



ACADEMY OF FINLAND

SEPTEMBER CALL

3–26 September 2012

The call for applications has been updated 31 August 2012.
See a summary of the changes on the last page of this document.

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 2012, we will make funding decisions worth about EUR 320 million. Each year, some 6,000 people 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.

NB. The Academy's phone numbers will change on 3 October 2012. As of October 2012, our new switchboard number is +358 29 533 5000. The new staff phone numbers are available [on our website](#).



SISÄLLYSLUETTELO

1 GENERAL GUIDELINES	3
1.1 GENERAL INFORMATION ON HOW TO APPLY	3
1.2 GENERAL GUIDELINES FOR APPLICANTS	3
Who is eligible to apply?	3
What is funded?	4
Who is eligible for personal grants?	4
Salary costs of Principal Investigator *New*	5
Classification of research fields	6
List of publications in line with new classification *New*	6
Model for researcher's curriculum vitae *Advance information*	6
Mobility plan, partners and use of research infrastructures.....	6
Specify ethical issues in the research plan.....	6
Draft application in English.....	7
Applications are public documents	7
Clear and readable project description	7
Submitting and supplementing applications, applications pending	7
Reviewing/Not reviewing applications	8
1.3 SUPPLEMENTARY GUIDELINES FOR APPLICANTS.....	9
Project collaboration or consortium?	9
Strategic Centres for Science, Technology and Innovation	9
1.4 GENERAL GUIDELINES FOR SITES OF RESEARCH	10
Funding conditions.....	10
Joint funding and full cost model *New percentage*	10
Commitment by site of research.....	11
Value added tax *New*	12
1.5 INFORMATION ON DECISIONS, HOW TO RECEIVE FUNDING	12
FUNDING OPEN FOR APPLICATION IN SEPTEMBER 2012.....	13
2 FUNDING FOR RESEARCH PROJECTS.....	13
2.1 Academy Projects, all research fields.....	13
2.2 Targeted Academy Projects.....	15
2.2.1 Development research, incl. targeted funding (Water and development).....	15
2.2.2 Debt and debt relations	18
2.2.3 Integral membrane proteins.....	18
Joint calls with international funding agencies.....	20
2.2.4 Linguistics (Academy and OTKA, Hungary)	20
2.2.5 Children and youth (Academy and NRF, South Africa).....	21
2.2.6 Law (Finland and China)	23
2.2.6.1 Law (Academy and CASS, China).....	24
2.2.6.2 Law and humanistic and social science law research (Academy funding).....	25
2.2.7 SAVI: Innovations in learning and education (Academy, Tekes and NSF, USA).....	26
2.2.8 Application of medical ICT devices (Academy, JST and Tekes)	27
2.2.9 Materials science and engineering research (Academy and NSF, USA)	29
2.2.10 Forest research (Academy and NSFC, China)	30
2.2.11 Wi-FiUS – Wireless communication (Academy, Tekes and NSF, USA)	32
2.3 Academy research programmes	33



2.3.1 Synthetic Biology (FinSynBio) – Letters of intent	33
2.3.2 The Human Mind (MIND) – Full applications	35
2.3.3 Sustainable Energy (SusEn) – International calls for joint projects	36
2.3.3.1 Sustainable energy (Academy and CNPq, Brazil)	36
2.3.3.2 Sustainable energy (Academy and CONICYT, Chile)	38
3 PERSONAL FUNDING FOR RESEARCHERS	40
3.1 Research post as Academy Professor	40
3.2 Research post as Academy Research Fellow	41
3.3 Research post as Postdoctoral Researcher	44
3.4 Special funding for researchers.....	46
3.4.1 Clinical researchers.....	46
3.4.2 International researcher mobility based on bilateral agreements	48
3.4.2.1 Mobility funding.....	48
3.4.2.2 Fellowships of foreign funding agencies	51
3.4.2.2.1 JSPS Fellowship to Japan	51
3.4.2.2.2 CAS Fellowship to China	52
3.4.3 European Research Council (ERC) calls.....	52
ADVANCE INFORMATION ON CALLS	53
APPENDICES.....	55
Appendix 1 A: Appendices to application	55
Appendix 1 B: Appendices to letter of intent.....	57
Appendix 1 C: Appendices to application in international joint project calls	58
Appendix 2: Funding for Academy Projects (Sep 2011), by Research Council.....	60
Appendix 3: Postdoctoral Researcher funding (Sep 2011), by Research Council	60
Appendix 4: Monthly grants 2012–2013 (approximate amounts).....	61
Appendix 6: Classification of publications	63

