealth](http://www.aka.fi/pHealth) > In English

### 2.3.2 MINERAL RESOURCES AND MATERIAL SUBSTITUTION, LETTERS OF INTENT

#### Aim

The premise for the Academy of Finland's research programme Mineral Resources and Material Substitution is that mineral resources in general have become an



increasingly complex area that calls for a stronger systemic approach and novel solutions. New solutions require exact information and multidisciplinary understanding that is grounded in sound basic research. The programme aims to provide a broad and in-depth coverage of the occurrence, properties, processing, use and recycling of rare, especially metallic minerals as well as alternative materials used as substitutes for metallic minerals.

The programme will create a knowledge base that will facilitate responsible mining and recycling operations that are aware of their impacts on the natural environment and the surrounding society.

There are three main themes:

- Primary mineral resources
- Materials efficiency and recycling
- Material substitution.

There are two research questions that cut across all these three themes:

- How can the same functionality be achieved for different material solutions?
- How can interconnected metals be separated in connection with beneficiation and recycling as economically, energy-efficiently and environmentally soundly as possible?

The programme's other aims include:

- establishing new multidisciplinary research groups and networks of national and international collaboration
- increasing the national and international mobility of researchers
- improving the international competitiveness of research and industry
- bringing Finnish research to the international forefront in selected research areas
- achieving broad societal impact for research into mineral resources and alternative materials.

### **Applicant**

Funding can be applied for by individual research projects and consortia composed of two or several research teams.

### **Funding**

The programme will provide research projects with funding for four years, starting on 1 September 2015. Additional calls may be opened at a later stage.

### **Programme memorandum**

The programme memorandum contains more detailed information on the programme's background, aims, thematic areas and review criteria. It is available on our website at [www.aka.fi/misu](http://www.aka.fi/misu) > In English. Carefully reading through the memorandum ensures that you are able to submit a competitive application.



## How to apply

The call has two stages. The non-negotiable deadline for the first stage (letters of intent) is 24 September 2014 at 16.15. Draft your application in [the Academy's online services](#). Select *Open calls* > **Mineral Resources and Material Substitution 2014, 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. The decision will be made in December 2014. Those selected to the second stage will be asked to submit full applications in the Academy's online services by 12 February 2015 at 16.15. The deadline is non-negotiable.

If the applicant is a consortium, see detailed guidelines on our website under [Consortium application](#). At the first stage (letters of intent), only the consortium PI submits an application; at the second stage (full applications), the applications of all subprojects of the consortium must be submitted by the deadline. The consortium application will be processed only if the applications of all subprojects have been submitted by the deadline. The composition of the consortium cannot be changed after the first-stage deadline has expired.

## Appendices

See Appendix 1 B of the call for applications (Sep 2014), *Appendices to letter of intent*.

## More information

- Programme Manager Tommi Laitinen (Programme Unit), tel. +358 295 335 057
- Programme Manager Tuomas Katajarinne (Programme Unit), tel. +358 295 335 067
- [www.aka.fi/misu](http://www.aka.fi/misu) > In English

## 2.4 JOINT PROJECT CALLS WITH FOREIGN FUNDING AGENCIES

### 2.4.1 JOINT PROJECTS WITHIN THE TULOS PROGRAMME: LEARNING (ACADEMY OF FINLAND, NSF PIRE AND TEKES)

The Academy of Finland's research programme The Future of Learning, Knowledge and Skills (TULOS) aims to promote the international networking of Finnish researchers by participating in a call organised by the US National Science Foundation's **Partnership for International Research and Education (PIRE)** programme. Within this call, the Academy can provide funding to multidisciplinary research into learning, knowledge and skills (PIRE call theme: Learning Sciences).



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The projects will receive funding for five years. The Academy has reserved 1 million euros for Finnish consortium parties.

### How to apply

Please note the application procedure. **The call has opened and the deadline is 9 September 2014.**

The guidelines, call text and forms are available on the [NSF PIRE website](#).

The call has two stages. At this stage, applications are not submitted to the Academy. However, the call follows the Academy's guidelines on the eligibility of applicants and the funding principles applied to Academy Projects. Full costing is also applied. The Academy's funding contribution comes to no more than 70% of a project's total costs. The projects to be funded will be integrated as part of the TULOS programme and will be required to commit to participating in the programme's activities.

### More information

- Programme Manager Risto Vilkkö (Programme Unit), tel. +358 295 335 136
- [www.aka.fi/tulos](http://www.aka.fi/tulos) > In English

## 2.4.2 JOINT PROJECTS: INFORMATION SYSTEMS FOR SUPPORT OF OLDER PEOPLE (ACADEMY OF FINLAND, JST AND TEKES)

### Aim

The Academy of Finland, Japan Science and Technology Agency (JST) and Tekes have decided to open a call for joint projects with a view to promoting Finnish-Japanese research collaboration in analysing and solving the issues and challenges of information systems for accessibility and support of older people.

