



ACADEMY OF FINLAND

## APRIL CALL 2–24 April 2013

NB. The deadline for the FIRI 2013 call (funding for research infrastructures) has been extended to 31 May at 16.15 (decision by Vice President for Research 18 March 2013).

NB. The deadlines for international calls vary: 11 March–24 May 2013.  
Please check the deadline in the call for applications.

The Academy of Finland finances high-quality and innovative research aiming at scientific breakthroughs, acts as science policy expert and strengthens the position of science and research. Our funding is based on open competition and independent peer review. In 2013, we will make funding decisions worth about EUR 317 million. Each year, some 5,000 people (i.e. some 3,300 FTEs) work on Academy-funded projects. We promote equality and especially encourage women to apply.

For more information on the Academy, go to [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 application rounds: April and September.

In April, funding is available for targeted Academy Projects, for instance.

In September, applications are invited for funding for Academy Projects, targeted Academy Projects and research programme projects. September is also when we invite applications for personal funding for research posts (i.e. Academy Professor, Academy Research Fellow, Postdoctoral Researcher and clinical researcher).

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

### 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](#). Please check the deadline for each call in the call text. Applications that have not arrived by the deadline will not be considered.

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 expect 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 (i.e. the principal investigator (PI) of a research project) for Academy of Finland research funding must have the qualifications of a professor or a docent or be a researcher with a doctorate, 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 shall 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 a project)
- Academy Project (PI of a consortium or consortium subproject)
- Postdoctoral Researcher
- Academy Research Fellow
- Clinical researcher (targeted funding).

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

An application consists of an online application and its appendices (normally 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 working hours
- research costs
- travel
- national and international collaboration and mobility
- preparation of international projects.

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

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

We require that the institution (e.g. university department) serving as the site of research undertake to provide the research project with the **necessary basic**



**facilities.** These are determined on the basis of 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 tele-communications, telephone, mailing, copying and library services, etc.

In the application, you shall give a **cost estimate** including an estimate of the annual amount of funding needed, itemised by type of expenditure. You shall 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 shall be realistic and **justified by type of expenditure in the research plan**.

### Who gets personal grants?

Personal grants are normally awarded only for work or studies abroad and for a research visit by a researcher from a non-EU country to Finland for a maximum of twelve months (this does not apply to so-called mobility grants). A research visit exceeding twelve months requires an employment relationship in Finland. The recommended amounts of monthly grants and a note concerning taxation are available in Appendices 2 and 3 of the call for applications and on our website under [Monthly grants abroad and in Finland](#).

Grants are not paid to EU citizens working in Finland. While working in Finland, EU citizens shall have an employment relationship.

### Salary costs of principal investigator

Academy funding for research projects (Academy Projects, targeted projects, research programme projects) is primarily intended for the **salaries of full-time researchers working on the project and for other research costs**. The salary costs of the principal investigator (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 reasons in terms of the research. Read more below.

#### 1) Including the PI's salary in the total costs

The salary costs of the PI of a research project can be incorporated into the project costs to be funded, in accordance with the full cost model and the research plan. However, these costs must not be significant in relation to the project's total costs. As a rule, a four-year research project must not include more than six months of the PI's effective working hours. This is equivalent to one day a week or 1.5 months a year.

The PI's **tasks must be clearly described** in the research plan (section 5, *Implementation*). The salary shall be indicated in the application under *Project funding, Salaries*.

#### 2) Applying for funding for the PI's salary for research

The Academy can grant a maximum of twelve months worth of funding towards the salary of a PI for purposes of conducting research. The funding is intended to support project implementation, and it is granted only for well-substantiated reasons in terms



of the research (e.g. working abroad, returning to Finland, and transferring to another research organisation or a company in Finland).

**These well-substantiated reasons** shall be clearly presented in the research plan (section 5, *Implementation*), **with a clear description of the tasks of the PI**. The salary shall be indicated in the application under *Project funding, Salaries*.

### 3) Granting salary funding to a PI with no employment relationship

If the PI of a research project 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. Applicants must give an account of these details at the application stage.

Retired researchers cannot be granted funding for their own salary or personal grants. However, 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 (i.e. with their own application) for funding for their projects and describe the collaboration in each research plan. The Academy reviews project collaboration applications as separate applications.

Applicants for research funding may also be **consortia 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 individual 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 Academy reviews a consortium application as one application, and the funding decision is made by a research council or subcommittee at the Academy.

The application of the whole 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.

Detailed guidelines on how to draft consortium applications and appendices are available on our website under [Consortium application](#).

### Strategic Centres for Science, Technology and Innovation

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

The research may 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, the following guidelines apply to your application:

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 the strategic centre, you shall attach a statement issued by the centre. The statement shall
  - confirm that your project is affiliated with the strategic centre
  - give a description of the role and significance of the project for the centre's operations
  - agree on the form and content of the collaboration between the project and the relevant centre.
2. If your application is not directly affiliated with a strategic centre, but you consider that the application **has relevance** to the centre's thematic area, you shall justify this in your research plan.

The applications are reviewed in line with the Academy's general practices and criteria. Our general evaluation criteria are available on our website under [Evaluation criteria](#). Read more on the strategic centres [on our website](#) and on the centres' websites at [www.shok.fi/en](http://www.shok.fi/en).

### Reviewing/not reviewing applications

Academy funding is based on a scientific review of the research plan and the applicant. The Academy uses mainly foreign experts as reviewers. **We therefore ask you to submit your application and appendices in English**, in order to

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

However, applicants have the right to submit their application in Finnish or Swedish.

You will normally address your application to one of the Academy's research councils. To ensure a successful review of the application, it is important that – in addition to your **research field** – you also enter **keywords** describing your research and research methods. For more information, see our website under [Research field classification](#) and [Research fields hosted by the Research Councils](#).

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

### Topical guidelines on appendices

Detailed guidelines on how to draft appendices are available on our website under [Appendices](#).



## Researcher's CV in line with new model

The Finnish Advisory Board on Research Integrity (TENK), Universities Finland (UNIFI), the Rectors Conference for Finnish Universities of Applied Sciences (Arene) and the Academy of Finland have drafted a model for a researcher's curriculum vitae, posted on the [Advisory Board's website](#). This model CV provides guidelines on how to draft an appropriate CV from the perspective of research ethics in a way that presents an researcher's merits as comprehensively and truthfully as possible and in such a way that they facilitate comparisons between applicants. We ask you to draft your CV in line with the Advisory Board's and the [Academy's guidelines](#), taking into account the nature of the call, your research career stage and the standards of the scientific discipline in question.

## List of publications in line with new classification

Please write your list of publications using the classification based on the classification by the Ministry of Education, Science and Culture (2010). Read more under [Appendices](#) and the [Ministry's Publication Type Classification Manual](#) on our website.

## Give account of ethical issues, data management and mobility

The **ethical issues and responsibilities** to be considered in connection with the application stage are described on our website under [Ethical guidelines and applying for funding](#). 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 Academy is committed to complying with the guidelines on responsible conduct of research and procedures for handling allegations of misconduct, issued by the Finnish Advisory Board on Research Integrity. Consequently, in Academy-funded research, we require that both applicants and sites of research commit to complying with responsible conduct of research and adhering to the Advisory Board's guidelines. The revised guidelines ([Responsible conduct of research and procedures for handling allegations of misconduct in Finland](#), PDF) became effective on 1 March 2013.