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Registrar's Office, phone	+358 9 7748 8377
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Email	kirjaamo@aka.fi
Website	www.aka.fi/eng
More information	from contacts listed in this call for applications (firstname.lastname@aka.fi)
Questions and feedback	Questions and feedback on our website



1 General guidelines

1.1 GENERAL INFORMATION ON HOW TO APPLY

Application rounds

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

In September, applications are invited for Academy Projects, targeted Academy Projects and research programme projects. Funding is also available for personal funding for research posts (Academy Professor, Academy Research Fellow, Postdoctoral Researcher, clinical researcher), and possibly for other purposes.

In April, funding is available for targeted Academy Projects and other purposes.

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

Funding opportunities

Information on our various funding opportunities at the different stages of the research career is available on our website under [Funding opportunities](#).

Application guidelines

Information on open calls is posted on our website under [Apply now](#). Please check the deadline separately for each call. 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) Detailed [guidelines on how to draft applications](#)
- 3) Detailed [guidelines on how to draft appendices](#) (structure and length)
- 4) [Programme memoranda](#) of research programmes to be launched
- 5) [How to Guide](#) to the Academy's online services.

We require that applicants read and comply with the call for applications and the other guidelines mentioned above before submitting their applications.

1.2 GENERAL GUIDELINES FOR APPLICANTS

Who is eligible to apply?

The applicant (the Principal Investigator of a research project) for Academy of Finland research funding must have the qualifications of a professor or an adjunct professor (docent) or be a researcher with a doctorate, unless the call 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, a project to be funded shall serve Finnish research and society or international collaboration.

Within the same application round, the Academy will review only one application from one and the same 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).

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

What is funded?

Depending on the funding opportunity, Academy funding can be applied for to cover, for example, the following direct research costs:

- the research team's working hours
- research costs
- travel
- national and international collaboration and mobility
- the preparation of international projects.

The Academy may also provide funding for the VAT costs on certain conditions: see page 12 of this call for applications and our website under [Value added tax](#).

In calls where the full cost model is applied, 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. See more on our website under [Full cost model](#).

We require that the institution (e.g. university department) serving as the site of research undertakes 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, such as office and laboratory premises, equipment (incl. computer equipment), and telecommunications, telephone, mailing, copying and library services.

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 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 is eligible for 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 (except for 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 4 and 5 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 *New*

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 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 for well-substantiated reasons in terms of the research.

1 Including the PI's salary in the total costs for purposes of heading a project

The salary costs of a PI of a research project can be incorporated into 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 Academy 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 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 also be indicated in the application under *Project funding, Salaries*.

3 Salary when the PI has no employment relationship

If the PI of a research project has no employment relationship with, for example, a university or research institute, he or she must give an account in the application of how his or her salary will be covered during the funding period. It is the responsibility of the applicant to give an account of these details at the application stage.

Retired researchers cannot be granted funding for their own salary or a personal grant. However, they can be granted other funding on the same grounds as other researchers.



Classification of research fields

In addition to your primary field of research, you may also indicate four other research fields and subcategories in the application, in order of importance. It is important that, **in addition to** the research field, you also give keywords describing the research and research methods. For more information, see our website under [Research field classification](#) (research fields hosted by the Research Councils are also listed here).

List of publications in line with new classification *New*

We ask you to follow a new classification in your list of publications. The classification is based on the classification by the Ministry of Education, Science and Culture (2010). For more information, see [Appendices](#) on our website and the Ministry's [Publication Type Classification Manual](#). The classification is given in Appendix 6.

Model for researcher's curriculum vitae *Advance information*

The Finnish Advisory Board on Research Integrity (TENK), Universities Finland UNIFI, Rectors Conference for Finnish Universities of Applied Sciences Arene and the Academy of Finland have together drafted a model curriculum vitae that complies with good scientific practice. The draft model has been circulated to the Finnish research community and stakeholder groups for comments in summer 2012, after which the working group will publish a final model.