Researchers are free to choose their research approach. Here are a few examples:

- Participation, involvement and engagement of older people into their community
  - technology to support social interaction among older people: communication through virtual and augmented reality; context-sensitive interaction; playful interactions
  - older people as producers and co-producers of digital contents and services: tools and practices for the participation of older people to the service production; inclusive design
- Prevention of societal inequality
  - ICT and other technological solutions to increase accessibility of older people to goods and services, for instance
- Technology and end-user experience
  - involvement of older people, as end-users and co-users, in designing solutions
  - interaction modalities and older people: using tracking technologies (e.g. eye tracking, motion tracking) to support interaction with technologies





- development of user-friendly technologies in ageing societies, for instance, by creating visualisation models to support coping of people suffering from dementia and to ease communication with them
- Healthy lifestyle
  - lifestyle and nutrition and food care for older people
  - use of tracking, self-monitoring, feedback and instruction systems for healthy lifestyle and self-care (e.g. physical activity, reduction in sedentary time, nutrition, compliance to healthy lifestyle and rehabilitation interventions)
- Wellbeing, care and environments of older people
  - monitoring and evaluation of spaces and environments for designing and testing accessible surroundings and homes for older people
  - tools to enhance rehabilitation in the home: wearable, sensor-based and embedded technologies to track older people's activities to give them and their carers feedback about their wellbeing and rehabilitation
  - development of technologies that promote communication and feedback between older people, service providers and family carers.

The aim is to support high-quality, long-term and systematic research collaboration with a view to promoting the creation and strengthening of research networks between Finland and Japan. The joint research plan must be carried out by research teams from both countries.

## Funding

Finnish applicants submit their applications to either the Academy or Tekes. The funding decisions will be made in collaboration with JST.

The Academy is prepared to fund three joint projects for three years. The funding is intended towards researchers' salaries, indirect employee costs, researcher mobility, acquisition of material and research equipment (max. €5,000), other costs (e.g. arranging research workshops and seminars) and overheads. The Academy can grant a Finnish research team a maximum of 125,000 euros per project per year, that is, 375,000 euros per project. The funding period for Academy funding starts on 1 September 2015.

## Applicant

The applicant for Academy funding must have the qualifications of a professor or a docent or be a researcher with a doctoral degree. Funding can be applied for by individual research projects and consortia composed of two or several research teams.

## Review of applications

The applications will be reviewed in line with Academy, Tekes and JST practices. For the Academy's part, this means international peer review.

The review is based on the following criteria agreed with JST:

- scientific quality and innovativeness of the research plan
- significance of the project for the thematic area of the call



- added value generated by Finnish-Japanese research collaboration
- feasibility of the research plan
- scientific merits and results of the Finnish and Japanese researchers/research teams
- applicability of the research results.

The funding agencies will decide on the joint projects to be funded on the basis of the above criteria and the consensus reached in discussions.

### Joint research plan

The parties apply for funding for their own projects from their national funding agencies using the agencies' application forms.

The application must include a *joint research plan* drafted by the Finnish and the Japanese research team, including a clear description of the planned cooperation (distribution of work and methods of implementation) and the added value to be expected from the collaboration. The plan must also include both a joint budget and separate budgets for both parties. To ensure successful collaboration, applicants should draft a sufficient budget for researchers' travels between Finland and Japan.

Each party applies for funding from its national funding agencies. Finnish researchers apply for funding either from the Academy or from Tekes, Japanese researchers from JST in line with JST guidelines. The Academy and Tekes request Finnish applicants to make sure that their Japanese partner is eligible to apply for funding from JST.

### Appendices

See Appendix 1 C of the call for applications (Sep 2014), *Appendices to application in international joint project calls*.

### How to apply

**Please note that the non-negotiable deadline is 7 October 2014 at 16.15.**

***Applications for Academy funding*** are drafted in [the Academy's online services](#). Select *Open calls* > ***Joint Projects: Information Systems for Accessibility and Support of Older People (Academy of Finland, Tekes and JST)***.

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](#). The costs of the Japanese partner are indicated only in the research plan (section 6, *Implementation*).

***Applicants for Tekes funding*** can contact Tekes before submitting the application. Applications to Tekes are drafted in Tekes' online services, and they must meet Tekes' normal application criteria. The cover note must mention the JST collaboration.



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*The Japanese party* submits its application to JST in line with JST guidelines.

#### More information

- Science Adviser Samuli Hemming (Natural Sciences and Engineering Research Unit), tel. +358 295 335 024
- Science Adviser Tiina Forsman (Culture and Society Research Unit), tel. +358 295 335 013
- Programme Manager Teppo Tuomikoski (Tekes), tel. +358 295 055 749
- Mr Daiji Naka (JST), [d2naka@ist.go.jp](mailto:d2naka@ist.go.jp)
- [Guidelines for third JST-AF-Tekes call](#) (due 9 July 2014)

#### 2.4.3 JOINT PROJECTS: ERA-NET RUS PLUS

The ERA-NET RUS Plus initiative has opened a call for joint projects. The Academy of Finland will participate in the following themes of the call:

- Environmental impact and risk of raw materials extraction and transportation
- Extreme climate events and their impact on the environment
- Understanding conflict, identity and memory: past and present.

The goal of the call is to create long-term research collaboration in the field of research and innovation between EU Member States or Associated Countries and Russia. Eligible project consortia must comprise at least one team from Russia and at least two teams from EU Member States or Associated Countries.

The call involves 28 international funding agencies. For a list of participants, see the [ERA-NET RUS Plus website](#).

The Academy is prepared to fund Finnish consortium parties with 1.5 million euros.

#### How to apply

Please note the application procedure. **The call has opened and the deadline is 25 September 2014.** Check the exact deadline on the initiative's website.

The call has two stages. At this stage, applications are not submitted to the Academy. However, the call follows the Academy's guidelines on the eligibility of applicants and the funding principles applied to Academy Projects. Full costing is also applied. The Academy's funding contribution comes to no more than 70% of a project's total costs.