We also require that you give an account of how your project proposes to obtain its research materials, how the materials produced by the project will be used, stored and protected and how the subsequent use of the materials will be facilitated. The account, referred to as a **data management plan**, shall also cover the rights of ownership and use pertaining to the material used and generated by the project. We recommend that Academy-funded projects also investigate the possibility of long-term storage of data.

We further recommend that Academy-funded research projects deliver any social science research data they have gathered to the [Finnish Social Science Data Archive](#). It is also our recommendation that any language material created within the projects be made available to other researchers through the FIN-CLARIN system.

Your application must also include a **mobility plan**. In the application (under *Mobility*), you shall describe how the project intends to carry out mobility serving the



project within Finland and abroad during the funding period. In addition (under *Partners*), you shall describe how partners will participate in the project. If you are applying for a research post as Postdoctoral Researcher or Academy Research Fellow, also give an account of your previous mobility (under *Previous mobility*).

You shall describe the mobility, the partners and how the project intends to use research infrastructures both in the application (in detail) and in the research plan.

For detailed guidelines on how to draft a research plan, see [Research plan](#) on our website.

## 1.2 FOR SITES OF RESEARCH

### Funding conditions

The Academy will provide funding for research projects only insofar as 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 (referred to as 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 host organisation – not the researcher – is regarded as the recipient of the transfer (in accordance with the 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 the transfer 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 the use of funding and reporting, see our website under [Use of funding](#).

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

Academy research funding is a **joint venture** 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 contributing their percentage of the costs.

In calls where **full costing** is applied to the cost calculation, the Academy's contribution to funding **normally comes to no more 70% of total project costs** (as of the September 2012 call).

In your application, you shall include a funding plan in accordance with the full cost model, including the amount of funding applied for from the Academy. Applications shall be written so as to ensure that the Academy's contribution to the funding comes to no more than the percentage indicated in the call for applications.



Before submitting your application, you shall contact the administration at your own organisation concerning the contribution of the site of research to the funding of your project. Costs that do not pass through the books of the site of research shall not be included in total project costs. Applicants shall check from their own organisation if the funding planned as the own funding contribution fits in with this purpose. 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) in the calculation of the total project costs.

The maximum percentage of funding 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 the overheads share.

For more on the full cost model, see our website under [Full cost model](#) and [Full cost model: principles and definitions](#).

Full costing was introduced in Academy funding in 2009. Earlier, overheads were compensated through the additional cost model. The additional cost model is still applied to the salary funding of 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) as overheads costs 14.29%, in which case the decision includes an overheads percentage of 12.5%.

### Commitment by site of research

The Academy will provide funding for research projects only insofar as the application includes a commitment by the site of research. Applicants shall agree on this commitment **in advance** with a representative of the site of research. After the deadline, we will request the commitment by the site of research from the person indicated in the application. Read more under [Commitment by site of research](#) on our website.

In calls where the full cost model is applied, you shall – 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 indicated will be valid during the entire duration of the project.

After the deadline, we will request the commitment by the site of research from the person indicated in the application. They will issue the commitment on behalf of the site. By issuing this commitment, the site of research undertakes to

- 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, etc.
- fund the project (in accordance with the full cost model) with the funding contribution presented in the funding plan



- check (regarding projects to which the full cost model 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 adhering to the revised guidelines on [responsible conduct of research and procedures for handling allegations of misconduct in Finland](#), issued by the Finnish Advisory Board on Research Integrity (effective as of 1 March 2013).

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 discretionary government transfer on behalf of the applicant and will accordingly be required to assume all related obligations.

With respect to applicants 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.

If funding is not received from any other sources, the site of research shall cover **at least 30%** of total project costs (as of the September 2012 call). If funding is received from other sources, the contributions by other sources must also pass through the books of the site of research.

Read more on how to issue a commitment by the site of research online under [Commitment by site of research](#) on our website.

### 1.3 SUBMITTING APPLICATIONS, APPLICATIONS PENDING, PUBLICITY AND PUBLIC DESCRIPTION

#### Submitting applications, when applications become pending

Applications for the April 2013 call can be drafted and submitted in the Academy's online services as of Tuesday 2 April 2013. The deadline is Wednesday 24 April 2013 at 16.15, if not otherwise indicated in the call for applications. Please note that the deadline is non-negotiable and that the international calls may have a non-standard application procedure and deadline. To ensure smooth drafting and submission, it is important that you submit your application well in advance of the deadline.

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

According to Section 17 of the Finnish Administrative Procedure Act, the sender is responsible for the application arriving by the set deadline. Applications not received by the deadline can only be considered if the delay or failure of submission is due to causes not attributable to the applicant.

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.



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**NB. In calls based on full costing, you cannot submit an application in which the Academy's contribution to funding has been given as higher than the percentage indicated in the call text. Nor will the system accept applications that lack obligatory appendices.**

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

Only append the requested appendices to your application and make sure not to exceed the maximum length of appendices indicated in the guidelines.

### Supplementing your 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 needed changes and resubmit your revised application by the deadline. The resubmitted application will replace the earlier version.

If you have, for example, received a letter of invitation from a foreign university **after the deadline has expired**, or if you notice significant omissions in your application after the deadline, you should immediately contact the person named in the call for applications (under *More information*), who will open the application for your supplementary additions. These additions will be taken into account insofar as it is possible in view of the review, application processing and decision-making process. Do not submit your new appendices via the so-called additional information feature, as 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 an exception to this rule.

### Clear and readable public description

If a project is granted funding, we will publish a description of the project on our website. The description is written by the applicant in connection with the drafting of the application. Finnish- or Swedish-speaking applicants write their descriptions in Finnish or Swedish. All applicants shall also write a description in English.

The public project description is a means for the Academy and researchers to disseminate information on Academy-funded research. Consequently, it is important that the description be as clear and readable as possible – it should be accessible to a general audience. It shall give the reader a brief summary of the key points of the research. For more details, see [Public description of project](#) on our website.



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We will not edit project descriptions – it is the applicants themselves who are responsible for the content, clarity and style of the descriptions.

#### 1.4 INFORMATION ON DECISIONS

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

You will receive an automatic **email message** after the funding decision has been made. After receiving this message, you can log in to the **online services** with your user identification, 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

When you have been granted funding, you must accept it in the online services without delay. After this, the system will send a notification to the person who issued the commitment by the site of research. The commitment issuer must also accept the granted funding, after which the system will notify the funding to the finance administration of the site of research, and the funds will be 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 April 2013

## 2 RESEARCH

### 2.1 RESEARCH PROGRAMME ON THE FUTURE OF LEARNING, KNOWLEDGE AND SKILLS (TULOS), LETTERS OF INTENT

#### Aim

The research projects under the Research Programme on the Future of Learning, Knowledge and Skills are aligned with 21<sup>st</sup> century knowledge and skills needs in education and at work as well as the needs of future societies and the future global world. The projects are multidisciplinary or interdisciplinary and relevant to society. The programme underlines the importance of closer dialogue and exchange across various disciplines represented by the Academy's research councils, and it will be aiming to promote such dialogue among other things by means of methodological integration and national and international networking.