The aim with the model curriculum vitae is to provide information on the research-ethical principles for those who draft curricula vitae so that the merits will be accounted for in the best possible way, that they are truthful and that they facilitate comparisons between applicants. The guidelines on how to draft a curriculum vitae for Academy calls will most likely be updated in line with this model in 2013.

Read more about the [researcher's curriculum vitae](#) at www.tenk.fi/en.

Mobility plan, partners and use of research infrastructures

The application must 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.

When applying for a research post as Postdoctoral Researcher or Academy Research Fellow, also give an account of previous mobility (under *Previous mobility*).

Besides in the application (in details), you shall also describe mobility, partners and the use of research infrastructures in the research plan. For detailed guidelines on how to draft a research plan appendix, see [Research plan](#) on our website.

Specify ethical issues in the research plan

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.



Materials management plan part of the research plan

We require that you give an account of how the project proposes to obtain its research material, how the material produced by the project will be used and stored and how the subsequent use of the material will be facilitated. The account shall further cover the rights of ownership and use pertaining to the materials used and generated by the project. This is referred to as a materials management plan, and it is presented in connection with the research plan.

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

Draft application in English

The Academy uses mainly foreign experts as reviewers of applications. 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 the fluent processing of applications.

However, you have also the right to submit your applications in Finnish or Swedish.

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, with the exception of research plans, plans of intent, abstracts and progress reports.

Clear and readable project description

If a project is granted funding, the Academy will publish a description of the project on its 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 the 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.

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

Submitting and supplementing applications, applications pending

Applications for the September 2012 call can be drafted and submitted in the online services as of 3 September 2012. The deadline is 26 September 2012 at 16.15, if not otherwise indicated in the call for applications. The deadline is non-negotiable.



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 received after the deadline can only be considered if the delay or failure of submission is due to causes not attributable to the applicant.

An application is regarded as pending at the Academy when the online application and **the obligatory appendices have been submitted in the online system**. The system will indicate the successful submission of an application by sending an email to the address given by the applicant.

Please note **you cannot submit an application in accordance with the full cost model in which the Academy's contribution to funding is higher than the percentage indicated in the call for applications.**

The procedure for how to submit an application in the online services is described in the [How to Guide](#). If you run into problems in the online services at the time of application submission, please contact us before the deadline, either by phone or via [Questions and feedback](#) on our website. To ensure smooth drafting and submission, it is important that you submit your application well in advance of the deadline.

Only the requested appendices are appended to the application. The maximum length of appendices indicated in the guidelines must not be exceeded.

If you have, for example, received a letter of invitation from a foreign university after the deadline or if you notice significant omissions in your application after the deadline, you are urged to immediately contact the person named in the call for applications (under *More information*), who will open the application for your additions. These supplementary additions will be taken into account insofar as it is possible in view of the review, application processing and decision-making process.

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

Reviewing/Not reviewing applications

Academy funding is based on a scientific review of the research plan and the applicant. Our evaluation procedures and criteria are presented on our website under [Review of applications](#) and [Guides for reviewers](#). **You are advised to read the criteria and any additional guidelines available on the Research Councils' pages.**

The Academy may, for justified reasons, decide not to review an application. Applicants are advised to read about the criteria used when considering this, see our website under [Not reviewing an application](#).



1.3 SUPPLEMENTARY GUIDELINES FOR APPLICANTS

Project collaboration or consortium?

Researchers and research teams may cooperate through **normal project collaboration**. In this case, the partners independently apply (with their own application) for funding for their projects and the collaboration is described in each partner's research plan. Project collaboration applications are reviewed as separate applications.

Applicants for research funding may also be **consortia composed of research projects** working at different sites, for example 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. A consortium application is reviewed at the Academy as one application and the decision is made by a research council or subcommittee.

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

In line with a decision by the Board of the Academy of Finland, the Academy works to promote leading-edge scientific research serving Strategic Centres for Science, Technology and Innovation (Finnish acronym SHOK) through all its funding opportunities ([Academy of Finland financial and action plan 2013–2016](#), PDF, in Finnish). The research may be incorporated as part of a specific strategic centre or be scientific research that serves the thematic area of a strategic centre.

If your application is tied in with a thematic area of a strategic centre, the following guidelines apply to the 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 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 affiliated with a strategic centre (as described above), but you consider that the application **serves** the centre's thematic area, you shall justify this in your research plan.