The application guidelines are available at [www.eranet-rus.eu](http://www.eranet-rus.eu).

#### More information

- Programme Manager Mikko Ylikangas, tel. +358 295 335 143
- [www.eranet-rus.eu](http://www.eranet-rus.eu)



## 3 FUNDING FOR RESEARCHERS

### 3.1 ACADEMY PROFESSOR

#### Aim

When you apply for a research post as Academy Professor you apply for funding for your own salary for a maximum of five years. The aim of the funding 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 also include (without separate compensation) supervision of thesis and dissertation writers and teaching associated with the research, covering 5% of the annual working hours.

At present, the Academy of Finland funds 46 five-year Academy Professorships, placed in the fields of the Academy's research councils. The number of Academy Professors varies depending on the funding periods. Each year, the Academy appoints around eight new Academy Professors.

#### Applicant

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 funding towards the salary of an Academy Professor is determined according to a monthly salary of 8,900 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%).

Successful applicants can – having received the decision on their salary funding – submit a separate application for a research 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.

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 2016 and ends on 31 December 2020 at the latest.

#### Two-stage call

The Academy Professor call has two stages. On the basis of letters of intent, the Academy's research councils decide who will proceed to the second stage to submit a full application. The second-stage call is open 1 December 2014–14 January 2015. Full applications will be reviewed using international peer review. Decisions on those selected to a research post as Academy Professor and those placed on a reserve list are made by the Academy based on the research councils' proposals.

#### Appendices

See Appendix 1 B of the call for applications (Sep 2014), *Appendices to letter of intent*.



## How to apply

The non-negotiable deadline is 24 September 2014 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 costs. 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.

## More information

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

- Senior Science Adviser Merja Kärkkäinen, tel. +358 295 335 053
- Science Adviser Sara Illman, tel. +358 295 335 119

## 3.2 ACADEMY RESEARCH FELLOW

### Aim

When you apply 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.

The 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 their annual working hours.



## Applicant

The applicant is a researcher with **3–9 years** of experience since PhD completion (degree certificate issued 24 Sep 2005–24 Sep 2011), or 3–13 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 non-military 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 *More information*).

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

In the September 2013 call, the success rate of applications for a research post as Academy Research Fellow was as follows:

- Research Council for Biosciences and Environment: 13%
- Research Council for Culture and Society: 13%
- Research Council for Natural Sciences and Engineering: 9%
- Research Council for Health: 11%.

## 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

Those selected to a research post as Academy Research Fellow can – having received the decision on their salary funding – submit a separate application for a research grant for research costs to the relevant research council. This research grant can cover research costs, international collaboration and mobility, and setting up a research team.

Separate decisions will be made on the salary and the 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.

Research posts as Academy Research Fellow are filled for five years. The funding period is 1 September 2015–31 August 2020. The period can be changed only for



special reasons (see *Applicant*). One and the same 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 *More information* 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 from one and the same applicant for an Academy Project (or consortium subproject) or 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, only the first application received will be reviewed. 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 a research post as Academy Research Fellow only in special cases, if the two terms would overlap with more than four months.

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

## Appendices

See Appendix 1 A of the call for applications (Sep 2014), *Appendices to application*.

## How to apply

The non-negotiable deadline is 24 September 2014 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 costs. 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.

## More information

Biosciences and Environment Research Unit

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



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

#### Culture and Society Research Unit

- Senior Science Adviser Päivi Messo, tel. +358 295 335 074
- Science Adviser Jyrki Hakapää, tel. +358 295 335 017

#### 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

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

- Science Adviser Jyrki Hakapää, tel. +358 295 335 017

### 3.3 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 for 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 their annual working hours. However, no more than 10% of the annual working hours should be spent on teaching or other tasks not directly associated with the research.

#### Applicant

The applicant is a researcher with **up to four years** of experience since PhD completion (degree certificate issued 24 Sep 2010–24 Sep 2014), or up to eight years, if the doctoral degree has been obtained simultaneously with medical specialist training.

Applicants who have completed their doctoral degree earlier than the time indicated above can be considered only for special reasons (maternity, paternity, parental or childcare leave, military service or non-military 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 *More information*).

#### 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 4 A of the call for applications (Sep 2014). 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 monthly salary to be applied for from the Academy is primarily set according to job grade 5 of the [pay scale of the 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 3 of the call for applications (Sep 2014) for the average funding for Postdoctoral Researchers in the previous call.

The funding for Postdoctoral Researchers is granted for three years. The funding period is 1 September 2015–31 August 2018, and it can be changed only for compelling reasons (see *Applicant*). One and the same person can be granted Postdoctoral Researcher funding only once.

### Special conditions and restrictions

In the September call, we will consider only one application from one and the same applicant for an Academy Project (or consortium subproject) or 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, only the first application received will be reviewed. 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 a maximum of 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 *More information* 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

See Appendix 1 A of the call for applications (Sep 2014), *Appendices to application*.

## How to apply

The non-negotiable deadline is 24 September 2014 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 section 6, *Implementation*), the monthly salary of the Postdoctoral Researcher (excl. indirect employee costs) is entered together with a justification for the estimated total project costs (incl. research costs).