Funding is granted particularly to projects that meet the programme aims:

- to produce new and more advanced knowledge and understanding of the various themes covered by the programme
- to promote national and international research collaboration
- to encourage the further development of research methods and the more integrated use of these methods
- to impact dialogue in society and boost dissemination of information on research results.

The programme's research thematic areas include:

- demands arising from changes in society to learning, skills and teaching
- learning analytics and multilevel assessment of learning
- future learning environments and user-generated content
- learning environments in developing societies
- improving individual conditions for learning at different age stages.

The programme's content and aims are described in more detail in the programme memorandum.

#### Applicant

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

#### Funding period

The projects within the programme will be funded for four years. As a rule, the funding period starts 1 January 2014. Additional calls may be launched at a later stage.

The Academy's funding for the four-year programme amounts to EUR 10 million. The other funding agency is the Finnish Work Environment Fund, which will decide on its funding at a later stage. The Fund will fund projects whose focus and thematic areas



fit in with its own objectives. The Academy and the Fund will use their own procedures and criteria when making funding decisions.

### Programme memorandum

The memorandum contains more detailed information on the programme's background, aims, themes and review criteria. The memorandum is available on our website at [www.aka.fi/TULOS](http://www.aka.fi/TULOS) > English. Applicants are requested to carefully read the programme memorandum in order to submit a competitive application.

### How to apply

The research programme has a two-stage call. The deadline for letters of intent is **24 April 2013 at 16.15**. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **TULOS 2013, letters of intent**). At the letter of intent stage, applications are submitted only to the Academy.

Draft the application so as to ensure 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](#) on our website.

Projects proceeding to the second stage will be selected on the basis of the plans of intent in June 2013. Applicants requested to submit full applications shall submit their applications in the Academy's online services no later than 2 September 2013 at 16.15. The deadline is non-negotiable. Applicants who apply for funding from the Finnish Work Environment Fund shall submit a separate application to both the Academy and the Fund. In these cases, we recommend that applicants contact the Fund when they are preparing applications for the second stage.

If the applicant is a consortium, see detailed guidelines on our website under [Consortium application](#). At the letter of intent stage, only the consortium leader submits the application. At the full application stage, the applications of all consortium subprojects must be submitted by the deadline. The application of the whole consortium can be processed only if the applications of all subprojects have been submitted by the set deadline. The composition of the consortium cannot be changed after the deadline.

### Appendices

See Appendix 1 B, Appendices to letters of intent.

### More information

- Programme Manager Risto Vilkkö (Programme Unit), tel. +358 29 533 5136
- Programme Manager Mikko Ylikangas (Programme Unit), tel. +358 29 533 5143
- Project Officer Ritva Helle (Programme Unit), tel. +358 29 533 5023
- Managing Director Kenneth Johansson (Finnish Work Environment Fund), tel. +358 9 6803 3310
- [www.aka.fi/TULOS](http://www.aka.fi/TULOS) > English



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## 2.2 RESEARCH PROGRAMME ON THE HUMAN MIND: INTERNATIONAL CALLS

### 2.2.1 Joint project call: The human mind (Academy and RFH, Russia)

#### Aim

The Academy of Finland and the Russian Foundation for the Humanities (RFH) have decided to launch a call for joint projects with a view to promoting Finnish-Russian research collaboration in the field of the human mind. The thematic areas of the joint call are:

- development of the human mind, growth and learning
- the human mind, expression and language
- the human mind and health
- the human mind, experience and interaction.

Within the call, funding is granted to research projects in the humanities and social sciences.

The aim is to support long-term and systematic research collaboration and to promote and strengthen research networks between Finland and Russia. Applications must involve research teams from both countries.

The projects will be funded in Finland by the Academy and in Russia by the RFH. Both agencies will fund only research that is carried out in their own country. The Academy's funding is a maximum of EUR 350,000 per project.

#### Funding period

The funding is granted for a maximum of three years, starting 1 January 2014.

#### Review of applications

The Academy and the RFH will carry out the review of applications in line with their own practices.

The most important review criteria are:

- scientific quality and innovativeness of the joint research plan
- added value to be expected from the Finnish-Russian research collaboration.

Other review criteria:

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

The funding agencies will decide on the joint projects to be funded on the basis of the scientific reviews and the consensus achieved in discussions.

#### Joint research plan

The PIs of all subprojects of a bilateral project shall submit a joint application to their national funding agency in line with its guidelines. The costs must be justified and clearly described in the project budget, and the costs of the Finnish partner must be



in line with the Academy's guidelines. To ensure successful collaboration, applicants should draft a sufficient budget for researchers' travels between Finland and Russia.

## Appendices

See Appendix 1 C, Appendices to application in international joint project calls. Please note that only the budget of the partner applying for funding from the Academy shall be included in the research plan.

## How to apply

**Please note the non-standard application procedure.** The non-negotiable deadline is **24 May 2013 at 16.15**. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Joint project call: The human mind (Academy and RFH)**).

Draft the application so as to ensure 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](#) on our website.

Applicants are requested to contact the contact person of the call before drafting their application. The Russian partners apply for funding from the RFH in line with RFH guidelines.

## More information

- Programme Manager Mikko Ylikangas (Programme Unit), tel. +358 29 533 5143
- Vladimir Zakharov, Director of Regional, International and Targeted Calls (RFH), tel. +7 499 7028556, [zakharov@rfh.ru](mailto:zakharov@rfh.ru)

### 2.2.2 Joint project call: The human mind (Academy and NSFC, China)

#### Aim

The Academy of Finland and the National Natural Science Foundation of China (NSFC) have decided to launch a call for joint projects with a view to promoting Finnish-Chinese research collaboration in the field of the human mind. The themes of the call are brain plasticity and learning.

The aim is to support long-term and systematic research collaboration and to promote and strengthen research networks between Finland and China. Applications must involve research teams from both countries.

The projects will be funded in Finland by the Academy and in China by the NSFC. Both agencies will fund only research that is carried out in their own country. The Academy's funding is a maximum of EUR 350,000 per project.

#### Funding period

The funding is granted for a maximum of three years, starting 1 January 2014.



## Review of applications

The Academy and the NSFC will carry out the review of applications in line with their own practices. The funding agencies will decide on the joint projects to be funded on the basis of the scientific reviews and the consensus achieved in discussions.

The evaluation criteria are:

- relevance of the research project to the theme of the call
- scientific quality and innovativeness of the research plan
- feasibility of the research plan
- cost-effectiveness of the budget
- competence and expertise of the researchers/research teams
- communication and collaboration between researchers of both countries and added value to be expected from the collaboration
- mobility of researchers between the participating countries.

## Joint research plan

All subprojects of a bilateral project shall submit a joint application to their national funding agency in line with its guidelines. The costs must be justified and clearly described in the project budget. The costs of the Finnish partner must be in line with the Academy's guidelines. To ensure successful collaboration, applicants should draft a sufficient budget for researchers' travels between Finland and China.

In research visits between Finland and China, the visiting researcher pays the international flights and the receiving partner covers the visiting researcher's travel, accommodation and daily allowances in the target country. Since the joint projects are funded on a bilateral basis, researcher mobility between the participating countries should be balanced.