The applications are reviewed in accordance with the Academy's general practices and criteria. The general evaluation criteria are available on our website under



[Evaluation criteria](#). For more details on the thematic areas of the strategic centres, see [our website](#). Contact details for the centres are available at www.shok.fi/en.

1.4 GENERAL GUIDELINES 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 Academy funding is not allocated to individual researchers but to their host organisation, the host organisation 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 that has received the funding.

Detailed conditions and guidelines (revised annually) on the use of funding and reporting are available on our website under [Use of funding](#).

Joint funding and full cost model *New percentage*

Academy research funding is a **joint venture** in which the funds to finance the costs of the project to be funded comes 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 the **full cost model** is applied to the cost calculation, the Academy's contribution to funding normally **comes to no more 70% of total the project costs (as of the September 2012 call)**.

The maximum percentage is applied to both the calculation of **estimated** total costs at the application and decision-making stage, and 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.

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. At the application and decision-making stage, only funding that is confirmed (e.g. through a decision by the body that has granted the funding) is taken into account in the calculation of the total project costs.



Costs that do not pass through the books of the site of research shall not be included in total project costs. It is the responsibility of the applicants to check from their own organisation if the funding planned for the own funding contribution fits in with this purpose.

The section “How to apply” in the call for applications indicates separately for each funding opportunity whether the full cost model or the model for additional costs previously applied by the Academy is applied to the cost calculation. In applications in accordance with the model for additional costs, the system will calculate (in addition to other costs) as overheads costs 14.29%, in which case the decision includes an overheads share of 12.5%. If the full cost model is applied, 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. After the application deadline, the Academy will request a commitment by the site of research from the person you have indicated. For more information, see our website under [Commitment of site of research](#).

Guidelines on the full cost model are available on our website under [Full cost model](#).

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 on which you shall agree **in advance** with a representative of the site of research.

In calls where the full cost model is applied, you shall (before submitting your application), determine from the own organisation the **funding contribution and the coefficients of the site of research**, and agree on them with the commitment issuer. The coefficients indicated will be valid during the whole duration of the project.

After the deadline, the Academy will request the commitment by the site of research from the person indicated in the application. He or she 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, such as office and laboratory premises, equipment (incl. computer equipment), and telecommunications, telephone, mailing, copying and library services
- to fund the project in accordance with the full cost model with the funding contribution presented in the funding plan
- to check regarding the projects to which the full costs model is applied that the coefficients (overheads, indirect employee costs and effective working hours) of the site of research indicated in the application are correctly entered
- to check that the VAT practice is correctly entered in the application.

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, to salaries and to 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.

Detailed guidelines on how to issue a commitment by the site of research online are available on our website under [Commitment of site of research](#).

Value added tax *New*

The Academy may provide funding for the VAT costs included in the project costs only insofar as the funding recipient (normally the PI's host organisation) is not entitled to deduct the VAT costs incurred in its operation. For example, universities are not entitled to deduct VAT costs and, consequently, these may be paid out the funding granted by the Academy.

Therefore, researchers working at universities shall enter their research costs including VAT. Applicants shall indicate the VAT practice in the application under *Funding for the project*.

For more information on how to enter VAT, see [Value added tax](#) on our website.

1.5 INFORMATION ON DECISIONS, HOW TO RECEIVE FUNDING

The Academy's decision timetables 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 on our website 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 related to the funding decision and read the expert reviews on your application, if such reviews have been drafted.

When you have granted funding you must accept it in the online services. 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 of the funding to the financial administration of the site of research, and the funds will be available for use.



Funding open for application in September 2012

2 FUNDING FOR RESEARCH PROJECTS

2.1 ACADEMY PROJECTS, ALL RESEARCH FIELDS

Aim

Academy Project funding is the Academy'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 attain internationally as high a scientific standard of work as possible and to strengthen the creativity, capacity and impact of research. The funding is granted primarily to teams composed of researchers who have completed their doctorate.

The Academy encourages researchers to engage in international mobility that will support their research, for example, so that a researcher hired to a project works abroad for a fixed period. A project may also hire a foreign researcher who already works in Finland or who will come to work within the Finnish scientific community. We also encourage researchers to draft ambitious research plans that cross discipline boundaries and aim at scientific breakthroughs.

Applicant

The director of an Academy Project (the Principal Investigator) must have the **qualifications of a professor or an adjunct professor (docent)**.