## More information

Biosciences and Environment Research Unit

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

Culture and Society Research Unit

- Science Adviser Tiina Forsman, tel. +358 295 335 013
- Senior Science Adviser Raija Matikainen, tel. +358 295 335 072

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 33 5082

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

- Science Adviser Jyrki Hakapää, tel. +358 295 335 017

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

- Science Adviser Tiina Forsman, tel. +358 295 335 013
- in July 2014: Tanja Huber, [huber@iiasa.ac.at](mailto:huber@iiasa.ac.at), tel. +43 676 838 073 44

## 3.4 SPECIAL FUNDING FOR RESEARCHERS

### 3.4.1 CLINICAL RESEARCHER

#### 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.

### Applicant

The applicant is a medical doctor with a doctoral degree working in clinical practice. Funding is not granted to applicants who are 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 2013 call, the average amount of funding granted for three years was 177,000 euros per clinical researcher. The success rate was 29%.

As of the September 2014 call, the funding is granted for a maximum of **four years**, starting on 1 September 2015.

### Appendices

See Appendix 1 A of the call for applications (Sep 2014), *Appendices to application*.

### Restrictions

In the September 2014 call, funding can be granted to one and the same applicant only in one of the following funding opportunities:

- clinical researcher
- Academy Research Fellow
- Postdoctoral Researcher
- Academy Project (or consortium subproject).

If you do submit more than one application to any of these funding opportunities or apply for more than one type of such funding, only the first application received will be reviewed.

### How to apply

The non-negotiable deadline is 24 September 2014 at 16.15. Draft your application in [the Academy's online services](#). Select *Open calls* > **Clinical Researcher**.

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



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.

### More information

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

## 3.4.2 INTERNATIONAL RESEARCHER MOBILITY BASED ON BILATERAL AGREEMENTS

### 3.4.2.1 Mobility funding

#### Aim

The Academy of Finland's mobility funding promotes the international interaction and contacts of Finnish researchers and the internationalisation of Finnish research environments. The research collaboration and researcher mobility based on the bilateral agreements signed by the Academy support the Academy's general science policy objectives. The call for mobility funding is implemented with the following countries: China, (incl. Taiwan), Germany, India, Japan, Russia and South Africa.

The Academy's mobility funding is either a personal grant or a research grant. Personal grants are paid directly to researchers, research grants to sites of research.

#### Applicant

The applicant is a researcher with at least a higher academic degree.

#### Review of applications

Read more about the review of applications under [Criteria applied in granting mobility funding based on bilateral agreements](#) on our website.

#### Funding

The funding is intended for the researcher's personal grant (incl. travel and accommodation costs), for inviting researchers to Finland and for arranging seminars (China, Japan). The more detailed conditions are determined keeping to the relevant agreement. The monthly grant amounts are presented in Appendices 4 B (Mobility to Finland) and 4 C (Mobility from Finland) of the call for applications (Sep 2014).

The funding period starts on 1 January 2015. Grants can be awarded for a maximum of twelve months for a two-year period.

#### China/Taiwan

- a) Grants of the National Natural Science Foundation of China (NSFC) for research in biosciences, natural sciences and engineering sciences at Chinese universities. Applications can be made for 2015.



- b) Grants for research in natural sciences and engineering sciences at institutions of the Chinese Academy of Sciences (CAS). Applications can be made for 2015.
- c) Grants for research in the humanities, culture, law, economics and the social sciences at institutions of the Chinese Academy of Social Sciences (CASS). Applications can be made for 2015.
- d) Grants for [participation in Finnish-Chinese seminars](#)
- e) Research grants (for 2015) for [arranging Finnish-Chinese seminars](#) in Finland
- f) Grants for research at Taiwanese research institutes and universities
- g) Research grants for inviting Taiwanese researchers to Finland

[See our website](#) for more information on mobility grants to China and Taiwan.

## Germany

Research grants are available (for 2015 and 2016) for travel and living costs in Germany incurred from project collaboration between Finnish and German researchers. The Academy of Finland covers the costs of Finnish participants and, correspondingly, the German Academic Exchange Service (DAAD) the costs of German participants.

[See our website](#) for more information on mobility grants to Germany.

## India

- a) Grants funded together with the Indian **Department of Science and Technology (DST)** for short-term visits to Indian universities and research institutes
- b) Grants for inviting Indian researchers of bioinformatics and related biosciences to Finland
- c) The following disciplines are primarily supported with the Indian **Department of Biotechnology (DBT)**:
  - 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.

Funding is available for the following purposes:

- Grants **for biotechnological research** at Indian universities and research institutes (Mobility from Finland)
- Research grants **for inviting Indian researchers** of biotechnology to Finland (Mobility to Finland).

[See our website](#) for more information on mobility grants to India.

## Japan



- a) **Grants to researchers** for research in Japan
- b) **Grants to doctoral candidates** for research in Japan (one year at a time, max. two years)
- c) **Postdoctoral Fellowships** for 12–24 months to Japan (Japan Society for the Promotion of Science, JSPS Fellowship Programme). See section 3.4.2.1 of the call for applications (Sep 2014).
- d) Grants for [participation in Finnish-Japanese seminars](#). Please check the JSPS deadline at [www.jsps.go.jp/english](http://www.jsps.go.jp/english).
- e) Research grants for [arranging Finnish-Japanese seminars](#) in Finland. Please check the JSPS deadline at [www.jsps.go.jp/english](http://www.jsps.go.jp/english).

[See our website](#) for more information on mobility grants to Japan.

## Russia

- a) Grants for research at institutions of the Russian Academy of Sciences and at Russian universities
- b) Research grants for inviting Russian researchers to Finland

[See our website](#) for more information on mobility grants to Russia.

## South Africa

Grants are available 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](#) for more information on mobility grants to South Africa.