## Appendices

Obligatory appendices (both to the Academy and the NSFC):

- 1) specific Chinese-Finnish [application form](#)
- 2) joint abstract (no more than one page, 12 pt and 1.5 line spacing)
- 3) joint research plan (no more than 15 pages, 12 pt and 1.5 line spacing), including:
  - a general description of the project (scope, topic, relevance, overall approach, timetable and research methods)
  - a clear description of the planned research collaboration with responsibilities of both partners
  - a description of the bases and the added value of the Finnish-Chinese collaboration
  - a justification for the costs applied for
  - a description of the project's significance to researcher training and the development of the research environment
- curricula vitae for the PIs of both partners (no more than two pages, 12 pt and 1.5 line spacing)
- lists of publications by the PIs of both partners.



#### 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 shall always be specified in the research plan
- a 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.

Only the requested appendices are appended to the application. Make sure to draft the appendices in line with the Academy's guidelines, see [Appendices](#) on our website. The maximum length of appendices indicated in the guidelines must not be exceeded. The appendices are drafted in English and appended to the application in the online services under *Appendices*. The only exception is the curriculum vitae, which is appended under *Personal data/CV*.

#### How to apply

The deadline is **24 April 2013 at 16.15**. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Joint project call: The human mind (Academy and NSFC)**).

Draft the application so as to ensure 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](#) on our website.

The Chinese partners apply for funding from the NSFC in line with NSFC guidelines.

#### More information

- Programme Manager Tiina Jokela (Programme Unit), tel. +358 29 533 5046
- Ms Fan Yingjie (NSFC), tel. +86 (0)10-62 32 5309, [fanyj@nsfc.gov.cn](mailto:fanyj@nsfc.gov.cn)

#### 2.2.3 ERA-NET NEURON 2013: The human mind

##### Aim

The 2013 Joint Translational Call of the ERA-NET NEURON has been opened under the theme "European Research Projects on Mental Disorders". Within this call, the Academy's Research Programme on the Human Mind (MIND) has reserved a total of EUR 700,000 for two projects involving a Finnish researcher (EUR 350,000/project). Through their projects, the Finnish researchers to be funded will be incorporated into the MIND programme and participate in the activities of both the ERA-NET NEURON and the MIND programme.

For detailed application guidelines and application forms, see the ERA-NET NEURON website at [www.neuron-eranet.eu](http://www.neuron-eranet.eu).



## How to apply

Please note the non-standard application procedure. The project coordinators shall submit their pre-proposals via the ERA-NET NEURON website. **The deadline is 11 March 2013.**

At this stage, proposals shall not be submitted to the Academy. The call applies the same eligibility criteria and funding principles as those applied to Academy Projects. The full cost model also applies. The Academy's funding contribution comes to no more than 70% of a project's total costs.

## More information

- [www.neuron-eranet.eu](http://www.neuron-eranet.eu)
- Programme Managers Mikko Ylikangas (Programme Unit), tel. +358 29 533 5143, and Tiina Jokela (Programme Unit), tel. +358 29 533 5046
- ERA-NET contact: Science Adviser Hannele Lahtinen (Programme Unit), tel. +358 29 533 5055

## 2.3 TARGETED INTERNATIONAL CALLS

### 2.3.1 ERA-NET WoodWisdom-Net+: Research on forest industry transformation

#### Aim

WoodWisdom-Net+ is an ERA-NET network involving 20 funding agencies. The network will open its fourth joint call for proposals in February 2013. The overarching aim is to support the total transformation of the European forest industry with a view to enabling it to increase resource efficiency and develop a totally new product scope. The Academy of Finland Research Council for Natural Sciences and Engineering is prepared to fund Finnish researchers who carry out research in the thematic areas of the call and who have been successful in the call.

The aim is to promote and strengthen networking and research collaboration between Finnish and other European researchers and end-users of research results. Applicants for funding can be international joint projects involving partners from at least three countries participating in the network. Researchers from other countries may also participate with funding from other sources.

#### Funding

The Research Council for Natural Sciences and Engineering has earmarked a maximum of EUR 1.5 million for projects within this call. The funding can be applied for researcher salaries and research costs. The funding is granted for a maximum of three years, starting in spring 2014 at the earliest.

The funding agencies will together decide on the projects to be funded. Each national funding agency participating in the call will fund researchers of its own country. The projects that are successful in this call will be requested to submit a separate application in the Academy's online services. The final funding decisions will be made at the Academy. The Academy's guidelines and conditions on funding decisions will be applied to these decisions.



## How to apply

The international call for proposals, the description of the application procedure and the guidelines and terms are available on the network's website. Finnish applicants shall follow both the international guidelines and the Academy's general application guidelines. Researchers who intend to submit a proposal within this call are requested to contact the contact person at the Academy in advance.

Please note the non-standard application procedure. Applications must be submitted via the WoodWisdom-Net+ website. The call has two stages; the deadline for submitting pre-proposals is **30 April 2013**.

WoodWisdom-Net+ will request the joint projects that will proceed to the second stage to submit their full proposals by 24 September 2013.

## More information

- Science Adviser Maaria Lehtinen (Natural Sciences and Engineering Research Unit), tel. +358 29 533 5061
- WoodWisdom-Net+, [www.woodwisdom.net/index.htm?do\\_id=911&mi\\_id=1311](http://www.woodwisdom.net/index.htm?do_id=911&mi_id=1311)
- WoodWisdom-Net Secretariat: Mika Kallio, [mika.kallio@woodwisdom.net](mailto:mika.kallio@woodwisdom.net), tel. +358 50 361 2694
- Coordinator: Ilmari Absetz, [ilmari.absetz@tekes.fi](mailto:ilmari.absetz@tekes.fi), tel. +358 29 505 5837

### 2.3.2 ERA-NET NORFACE: Welfare State Futures Research Programme

#### Aim

The ERA-NET project Norface (New Opportunities for Research Funding Agency Cooperation in Europe) has opened a call for the Welfare State Futures Research Programme. Norface is a partnership between 15 European research councils to support social science research. The research programme provides funding for high-standard social science research by international research teams. The Academy of Finland's Research Council for Culture and Society is involved in cooperation within Norface.

The projects within the programme can be funded for a maximum of three years and they must involve researchers from at least three countries participating in the programme. The total funding will amount to a maximum of EUR 1.5 million for three years. Each participating national funding agency has its own eligibility requirements (see annex on the Norface website). The research projects can start in August 2014 at the earliest.

The description of the research programme and the detailed application guidelines are available at [www.norface.net/pagina.asp?id=955](http://www.norface.net/pagina.asp?id=955). The call has two stages.

#### How to apply

Please note the non-standard application procedure. The pre-proposals shall be submitted via the Norface website. The deadline is **16 April 2013 at 11.59 (CET)**.



## More information

- [www.norface.net](http://www.norface.net), and the Academy's website > [Norface](#)
- Science Adviser Jyrki Hakapää (Culture and Society Research Unit), tel. +358 29 533 5017

### 2.3.3 European Joint Programming Initiatives (JPI)

[Joint Programming](#) (JP) is one of the European Commission's main initiatives in support of the European Research Area (ERA). The overall aim of the JP process is to pool national research efforts in order to make better use of Europe's public R&D resources and to tackle common European or global societal challenges more effectively. JP focuses on urgent European or global challenges that cannot be solved through national measures alone. Funding is currently available in two calls.