If the PI does not have an employment relationship with, for example, a university or research institute, he or she shall explain in the application how his or her salary will be covered during the project's funding period. It is the applicant's responsibility to give an account of these details at the application stage.

Funding

Academy funding can be used to cover both direct and indirect research costs arising from, for example, the research team's

- working hours
- research costs
- travel
- national and international collaboration and mobility
- work and researcher training abroad
- costs arising from the preparation of international projects.

Appendix 2 shows the average amount of funding granted in spring 2012.

Funding period

The funding period starts 1 September 2013. As a rule, the funding is for four years.



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. Guidelines on the salary of the PI are available on page 5.

In the September 2012 call, the Academy will consider only one application for an Academy Project (incl. a consortium subproject) or a research post as Academy Research Fellow or Postdoctoral Researcher from one and the same researcher. If an applicant does submit more than one application for any of these funding opportunities or applies for more than one type of such funding, only the first application received from that applicant will be reviewed. Applications that are not reviewed for this reason will not be eligible for funding.

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

In the September 2012 call, a PI who has an ongoing project funded through a general research grant that ends 31 December 2013 can, however, be granted Academy Project funding as of 1 September 2013.

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 the CoE funding period. Researchers in the CoE Programme 2008–2013 are eligible to apply for Academy Project funding within the September 2012 call.

Appendices

See Appendix 1 A (in the call for applications), Appendices to application.

How to apply

The deadline is 26 September 2012 at 16.15. The deadline is non-negotiable and also applies to consortium subprojects. Applications are drafted in the [Academy' online services](#) (select *Open calls* > **Academy Project**).

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. See more details on our website under [Full cost model](#).

If the applicant is a consortium, see detailed guidelines on our website under [Consortium application](#). The application of the whole consortium 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.

More information

- Biosciences and Environment Research Unit
- Senior Science Adviser Tuula Aarnio, tel. +358 9 774 881



- Science Adviser Jaana Lehtimäki, tel. +358 9 7748 8373
- Science Adviser Kyösti Lempa, tel. +358 9 7748 8248

Culture and Society Research Unit

- Science Adviser Kaisa Vaahtera, tel. +358 9 7748 8247
- Science Adviser Kustaa Multamäki, tel. +358 9 7748 8349
- Senior Science Adviser Raija Matikainen, tel. +358 9 7748 8348

Natural Sciences and Engineering Research Unit

- Senior Science Adviser Kati Sulonen, tel. +358 9 7748 8480
- Science Adviser Samuli Hemming, tel. +358 9 7748 8485
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Health Research Unit

- Science Adviser Vera Raivola, tel. +358 9 7748 8380, +358 40 167 8698
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- Science Adviser Heikki Vilen, tel. +358 9 7748 8456, +358 40 518 8932

2.2 TARGETED ACADEMY PROJECTS

Targeted Academy Projects are like normal Academy Projects but with predetermined targets for funding. The Academy Board or Research Councils may decide to direct funding to specific areas where they feel more investment is needed. This funding may involve 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 to, for example, international joint calls based on international agreements, ERA-NET calls and any other research field, problem, method development or networking that is deemed important.

The conditions and restrictions on Academy Projects also apply to targeted Academy Projects. However, participation in a targeted call does not inhibit the submission of a simultaneous application to another call, provided that the research plans differ. The call for applications may, however, include guidelines that differ from this main rule.

2.2.1 DEVELOPMENT RESEARCH, INCL. TARGETED FUNDING (WATER AND DEVELOPMENT)

Aim

The Academy funds problem-oriented and multidisciplinary development research (on developing countries) together with the Finnish Ministry for Foreign Affairs.

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



Development research describes and interprets dimensions of development, helps in understanding the 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. On the other hand, knowledge is also needed about the way in which 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 in terms of 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 terms of 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. Applications are also reviewed in terms of their relevance to the scope of the call and the project's contacts with developing countries and their development policy relevance. The application shall include a separate description of the impact and applicability of the expected research results.

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

Targeted funding: Water and development

Besides funding for the general themes of the call, an additional appropriation of EUR 1 million from the Ministry for Foreign Affairs is also available. The theme of this targeted funding is *Water and development*. Projects to be funded can relate to one or several of the following thematic areas:

- right to water
- ownership and management models for water in developing countries
- water, food safety and energy
- water efficiency (particularly in agriculture)
- management of transboundary waters
- experiences gained from the UN Millennium Declaration Goals in water and sanitation
- climate change and water resources
- water as part of extensive security.