## Appendices

Append only the requested appendices to the application and make sure to draft them in line with [the Academy's guidelines](#). Draft the appendices in English and append them to the application in the online services under *Appendices*. The only exception is the curriculum vitae (max. 4 pages), which is appended under *Personal data/CV*.

Personal travel:

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

Research grants for invited foreign researchers:



- curriculum vitae for the invitee, indicating date of birth, highest academic degree and previous visits to Finland on grants or on 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 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)
- tentative seminar programme

Participation in seminars:

- list of publications
- research plan, including a short description of the research 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)
- tentative seminar programme

## How to apply

The non-negotiable deadline is 24 September 2014 at 16.15. 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 4 B (Mobility to Finland) and 4 C (Mobility from Finland) of the call for applications (Sep 2014). Full costing is not applied to personal grants.

Before submitting your application, please check that you have chosen the correct category for the application:

- personal travel > **Mobility from Finland**
- participation in seminars (Chinese-Finnish or Japanese-Finnish) > **Mobility from Finland**
- research grants for inviting foreign researchers > **Mobility to Finland**
- arranging seminars in Finland (Finnish-Chinese or Finnish-Japanese) > **Mobility to Finland**.

## More information

For more detailed, country-specific information, see [International cooperation](#) on our website.

Contacts:



- Coordinator Kristiina Helansuo, tel. +358 295 335 022 (China/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)

### 3.4.2.2 JSPS Fellowship to Japan

The Academy of Finland and Japan Society for the Promotion of Science (JSPS) have agreed on fellowships to Japan. JSPS can grant researchers with a doctoral degree **JSPS Fellowships** to Japan for 12–24 months.

Applications are drafted on the JSPS form, which must be submitted to the Academy in writing. See [JSPS Fellowships](#) on our website for a link to the form and detailed guidelines.

The deadline for submitting applications for JSPS Fellowships to the Academy of Finland Registrar's Office (POB 131, 00531 Helsinki) is 24 September 2014 at 16.15.

#### More information

- Coordinator Kristiina Helansuo, tel. +358 295 335 022





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## 4 REVIEW OF APPLICATIONS FOR SPORT SCIENCE PROJECT FUNDING FROM THE 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 application meets the policy lines indicated in the Ministry's application guidelines. This aspect will be assessed by the National Sports Council's Sub-Committee for Sport Science, which will then submit to the Ministry a proposal on projects to be funded.

The funding decisions will be made by the Ministry in spring 2015. The funding period can start as early as 1 January 2015.

### Ministry policy

The Ministry of Education, Science and Culture supports research into themes defined by the Ministry and 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 is keen to support research that is highly applicable.

The Ministry's policies are presented in its annual [application guidelines](#).

### Eligibility and funding

The applicant is a site of research or an individual researcher with a doctoral degree. For more information on applicant qualifications and eligible costs, see the Ministry's [application guidelines](#).

### Restrictions

In accordance with the Finnish Act on Discretionary Government Transfers (688/2001), a research project cannot receive simultaneous funding for the same purpose from both the Ministry and the Academy. Nevertheless, if applying for



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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 24 September 2014 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](#).

### More information

- questions about the Ministry's funding (call objective, eligibility, restrictions, decisions, payment): Counsellor for Cultural Affairs Päivi Aalto-Nevalainen, tel. +358 295 330 054, 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: Science Adviser Vera Raivola (Academy of Finland, Health Research Unit), tel. +358 295 335 098



## 5 ADVANCE INFORMATION ON CALLS

The Academy's next main application round is in April 2015. The call for applications (in Finnish, Swedish and English) will be posted on our website in March. Applications can be submitted in the online services between 1 and 29 April 2015 (tentative schedule).

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

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

### 5.1 CALLS BY THE STRATEGIC RESEARCH COUNCIL

As part of the Finnish Government's comprehensive reform of research institutes and research funding, the Academy of Finland will be tasked with establishing a strategic research council. The amendment to the Act on the Academy of Finland, which includes provisions on the establishment of the new council, is expected to enter into force on 1 July 2014.

According to the general justifications in the amended Act, strategic research refers to problem-based, long-term and programme-based research of the highest quality. Strategic research responds to socio-political development needs by aiming to find solutions to the major challenges facing society. The Strategic Research Council (SRC) will draft proposals on research themes to be funded and submit these proposals to the Finnish Government, which will make the final decisions. The SRC will have independent decision-making power as to the programme-based structure of the funded research and the funding of projects. The multi-year projects to be funded will be selected through open competition and based on scientific quality, societal relevance and impact.

The first SRC call has been planned for November 2014 and the first funding decisions will be made in 2015.

#### More information

- [www.aka.fi/stn](http://www.aka.fi/stn)
- Senior Science Adviser Paavo-Petri Ahonen (Strategic Research Unit), tel. +358 295 335 005

### 5.2 INTERNATIONAL CALLS WITH THE ACADEMY AS FUNDING PARTNER

#### Baltic Sea Research and Development Programme (BONUS), Sustainable Ecosystem Services

The second thematic BONUS call, Sustainable Ecosystem Services, has opened. The BONUS EEIG Steering Group is set to decide in July 2014 on which consortia



are invited for funding negotiations. In August 2014, the Academy of Finland will open a call for invited applicants for those Finnish consortium partners who have been successful in the call.