#### 2.3.3.1 JPND, neurodegenerative diseases research

##### Aim

The European Commission has launched a pilot initiative for the Joint Programming project Initiative in neurodegenerative diseases (incl. Alzheimer's disease), Joint Programming on Neurodegenerative Diseases (JPND). In December 2012, JPND launched a call under the theme *European research projects for the identification of genetic, epigenetic and environmental risk and protective factors for neurodegenerative diseases*.

The Academy of Finland will fund Finnish projects that have been successful in the call. The Academy's Research Council for Health has earmarked targeted Academy Project funding for 2–4 projects for three years, totalling a maximum of EUR 800,000.

##### How to apply

Please note the non-standard application procedure. The detailed guidelines and terms are available at the JPND website at [www.neurodegenerationresearch.eu](http://www.neurodegenerationresearch.eu). Proposals can only be submitted via that website. The deadline is **19 March 2013**.

The call has two stages. The Academy will ask Finnish researchers who have been successful in the international call to submit a separate application in the Academy's online services. Detailed guidelines will be provided at a later stage.

Finnish applicants shall follow both JPND's and [the Academy's general application guidelines](#) (incl. guidelines on the eligible costs of Academy projects). Researchers who intend to submit a proposal in this call are asked to contact the contact persons at the Academy in advance.

## More information

- [www.neurodegenerationresearch.eu](http://www.neurodegenerationresearch.eu)
- Science Adviser Sanna Marjavaara (Health Research Unit), tel. +358 29 533 5070
- Director Jarmo Wahlfors (Health Research Unit), tel. +358 29 533 5126



### 2.3.3.2 FACCE JPI, agricultural greenhouse gas research

#### Aim

The Joint Programming Initiative on Agriculture, Food Security and Climate Change (FACCE JPI) has launched a call for multinational projects. The Academy of Finland participates in the call together with other European research funding agencies and funding agencies from Canada, New Zealand and the United States. Within the call, funding is granted to research consortia composed of researchers from several countries. The Academy has earmarked a maximum of EUR 500,000 in funding for projects that involve a Finnish researcher.

#### How to apply

The application guidelines and forms are available on the FACCE website at [www.submission-faccejpi.com](http://www.submission-faccejpi.com).

Please note the non-standard application procedure. Pre-proposals are submitted by the project coordinator via the FACCE website. The deadline is **27 March 2013**.

At this stage, proposals shall not be submitted to the Academy. The call applies the same eligibility criteria and funding principles as those applied to Academy Projects. The full cost model also applies. The Academy's funding contribution comes to no more than 70% of a project's total costs.

#### More information

- [www.faccejpi.com](http://www.faccejpi.com)
- Senior Science Adviser Jaana Roos (Programme Unit), tel. +358 29 533 5100

## 2.4 OTHER INTERNATIONAL CALLS

### 2.4.1 ERA-NET ERAfrica: *Interfacing Challenges*

#### Aim

The ERA-NET ERAfrica has opened a call for joint projects. The Academy of Finland participates in this call with an allocation from the Finnish Ministry for Foreign Affairs. The funding concerns applications within the call theme *Interfacing Challenges*.

The *Interfacing Challenges* theme provides an opportunity for European and African researchers to network and carry out multidisciplinary research of mutual interest at the interface of key social challenges. Of particular interest are societal challenges related to

- food security
- energy security
- health
- climate change mitigation
- the development of an information society.

The aim is to promote and strengthen networking and research collaboration between Finnish, European and African researchers. A precondition for the funding is that the



collaboration is carried out between researchers from at least two European and two African countries.

The partners of a joint research project (i.e. the ERAfrica partners) shall be European and African researchers from the countries funding the call. Finnish researchers must have a European partner from at least one of the following countries (Austria, Belgium, France, Germany, the Netherlands, Portugal or Turkey) and African partners from at least two of the following countries (Burkina Faso, Egypt, Ivory Coast, Kenya and/or South Africa). The projects may also include researchers from other countries with funding received from other sources.

## Funding

The Ministry for Foreign Affairs has earmarked a total of EUR 150,000 for the call, which can be divided among one or several projects. The funding is granted for a maximum of three years, starting 1 June 2014.

Researchers applying for funding from the Academy can include in the project's budget:

- travel and accommodation costs of the applicant or members of the research team, related to the research to be conducted with the ERAfrica partner
- travel and accommodation costs of ERAfrica partners to and in Finland to conduct research (see our website under [Grant amounts](#))
- moderate costs arising from arranging seminars for ERAfrica partners in Finland
- moderate costs arising from the participation of ERAfrica partners in seminars in Finland and abroad
- minor materials costs, necessary for the research (max. EUR 5,000).

## How to apply

Please note the non-standard application procedure. Researchers shall submit their proposals in the online system ([www.pt-it.de/ptoutline/application/erafrica\\_IC](http://www.pt-it.de/ptoutline/application/erafrica_IC)) of the Common Call Management, a body under the International Bureau of the German Federal Ministry of Education and Research at the German Aerospace Centre (PT-DLR). PT-DLR will also be in charge of the evaluation of the proposals. The deadline is **15 April 2013**.

The international call for proposals, a description of the application procedure and a list of appendices are available on the ERAfrica website at <http://erafrica.eu>.

The funding agencies will together decide on the projects to be funded. Each funding agency will fund researchers of its own country. The projects that are successful in the call will be given separate guidelines on how to submit an application to the Academy.

## More information

- <http://erafrica.eu>
- Science Adviser Ulla Ellmén (Programme Unit), tel. +358 29 533 5011
- Science Adviser Riitta Launonen (Culture and Society Research Unit), tel. +358 29 533 5059



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- ERAfrica contact in Finland: Melissa Plath, [melissa.a.plath@jyu.fi](mailto:melissa.a.plath@jyu.fi), tel. +358 40 024 8075
  - Contact person for *Interfacing Challenges* theme at PT-DLR: Sabrina Legies, [sabrina.legies@dlr.de](mailto:sabrina.legies@dlr.de) and [info@erafrica.eu](mailto:info@erafrica.eu), tel. +49 228 3821 1421

#### 2.4.2 NOS-HS: Nordic exploratory workshops in the field of culture and society

##### Aim

The Joint Committee for the Nordic Research Councils in the Humanities and Social Sciences (NOS-HS) has opened a call for exploratory workshops with the aim of accelerating new scientific collaboration. Applications shall be jointly drafted by researchers from at least three Nordic countries.

##### How to apply

The detailed application guidelines have been posted on the NOS-HS website. Please note the non-standard application procedure. Applications are submitted to the NOS-HS via the website of the Research Council of Norway (RCN). The deadline is **10 April 2013 at 13 (CET)**.