Funding

Academy funding can be used to cover both direct and indirect research costs arising from, for example, the research team's

- working hours
- research costs
- travel
- national and international collaboration and mobility
- work and researcher training abroad
- costs arising from the preparation of international projects.

In addition, funding may also be granted for pilot studies and for the preparation of research projects together with researchers and research institutes based in developing countries. The projects shall strive for active collaboration with researchers and research institutes in developing countries.

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 the applicant has an ongoing development research project, he or she can be granted funding for another such project only for very compelling reasons.

Funding period

The funding period starts 1 September 2013. As a rule, the funding is granted for four years. The funding for projects granted targeted funding (*Water and development*) is for two years. The Academy and the Finnish Ministry for Foreign Affairs have earmarked a total of some EUR 4 million for the call, of which the targeted funding (*Water and development*) accounts for EUR 1 million.

Appendices

See Appendix 1 A (in the call for applications), Appendices to application.

How to apply

The deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls > Development research*).

If your application concerns the targeted funding (*Water and development*), add the code **Water** in front of the title of your research.

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. See more details on our website under [Full cost model](#).

More information

- Science Adviser Riitta Launonen (Culture and Society Research Unit), tel. +358 9 7748 8229



2.2.2 DEBT AND DEBT RELATIONS

The Research Council for Culture and Society has decided to target Academy Project funding at research on debt and debt relations and their related economic, political, cultural, legal and social connections.

As a multidimensional institution, debt is a phenomenon that cannot be thoroughly understood or exhaustively explained from the perspective of any individual discipline. It can, though, be regarded as one of the most fundamental factors in the power relations between people.

This multidisciplinary targeted call aims to study debt from perspectives of social policy and cultural research. The forms, sources and significance of debt should be understood from the theoretical and historical viewpoints of different disciplines.

The Research Council is prepared to fund a maximum of six projects.

Funding period

The funding period starts 1 September 2013. As a rule, the funding is for four years.

Appendices

See Appendix 1 A (in the call for applications), Appendices to application.

How to apply

The deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Debt**).

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. See more details on our website under [Full cost model](#).

More information

- Science Adviser Tiina Forsman (Culture and Society Research Unit), tel. +358 9 7748 8443

2.2.3 INTEGRAL MEMBRANE PROTEINS

The Research Council for Biosciences and Environment has decided to target Academy Project funding at research on integral membrane proteins (IMPs). This targeting funding is a continuation of the themes in the Academy's previous calls, such as research on functional mechanisms of new post-genomic proteins and protein complexes (targeted Academy Project call), and research on photonics and modern imaging techniques (research programme call).



The call is focused on how IMPs function in the membrane environment. A key evaluation criteria will be that the research targets a membrane protein that is as natural and whole as possible and whose detailed structure and/or molecular activity is studied mainly using experimental methods. Method development relating to the production, purification, processing and investigation of membrane proteins may form part of the proposed research plan. However, research on soluble domains that have been excised from membrane proteins does not fall within the scope of this call. Nor does the call cover research purely on cell biology, bioimaging or theoretical modelling of membrane protein structure and function.

Researching IMPs is very challenging. Consequently, our knowledge of the function of IMPs is clearly poorer than in the case of soluble proteins. However, membrane proteins are vital for cell function and are commonly used as endpoints in experiments for pharmaceutical development. By launching this targeted call, the Research Council for Biosciences and Environment aims to promote research on the molecular-level mechanisms of cell membranes. Another aim is to increase overall research knowledge of membrane biology.

The Research Council is prepared to fund a maximum of five projects.

Funding period

The funding period starts 1 September 2013. As a rule, the funding is for four years.

Restrictions

Funding is not simultaneously granted for an Academy Project and a targeted Academy Project, regardless of whether the projects concern a same or different theme.

Applicants who have an ongoing Academy Project can be granted funding only for very compelling reasons.

Appendices

See Appendix 1 A (in the call for applications), Appendices to application.

How to apply

The deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Integral membrane proteins**).

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. See more details on our website under [Full cost model](#).