#### More information

- Science Adviser Kyösti Lempa (Biosciences and Environment Research Unit), tel. +358 295 335 144
- [www.bonusportal.org/ses](http://www.bonusportal.org/ses)

#### NordForsk, Joint Nordic Initiative on Arctic Research

NordForsk is preparing a joint Nordic call on Arctic research to be opened later in 2014. The Academy of Finland may participate in the funding of this call.

#### More information

- [www.nordforsk.org/no/programs/noria-net-arctic](http://www.nordforsk.org/no/programs/noria-net-arctic)
- Programme Manager Tuula Aarnio, tel. +358 295 335 146, and Programme Manager Mikko Ylikangas, tel. +358 295 335 143

#### NordForsk, Health and Welfare

NordForsk has published a pre-announcement of a call within the Nordic Programme on Health and Welfare that will provide funding to five extensive joint Nordic research projects. The funding, a maximum of 30 million Norwegian kroner, will be granted for five years.

The theme of the call is **research into inequalities in the distribution of health and welfare**. Study targets may include ageing, education, ethnicity, gender, lifestyle (incl. physical activity) and working life (incl. retirement conditions). See the announcement for more details.

The call opens in June and closes mid-October. The Academy of Finland is prepared to participate in funding the call. The Nordic Programme on Health and Welfare provides funding to research consortia with researchers from at least three Nordic countries. Please see the programme's website for call deadlines and guidelines.

#### More information

- [NordForsk announcement](#)
- Director Jarmo Wahlfors (Health Research Unit), tel. +358 295 335 126
- Science Adviser Tiina Forsman (Culture and Society Research Unit), tel. +358 295 335 013

#### Joint Programming Initiative: More Years Better Lives – The Potential and Challenges of Demographic Change

The Academy of Finland is preparing to participate in a call within the Joint Programming Initiative More Years, Better Lives. The first call is set to open in March



2015. More information on call themes and participating countries will be available in late 2014. Funding will be available for international research consortia.

#### More information

- [www.jp-demographic.eu](http://www.jp-demographic.eu)
- Science Adviser Tiina Forsman (Culture and Society Research Unit), tel. +358 295 335 013
- Senior Science Adviser Sirpa Nuotio (Health Research Unit), tel. +358 295 335 082

#### JPND – neurodegenerative disease research

The Joint Programming Initiative on Neurodegenerative Diseases (JPND) is planning an international co-funded call to be launched in autumn 2014. The preliminary themes are:

- Identification of genetic, epigenetic and environmental risk and protective factors for neurodegenerative diseases
- Use of longitudinal cohorts in research into neurodegenerative diseases
- Advanced experimental models of neurodegenerative diseases.

Funding will be available for research consortia composed of researchers from several countries. Go to [www.neurodegenerationresearch.eu](http://www.neurodegenerationresearch.eu) for more details on call themes, schedules and criteria.

#### More information

- [www.neurodegenerationresearch.eu](http://www.neurodegenerationresearch.eu)
- Science Adviser Antti Hautaniemi (Health Research Unit), tel. +358 295 335 006
- Senior Science Adviser Sirpa Nuotio (Health Research Unit), tel. +358 295 335 082

#### ERANet-LAC

The Network of the European Union, Latin America and the Caribbean Countries on Joint Innovation and Research Activities (ERANet-LAC) is preparing its first joint call.

The Academy of Finland is preliminarily committed to participating in the following themes of the call:

- Biodiversity assessment and monitoring
- Biodiversity: screening for new bioactive metabolites and enzymes from terrestrial and marine micro-organisms for industrial use
- Energy: valorisation of agro-industrial and urban residues at biomass processing and consumption sites, bioenergy technologies
- Energy: solar technology in buildings and urban areas
- Solar thermal energy



The themes will be specified before the call text is published in early October. The call deadline is 27 November 2014. Please check the deadline on the ERANet-Lac website.

#### **More information**

- [www.eranet-lac.eu](http://www.eranet-lac.eu)
- Science Adviser Satu Huuha-Cissokho, tel. +358 295 335 075
- Science Adviser Jaana Lehtimäki (biodiversity), tel. +358 295 335 060
- Programme Manager Saila Seppo (energy), tel. +358 295 335 109

#### **NOS-HS cooperation in culture and society research**

The Joint Committee for Nordic Research Councils in the Humanities and Social Sciences (NOS-HS) will perhaps open a call for funding for exploratory workshops or some other call in early 2015. The content and schedule of the call will be confirmed in late October.

#### **More information**

- [www.nos-nop.org](http://www.nos-nop.org)
- Senior Science Adviser Päivi Messo (Culture and Society Research Unit), tel. +358 295 335 074

#### **International call within the TULOS research programme**

The Academy of Finland's research programme The Future of Learning, Knowledge and Skills (TULOS) is planning to launch a call for joint projects with Chile and possibly Brazil. The call has been planned for early 2015.

#### **More information**

- [TULOS website](#)
- Programme Manager Risto Viikko (Programme Unit), tel. +358 295 335 136

#### **EUI Doctoral Programme**

The European University Institute (EUI) in Florence, Italy, opens annual calls for its doctoral programmes within its four departments: History and Civilization, Economics, Law, and Political and Social Sciences. The next call will open in autumn 2014 and close in January 2015.

The language of instruction within the four-year doctoral programme is normally English. 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 EUI offers graduate students a unique opportunity to study in an international setting with a multidisciplinary approach. Some 160 doctoral candidates start their studies at the EUI each year. The aim is to select 3–5 postgraduate students from Finnish universities. The Academy of Finland provides grants to Finnish doctoral candidates selected to study at the EUI.