##### More information

- [www.nos-nop.org](http://www.nos-nop.org)
- Senior Science Adviser Päivi Messo-Lindén (Culture and Society Research Unit), tel. +358 29 533 5074
- NOS-HS Secretary Hedvig Buene, [hb@rcn.no](mailto:hb@rcn.no), tel. +47 2203 7242



## 3 RESEARCHER

### 3.1 FUNDING FOR NSF GRADUATE RESEARCH FELLOWS FOR RESEARCH IN FINLAND

#### Aim

The US National Science Foundation (NSF) awards Graduate Research Fellow (GRF) grants to talented US researchers working on their doctoral thesis for research spells in Finland or some other country included in the Graduate Research Opportunities Worldwide (GROW) programme. The NSF and the Academy of Finland have agreed that Graduate Research Fellows can come to work on a research team of an Academy Centre of Excellence or an Academy Professor. Funding can be applied for from the Academy for grants to be paid to Graduate Research Fellows coming to Finland.

#### Applicant

Grants are applied for by the Academy Professor or the Centre of Excellence receiving the Graduate Research Fellow.

#### Funding

The funding comes to a maximum of EUR 1,700 a month. The site of research will allocate the funding as a grant to cover the Graduate Research Fellow's accommodation and other living costs in Finland.

#### Funding period

The funding will start between 1 June and 1 December 2013. The grant can be awarded for a maximum of twelve months over a two-year period. The decisions will be made in May 2013.

#### Appendices

- invitation by the host to the Graduate Research Fellow
- curriculum vitae for the Graduate Research Fellow
- GRF research plan jointly drafted by the Graduate Research Fellow and the Finnish host.

#### How to apply

The funding includes no overheads. The deadline is **24 April 2013 at 16.15**. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **NSF Graduate Research Fellow**).

#### More information

- Coordinator Kristiina Helansuo (Culture and Society Research Unit), tel. +358 29 533 5022
- Programme Manager Tiina Jokela (Programme Unit), tel. +358 29 533 5046



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## 4 RESEARCH ENVIRONMENT

### 4.1 RESEARCH INFRASTRUCTURE CALL, FIRI 2013

#### Aim

The Academy of Finland provides funding for the acquisition, establishment or strengthening of nationally significant research infrastructures that promote scientific research. Research infrastructures constitute a reserve of research facilities, equipment, materials and services that facilitate research, support research collaboration and develop and strengthen research capacity. Research infrastructures may be single-sited, distributed or virtual infrastructures.

The aim of the Academy's research infrastructure call is to upgrade the quality and improve the renewal, competitiveness and interdisciplinary approach of Finnish research. Another aim is to increase the appeal of Finnish research environments and boost the national and international collaboration of Finnish universities, research teams and researchers. The aim is also to support researcher training and the creation and application of scientific knowledge and intellectual capital. The funding needs arising from the memberships of national and international research infrastructures (e.g. membership fees) will be taken into account in the call.

#### Applicant

The applicant is a university or some other research organisation. Joint projects of several organisations shall have one responsible party; the mutual responsibilities are presented in the joint project plan in connection with the application.

#### Funding

The Academy is prepared to fund research infrastructures with a total of EUR 15 million. An individual funding decision will be a minimum of EUR 300,000 and a maximum of EUR 1.5 million. The funding is intended to support the construction of a new research infrastructure or the significant upgrading of an existing infrastructure.

The funding is primarily allocated to investment costs (acquisition of equipment and systems and creation of services) at the construction phase of infrastructures and to significant upgrading of existing infrastructures. The Academy does not fund the operating costs of research infrastructures. Permanent operating expenses (incl. costs of services-producing personnel) should mainly be covered by funding from the host organisations; however, taking into account research field-specific differences.

The Academy's funding contribution comes to no more than 70% of the total costs of the acquisition, establishment or strengthening an infrastructure. No advances are paid from infrastructure funding.

#### Funding period

The funding period starts in December 2013 at the earliest and ends on 31 December 2015 at the latest.



## Review of applications

In its decisions on research infrastructure funding, the Academy will (in addition to its general funding criteria), also take into account:

- national and international significance and added value of the research infrastructure
- the project's links to the research strategy of the host organisation/s and the commitment by the organisation/s to the project
- links to projects that have been presented in Finland's (2009) or ESFRI's (2010) roadmap for research infrastructures
- openness in the use of the infrastructure.

Attention will also be paid to

- systematic and broad application of the infrastructure
- quality and scope of potential user community
- technological and other advancement of the infrastructure
- economic efficiency of the infrastructure during its lifespan.

In funding decisions, the access to alternative national and international solutions will also be considered.

The subcommittee appointed by the Academy Board will decide on the projects to be funded. The decisions will be made on the basis of the policy lines of the FIRI Committee and national science-policy aspects. If relevant, international expert review will also be used.

## Appendices

Obligatory appendices:

- [project plan](#) for the FIRI 2013 call, no more than 15 pages
- curriculum vitae for the PI (coordinator) of the project
- list of publications by the PI (coordinator) of the project.

Case-specific appendices:

- statement by an ethics committee or the Committee on Animal Experimentation (if relevant); the ethical aspects shall 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.

Only the requested appendices are appended to the application. The appendices shall be drafted in line with the Academy's guidelines, see our website under [Appendices](#). The maximum lengths indicated in the guidelines must not be exceeded. The appendices are drafted in English and appended to the application in the online services under *Appendices*. The only exception is the curriculum vitae for the PI (coordinator), which is appended under *Personal data/CV*.

## How to apply

Please note that the deadline has been extended on 18 March 2013. The deadline is **31 May 2013 at 16.15**. The deadline is non-negotiable and also applies to the



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subprojects of the consortium. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **FIRI 2013 research infrastructure call**).

Draft the application so as to ensure 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](#) on our website.

If the applicant is a consortium, see detailed guidelines on our website under [Consortium application](#). The applications of all consortium subprojects must be submitted by the deadline. The application of the whole consortium can be processed only if the applications of all subprojects have been submitted by the set deadline. The composition of the consortium cannot be changed after the deadline.

### More information

- Senior Science Adviser Eeva Ikonen (Programme Unit), tel. +358 29 533 5035
- Science Adviser Antti Vähkönen (Natural Sciences and Engineering Research Unit), tel. +358 29 533 5140



## 5 ADVANCE INFORMATION ON CALLS

The Academy of Finland's next main application round is in September 2013. The call for applications will be posted on our website in early August at the latest, and applications can be submitted in the online services as of 2 September. The tentative deadline is 25 September 2013. Calls for research programmes and international calls may open on other dates.

The information below is tentative. Information on open calls will be posted on our website under [Apply now](#).

### A. Spring 2013

#### Joint project call: Biodiversity and sustainable use of natural resources (Academy and FAPESP, Brazil)

##### Aim

The Academy of Finland and the Brazilian São Paulo Research Foundation (FAPESP) will launch a call for joint research projects in the field of biodiversity and the sustainable use of natural resources. The aim is to promote and strengthen collaboration between Finnish and Brazilian researchers in the field.

The call is focused on six research themes:

**1) Biodiversity mapping and environmental monitoring:** *research and development of tools, methods and new technologies, including ground truthing data collection*

Possible topics:

- developing approaches to quantify biodiversity at different scales
- developing new tools, methods and technologies for the collection and mapping of data on biodiversity
- developing indicators of environmental change.

**2) Valuing biodiversity and ecosystem services:** *research on estimating the value of biodiversity and ecosystem services and their linkages*

Possible topics:

- studying the linkages between biodiversity and ecosystem services in complex ecosystems
- estimating the value of biodiversity and ecosystem services
- studying how the number and distribution of commercially important species is related to the overall level and distribution of biodiversity.

**3) Changing landscape/seascape and biodiversity:** *research on landscape/seascape changes and opportunities for coexistence of alternative land uses or coastal area uses*

Possible topics:

- ecological, economic and socio-political impacts of alternative land uses and land use change



- conflict resolution and knowledge-based decision-making.

**4) Protection of biodiversity vs impact avoidance or biodiversity offsetting:** *research addressing impact avoidance and compensation in changing landscapes*

Possible topics:

- evaluation of externalities and impacts of development
- risk management in land use planning/coastal area planning
- methods and practices of biodiversity offsetting (compensation).

**5) Operational information needs of achieving sustainability:** *research on operational data needs, requirements and innovative development of data systems for sustainable use of natural resources*

Possible topics:

- information and knowledge needed for making sustainability operational in particular policy and planning situations
- indicators of sustainability; proxies and surrogates
- assessment of the relevance of uncertainties in information.

**6) Institutional challenges in achieving sustainability:** *coherence of policies and regulations and their enforcement*

Possible topics:

- coherence, enforcement and implementation of policies and regulations
- choice of conservation policy and impacts of policy-making processes
- democratic accountability and good governance.

Applications can cover one or several of the above thematic areas. Researchers are encouraged to engage in international mobility that will support their research, for instance, so that a researcher hired to a project will work abroad for a fixed period.

## Funding

The Academy is prepared to fund projects with a total of EUR 3 million. As a rule, the funding will be granted for four years and start 1 January 2014.

## Review of applications

In line with the Academy's practices, applications will be reviewed by international peer reviewers. The evaluation criteria are:

- scientific quality and innovativeness of the research plan
- feasibility of the research plan
- competence and expertise of the Finnish and Brazilian researchers
- added value generated by Finnish-Brazilian research collaboration.

The mobility of researchers will also be considered.

## Joint research plan

The application shall include a joint research plan drafted by the Finnish and Brazilian researchers. The Brazilian researchers have to be attached to a university based in



the State of São Paulo. The PIs in both countries must have the qualifications of a professor or a docent. The research plan shall involve a clear description of the planned collaboration (distribution of work and methods of implementation) and the added value to be expected from the collaboration. The research plan shall include both a joint budget and separate budgets for both partners.

The partners apply for funding for their projects from their national funding agencies (using the agencies' forms). Finnish researchers shall follow the Academy's guidelines and Brazilian researchers FAPESP guidelines.

## Appendices

See Appendix 1 C, Appendices to application in international joint project calls.

## How to apply

Information on the deadline will be posted on our website under [Apply now](#). The deadline is non-negotiable. Applications are drafted in the Academy's online services.

Draft the application so as to ensure 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](#) on our website. The costs of the Brazilian partner are indicated only in the research plan (section 5, *Implementation*).

If the applicant is a consortium, see detailed guidelines on our website under [Consortium application](#). The application of the whole consortium can be processed only if the applications of all subprojects have been submitted by the set deadline. The composition of the consortium cannot be changed after the deadline.

The Brazilian partner submits its application to FAPESP in line with FAPESP guidelines.

## More information

- Academy of Finland: Science Adviser Jaana Lehtimäki (Biosciences and Environment Research Unit), tel. +358 29 533 5060
- FAPESP: Alexandre Rocco

## B. September 2013

### 1 RESEARCH

#### Academy Projects, all fields of research

#### Targeted Academy Projects

#### Development research

#### International joint project calls



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**Japan (JST): Joint projects in ICT and technology in health and medical sciences**

The Academy of Finland, Tekes and the Japan Science and Technology Agency (JST) are preparing a call for joint projects to be opened in September 2013. The theme of the call is ICT and technology in health and medical sciences, but it will be defined and specified in more detail after the JST has confirmed its budget. Tentatively, the aim is to open a third joint project call in September 2014. A joint project can involve one or several Finnish partners and one or several Japanese partners. More information: Science Adviser Ulla Ellmén (Programme Unit), tel. +358 29 533 5011.

**Japan (JSPS): Joint projects in the field of culture and society**

The Academy of Finland and the Japan Society for the Promotion of Science (JSPS) are preparing a call for joint projects in the field of culture and society. The call will open in September 2013. More information: Science Adviser Tiina Forsman (Culture and Society Research Unit), tel. +358 29 533 5013.

After this, the next call for joint projects with the JSPS will most likely be launched in 2015 in the field of natural sciences and engineering. More information: Science Adviser Ulla Ellmén (Programme Unit), tel. +358 29 533 5011.

**Brazil (FAPESP): Joint projects in materials science research**

The Academy of Finland and the Brazilian São Paulo Research Foundation (FAPESP) are preparing a joint project call for 2013. The theme of the call is materials science in electronics, photonics and telecommunications. The call for applications will most likely be published in connection of the Academy's September 2013 call. More information: Science Adviser Satu Huuha-Cissokho, tel. + 358 29 533 5075.

**India (ICMR): Joint projects in health research**

The Academy of Finland and the Indian Council for Medical Research (ICMR) are preparing a joint project call in health research. More information: Science Adviser Vera Raivola (Health Research Unit), tel. +358 29 533 5098, and Senior Science Adviser Jaana Roos (Programme Unit), tel. +358 29 533 5100.

**Russia (RFBR): Joint projects in geosciences**

The Academy of Finland and the Russian Foundation for Basic Research (RFBR) are preparing a joint project call in geosciences. The themes will be defined in more detail at a later date. More information: Programme Manager Mikko Ylikangas (Programme Unit), tel. +358 29 533 5143.

**WATER JPI: Water Challenges for a Changing World**

The WATER JPI is planning an international joint call that will most likely open in autumn 2013. The Academy will possibly participate in this call. More information: [www.waterjpi.eu](http://www.waterjpi.eu), Science Adviser Kata-Riina Valosaari (Biosciences and



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Environment Research Unit), tel. +358 29 533 5128, and Science Adviser Harri Hautala (Biosciences and Environment Research Unit), tel. +358 29 533 5019.

## 2 RESEARCHER

### Academy Professors

### Minna Canth Academy Professor

### Academy Research Fellows

### Postdoctoral Researchers

### Special funding to researchers: Clinical researchers

### Mobility funding based on bilateral agreements

## 3 RESEARCH ENVIRONMENT

### Finland Distinguished Professor (FiDiPro), letters of intent

## C. Other calls

### The Academy is preparing a research programme

The Academy is planning to launch a call in the field of **energy research** in spring 2014. For more information, see [Research programmes being prepared](#) on our website or contact Programme Manager Salla Seppo (Programme Unit), tel. +358 29 533 5109.

### Applications for sport science project funding to be reviewed by the Academy

The Ministry of Education, Science and Culture and the Academy of Finland have decided on cooperation in the review of applications for funding for research projects in sport science as of autumn 2013. The cooperation concerns new applications for funding for 2014. The aim is that the applications are not submitted to the Ministry's Registry but via the Academy's online services.

The guidelines on how to apply for funding for research projects in sport science will be published in connection with the Academy's September 2013 call for applications. More details will be given in spring 2013. More information: Planning Officer Tiina Ahtiainen (Ministry of Education, Science and Culture), tel. +358 29 533 0058, and Senior Science Adviser Aki Salo (Health Research Unit), tel. +358 29 533 5104.