### More information

- [www.eui.eu/ServicesAndAdmin/AcademicService/DoctoralProgramme/Index.aspx](http://www.eui.eu/ServicesAndAdmin/AcademicService/DoctoralProgramme/Index.aspx)
- Science Adviser Jyrki Hakapää (Culture and Society Research Unit), tel. +358 295 335 017
- [applyres@eui.eu](mailto:applyres@eui.eu)

## 5.3 OTHER EUROPEAN CALLS

### EIT Knowledge and Innovation Communities (KIC)

The European Institute of Innovation and Technology (EIT) is set to launch five new Knowledge and Innovation Communities (KIC). These communities are a means to enable collaboration between research organisations, business companies and other partners. They promote the transformation of research into innovation and ideas into products and services to help boost European competitiveness.

The themes of the KIC call (which has already opened) are:

- Innovation for healthy living and active ageing
- Raw materials: Sustainable exploration, extraction, processing, recycling and substitution.

The call deadline is **10 September 2014** (check the EIT website).

### More information

- [EIT call for KIC proposals opens](#) (Academy news release)
- [eit.europa.eu](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

### ERC funding for researchers

The European Research Council (ERC) will launch the following calls in **October 2014 and early 2015**:

- ERC Advanced Grants (Oct 2014 and Jun 2015)
- ERC Starting Grants (Feb 2015)
- ERC Consolidator Grants (Mar 2015).

ERC invites applications from all fields of research.

### More information

- [ERC website](#)
- Science Adviser Maiju Gyran, Academy of Finland, tel. +358 295 335 015
- Science Adviser Hannele Lahtinen, Academy of Finland, 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:

- *research projects involving mainly two-year mobility* to any country for a researcher with a doctoral or Master's degree with at least four years' full-time research experience (Individual Fellowships)
- *short-term international and inter-sectoral 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](#) and [deadlines](#)
- MSCA national contact point, Science Adviser Satu Huuha-Cissokho, Academy of Finland, tel. +358 295 335 075

## Other calls within Horizon 2020

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

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





## APPENDICES

### APPENDIX 1 A: APPENDICES TO APPLICATION

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

- Academy Project
- Targeted Academy Project
- Academy Research Fellow or Postdoctoral Researcher
- Clinical Researcher
- research programmes (second application stage)
- Academy Professor (second application stage).

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

Append only the requested appendices to the application and make sure to draft them in line with the Academy's guidelines, see [Appendices](#) 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 posts, individual projects or project collaboration

Obligatory appendices:

- research plan, no more than twelve pages
- CV for the applicant
- 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 the call for research posts as Academy Research Fellow and 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 (if relevant); the ethical aspects must always be specified in the research plan
- statement by a Strategic Centre for Science, Technology and Innovation, confirming that the application is affiliated with the centre and justifying the significance of the project for the centre's operations
- progress report on all Academy-funded research projects headed by the applicant that have not submitted final reports

#### 2 Consortium application

Consortium applications can be considered only in funding calls for Academy Projects, Targeted Academy Projects and research programmes. For detailed



guidelines on how to draft consortium applications, see [Consortium application](#) on our website. The appendices, drafted in line with the guidelines, are appended only to the application of the consortium PI.

## 2.1 Application by consortium PI

The principal investigators of consortia apply for funding only for their own research team. The PIs append their curriculum vitae under *Personal data/CV*.

Obligatory appendices:

- research plan drafted in line with consortium guidelines, no more than 15 pages
- curricula vitae for PIs of consortium subprojects
- list of publications by consortium PI and PIs of consortium subprojects; in all lists, clearly indicate the ten most important publications (by each PI) for the project

Case-specific appendices:

- statement by an ethics committee or the Committee on Animal Experimentation (if relevant); the ethical aspects must always be specified in the research plan progress report on all Academy-funded research projects headed by the consortium PI and the PIs of the consortium subprojects 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 needed, several invitations combined as one scanned appendix
- statement by a Strategic Centre for Science, Technology and Innovation, confirming that the application is affiliated with the centre and justifying the significance of the project for the centre's operations

## 2.2 Application by PI of consortium subproject

The principal investigators of consortium subprojects apply for funding only for their own research team. No appendices are appended to the application of the subproject; the consortium PIs append them to their own application. However, the online application is completed in full.



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## APPENDIX 1 B: APPENDICES TO LETTER OF INTENT

The appendices listed below are appended to the application when an application is submitted for the first stage of two-stage calls:

- 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](#) 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
- list of publications by PI; clearly indicate the ten most important publications for the research plan

### 2 Letter of intent by research programme consortium

For more on how to draft a consortium application, see [Consortium application](#) on our website. The letters of intent are submitted only by the consortium PIs, who append their curriculum vitae under *Personal data/CV*.

- plan of intent for the consortium, no more than six pages
- curricula vitae for PIs of consortium subprojects
- lists of publications by consortium PI and PIs of consortium subprojects; in all lists, clearly indicate the ten most important publications (by the PIs of each subproject) for the research plan



## APPENDIX 1 C: APPENDICES IN INTERNATIONAL CALLS FOR JOINT PROJECTS

When an application is submitted for an international call for joint projects, the appendices listed below are appended to the application.

Append only the requested appendices to the application and make sure to draft them in line with the Academy's guidelines, see [Appendices](#) 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 for the Finnish PI, 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 curriculum vitae for the Finnish applicant 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 (if relevant); the ethical aspects must always be specified in the research plan
- statement by a Strategic Centre for Science, Technology and Innovation, confirming that the application is affiliated with the centre and justifying the significance of the project for the centre's operations
- progress report on all Academy-funded projects headed by the applicant that have not submitted final reports
- any other appendices indicated in the call text under *Appendices*



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

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

For detailed guidelines on how to draft consortium applications, see [Consortium application](#) on our website. The appendices, drafted in line with the guidelines, are appended only to the application of the consortium PI.

In addition, the following guidelines are also 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**. The foreign applicant must clearly indicate the ten most important publications for the research plan.

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


**APPENDIX 2: ACADEMY PROJECT FUNDING (SEP 2013), BY RESEARCH COUNCIL**

Research council	Applications		Funding (€)	
	Number	Success rate, %	Granted, spring 2014	Average amount <sup>1</sup>
Biosciences and Environment <sup>2</sup>	222	13	14,949,000	515,000
Culture and Society <sup>3</sup>	375	11	20,668,000	504,000
Natural Sciences and Engineering <sup>4</sup>	504	15	35,473,000	455,000
Health <sup>5</sup>	241	16	14,124,000	372,000

The Academy's contribution to funding in these decisions 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.

<sup>1</sup> The average funding for consortium subprojects in spring 2014 was 350,000 euros. This average figure is based on the 65 consortium subprojects that received funding.

<sup>2</sup> The Research Council for Biosciences and Environment strives to keep the total costs of projects as they are entered in the applications. However, the Research Council has reduced its funding contribution in applications where the sum applied for has exceeded 600,000 euros.

<sup>3</sup> In the September 2014 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.

<sup>4</sup> In the September 2014 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).

<sup>5</sup> In recent years, the Research Council for Health has granted Academy Projects a maximum of 450,000 euros in funding, and consortium subprojects a maximum of 280,000 euros.

For more information (e.g. previous funding decisions, review process, research council policy), please see [the research councils' own pages](#).


**APPENDIX 3: POSTDOCTORAL RESEARCH FUNDING (SEP 2013), BY RESEARCH COUNCIL**

Research council	Applications		Funding (€)	
	Number	Success rate, %	Granted, spring 2014	Average amount <sup>1</sup>
Biosciences and Environment	157	10	4,088,000	256,000
Culture and Society	337	9	7,316,000	244,000
Natural Sciences and Engineering	382	10	10,223,000	269,000
Health	129	12	4,280,000	267,000

Please note that the Academy's contribution to funding in these decisions (spring 2014) came to no more than 70% of the total costs. The amounts have been rounded to the nearest thousand.

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



## APPENDIX 4: CALCULATION OF SUPPORT TO INTERNATIONAL RESEARCHER MOBILITY 2014–2015

The Academy of Finland supports the international mobility of researchers:

- in research projects
  - as **mobility allowances** for outgoing mobility as part of the project's research costs (research projects, research posts), see Appendix 4 A of the call for applications (Sep 2014)
  - as **mobility grants** for non-EU researchers coming to Finland for periods of up to one year, see Appendix 4 B of the call for applications (Sep 2014)
- in the funding opportunity *International researcher mobility based on bilateral agreements* as research grants or personal grants, see Appendices 4 B and 4 C of the call for applications (Sep 2014).

### APPENDIX 4 A: CALCULATION OF MOBILITY ALLOWANCE

The amount of mobility allowances, 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:

a researcher with dependants: 1,500 euros/month

a researcher without dependants: 1,050 euros/month

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, research posts). The recommended amount should be enough to cover the costs of higher living expenses from living abroad.

Mobility allowance is applied for on the Academy's online form under *Other costs*. Travel costs for travel abroad are entered under *Travel costs*. If the researcher and his or her family stay abroad for at least six months, funding can also be applied for to cover the travel costs of the family.

The amounts, applicable as of September 2014, are recommended by the Academy and form the basis of the funding decision.





## APPENDIX 4 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 *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/month
PhD or equivalent	€1,800–2,500/month
Professor	€2,500–4,100/month

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

The following guidelines apply to 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 on the Academy's online form under *Other costs*. Travel costs are entered under *Travel costs*.

The following guidelines apply to 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 grant recipient'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 4 C: CALCULATION OF GRANTS FOR RESEARCHER MOBILITY (FROM FINLAND) BASED ON INTERNATIONAL AGREEMENTS

The funding opportunity *International researcher mobility based on bilateral agreements* is open for application only in September. These personal grants are based on the international agreements signed by the Academy of Finland. **The special conditions and additional information pertaining to this funding opportunity are listed in the call for applications (Sep 2014).**

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

In determining the amount of the grant, the sum may be increased by:

- 15% if the researcher holds a doctorate and receives no other salary or fee
- 20% if the researcher has minor dependants
- 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* on the online form). If the researcher and his or her family stay abroad for at least six months, funding can also be applied for to cover the travel costs of the family.

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



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more information on the taxation of grants, see the Finnish Tax Administration's website [www.vero.fi](http://www.vero.fi) (> Syventävät vero-ohjeet > Henkilöasiakkaan tuloverotus > Ansiotulot > Apurahat, in Finnish) and their Memorandum of 27Jan 2010, [New Universities Act and international situations](#) (in Finnish).

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### About this call for applications

This call for applications is based on a document on the criteria for research funding decisions, annually approved by the Board of the Academy of Finland. The calls that will open in September 2014 come under the document approved on 6 May 2014. The document (Criteria for research funding decisions 2013–2014) 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 this call for applications on 26 June 2014.

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

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