## 6 APPENDICES

### APPENDIX 1 A: APPENDICES TO APPLICATION

The appendices listed in Appendix 1 A are appended when an application concerns

- Academy Projects
- targeted Academy Projects
- research posts as Academy Research Fellow or Postdoctoral Researcher
- clinical researchers
- second application stage of research programmes
- second application stage of research posts as Academy Professor.

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

Only the requested appendices are appended to the application. Make sure to draft the appendices in line with the Academy's guidelines (see [Appendices](#) on our website). The maximum length of appendices indicated in the application guidelines must not be exceeded. The appendices are drafted in English and appended 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
- curriculum vitae for the applicant
- list of publication by the applicant; clearly indicate the ten most important publications in terms of the research plan
- Finnish degree certificate or an English-language degree certificate of a doctoral degree gained 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 shall 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 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 principal investigator of consortium

Consortium PIs apply for funding only for their own research team. The consortium PIs append their curriculum vitae under *Personal data/CV*.

The following appendices are appended to the application:

Obligatory appendices:

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

Case-specific appendices:

- statement by an ethics committee or the Committee on Animal Experimentation (if relevant); the ethical aspects shall 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 the application is affiliated with the centre and justifying the significance of the project for the centre's operations.

## 2.2 Application by principal investigator of consortium subproject

The PIs of all 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.



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## APPENDIX 1 B: APPENDICES TO LETTER OF INTENT

The appendices listed in Appendix 1 B are appended to the application when an application is submitted for the first application stage of two-stage calls:

- first application stage of research posts as Academy Professor
- first application stage of research programmes.

Only the requested appendices are appended to the application. Make sure to draft the appendices in line with the Academy's guidelines (see [Appendices](#) on our website). The maximum length of appendices indicated in the application guidelines must not be exceeded. The appendices are drafted in English and appended 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

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

### 2 Letter of intent by consortium

For more detailed guidelines 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 the PIs of the consortium subprojects
- list of publications by the consortium PI and the PIs of the consortium subprojects; in all lists, clearly indicate the ten most important publications (by the PIs of each subproject) in terms of the research plan.



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## APPENDIX 1 C: APPENDICES IN INTERNATIONAL JOINT PROJECT CALLS

When an application is submitted for an international call for joint projects, the appendices listed in Appendix 1 C are appended to the application.

Only the requested appendices are appended to the application. Make sure to draft the appendices in line with the Academy's guidelines (see [Appendices](#) on our website). The maximum length of appendices indicated in the guidelines must not be exceeded. The appendices are drafted in English and appended to the application in the online Academy's services under *Appendices*. The only exception is the curriculum vitae, which is appended under *Personal data/CV*.

**In certain 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 Applications 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 planned 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 partners
  - 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 research 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 intends to transcend 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 in terms of 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 shall 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 for applications under *Appendices*.



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

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

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.

The following guidelines are also applied to consortium applications **in international calls**:

Consortium PIs also append to their application the **curriculum vitae and the list of publications for the foreign applicant**. The foreign applicant is requested to clearly indicate the ten most important publications in terms of the research plan.

The research plan shall include **a joint cost estimate for the project and separate cost estimates for all partners**.


**APPENDIX 2: MONTHLY GRANTS 2012–2013 (APPROXIMATE AMOUNTS)**
**Recommended monthly grants for researcher training, research abroad and, researcher mobility**

COUNTRY OR REGION	Researchers not receiving any grant or salary	Researchers receiving grant or partial salary	Researchers receiving full salary
Chile	€2,000	€1,200–1,700	€1,000–1,200
Germany	"	"	"
India	"	"	"
Russia (excl. Moscow)	"	"	"
South Africa	"	"	"
Taiwan	"	"	"
Belgium	€2,300	€1,600–2,000	€1,000–1,400
Canada	"	"	"
China	"	"	"
France	"	"	"
Italy	"	"	"
Netherlands	"	"	"
Nordic countries	"	"	"
USA	"	"	"
Brazil	€2,800	€1,900–2,500	€1,300–1,700
Great Britain	"	"	"
Japan	"	"	"
Republic of Korea	"	"	"
Russia (Moscow)	"	"	"
Switzerland	"	"	"
Other	€1,000–2,300	€500–1,700	€300–1,000

In determining the amount of the grant, the full grant 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.

The grants awarded take into account the grant recipient's obligation to take out pension, accident and life insurance. For more information, see the [Farmers' Social Insurance Institution's website](#) under *Mela Insurance for Grant and Scholarship Recipients*.

With the Universities Act of 1 January 2010, Finnish universities are no longer treated as public corporations in income taxation. This applies both to universities under public law and to foundation universities. This means that grants paid at universities (incl. grants abroad invoiced on the basis of the Academy's funding decision) normally count as taxable income for the grant recipient, provided that their amount exceeds the annual amount of the State Grant for Artists. The Academy recommends



that the grantee and the site of research – before the grant decision is made – consult the tax administration concerning any tax consequences possibly arising from the payment of the grant.

In 2013, the annual amount of the State Grant for Artists is EUR 19,728.90. For more details, see the [Arts Promotion Centre Finland website](#) under *Grants and subsidies*.

More information on, for example, taxation of grants abroad is available on the [Tax Administration's website](#) (Memorandum of 27 Jan 2010, New Universities Act and international situations, in Finnish and Swedish).

### APPENDIX 3: GRANTS TO FOREIGN RESEARCHERS WORKING IN FINLAND

#### Short-term visits:

Grants with compensation for accommodation €80–182/day (incl. personal grant €35 and maximum compensation for accommodation €147)

#### Visits longer than one month, including compensation for accommodation:

Master's degree or equivalent	€1,500–1,700/month
PhD or equivalent	€1,700–2,400/month
Professor	€2,400–4,000/month

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

The grants awarded take into account the grant recipient's obligation to take out pension, accident and life insurance. For more information, see the [Farmers' Social Insurance Institution's website](#) under *Mela Insurance for Grant and Scholarship Recipients*.

The Academy recommends that the grantee and the site of research – before the grant decision is made – consult the tax administration concerning any tax consequences possibly arising from the payment of the grant.

Grants are not paid to EU citizens. While working in Finland, EU citizens must have an employment relationship.



## 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 document approved on 8 May 2012 is applied to the calls that will be open in April 2013. The document (in Finnish) is available on our website under [General decision criteria](#).

The call for applications is prepared by a working group responsible for communication on the Academy's calls. Marja Makarow, Vice President for Research, approved this call for applications on 12 February 2013.

### Contact details

Postal address	POB 131, 00531 Helsinki
Street address	Hakaniemenranta 6
Switchboard	+358 29 533 5000
Fax	+358 29 533 5299
Registrar's Office, phone	+358 29 533 5049
Registrar's Office, office hours	8.00–16.15
Email	<a href="mailto:kirjaamo@aka.fi">kirjaamo@aka.fi</a>
Website	<a href="http://www.aka.fi/eng">www.aka.fi/eng</a>
More information	Contacts listed in this call for applications ( <a href="mailto:firstname.lastname@aka.fi">firstname.lastname@aka.fi</a> )
Questions and feedback	<a href="#">Questions and feedback</a> on our website