More information

- Senior Science Adviser Tuula Aarnio (Biosciences and Environment Research Unit), tel. +358 9 774 881



JOINT CALLS WITH INTERNATIONAL FUNDING AGENCIES

2.2.4 LINGUISTICS (ACADEMY AND OTKA, HUNGARY)

The Academy of Finland and the Hungarian Scientific Research Fund (Országos Tudományos Kutatási Alapprogramok, OTKA) have decided to launch a joint call in the field of linguistics with the theme *The changing linguistic scenery in Finno-Ugric speech communities and its impact on society and culture*. The theme covers questions such as how smaller communities adapt or change their everyday lives in times of globalisation and late modernity and, in particular, what is the role of languages in this situation. The aim is to promote and strengthen collaboration between Finnish and Hungarian researchers in linguistics and language studies.

Funding

The funding can be granted to a maximum of four joint projects for four years. The funding period starts 1 September 2013.

Review of applications

Applications will be reviewed by international review panels in line with the Academy's practices. The evaluation criteria are:

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

Joint research plan

The application shall include a joint research plan drafted by the Finnish and Hungarian researchers. 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 from their national funding agencies (using the agencies' own forms). Finnish researchers follow the Academy's guidelines and Hungarian researchers OTKA guidelines. The deadline is the same in both countries.

Appendices

Obligatory appendices:

- joint research plan, no more than 15 pages, including
 - a clear description of the planned research collaboration (distribution of work and methods of implementation)
 - responsibilities of both partners
 - a description of the added value to be expected from the collaboration
 - a joint budget for the project and separate budgets for both partners
 - a description of the significance of the project for researcher training and the development of the research environment.
- curricula vitae for the Finnish PI and the Hungarian PI



- lists of publications by the Finnish PI and the Hungarian PI and by all researchers for whom funding is applied for.

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 applicant's project 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. The appendices shall be drafted in line with the Academy's guidelines, see our website under [Appendices](#). The maximum length 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 Finnish PI, which is appended under *Personal data/CV*.

How to apply

The deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Joint project call: Linguistics (Academy, OTKA)**).

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. See more details on our website under [Full cost model](#). The costs of the Hungarian partner are indicated only in the research plan (section 5, *Implementation*).

The Hungarian partner submits its application to OTKA in line with OTKA guidelines.

More information

- Academy of Finland: Science Adviser Krister Talvinen (Culture and Society Research Unit), tel. +358 9 7758 8226
- OTKA: Senior Science Adviser Huba Bartos, bartos.huba(at)otka.hu, tel. +36 1 219 8700

2.2.5 CHILDREN AND YOUTH (ACADEMY AND NRF, SOUTH AFRICA)

The Academy of Finland and the National Research Foundation (NRF) of South Africa have decided to launch a joint call in the field of research on children and youth. The aim is to promote and strengthen collaboration between Finnish and South African researchers in the field.

The themes of the call are:

- the wellbeing of children and youth, including health and social relations
- education processes, cultures and language



- children, youth, cultures and values
- youth transitions
- children, youth and family.

Applications can cover one or several of the above themes. The themes can be studied from, for example, the following perspectives:

- the role of technology and the media
- strategies to overcome inequalities, marginalisation and poverty
- global and local policy frameworks for children and youth
- child- and youth-friendly, innovative and participatory methodologies.

Funding

The Academy is prepared to fund five joint projects for three years with a total of some EUR 2.25 million. The funding period starts 1 September 2013.

Review of applications

Applications will be reviewed by international review panels in line with the Academy's evaluation practices. The evaluation criteria are:

- scientific quality and innovativeness of the research plan
- added value generated by Finnish-South African research collaboration
- feasibility of the research plan
- competence and experience of Finnish and South African researchers.

Other factors that will also be considered in the review are the promotion of equality, the strengthening of research capacity and the promotion of the research careers of young researchers.

Joint research plan

The application shall include a joint research plan drafted by the Finnish and South African researchers. 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 from their own national funding agencies (using the agencies' own forms). The Finnish researchers follow the Academy's general application guidelines and the South African researchers the NRF's guidelines. The call opens 1 August 2012 in South Africa and 3 September 2012 in Finland. In both countries, the deadline is **31 October 2012 (please note the changed deadline)**. The deadline for applications to the Academy ends at 16.15.

Appendices

Obligatory appendices:

- joint research plan, no more than 15 pages, including
 - a clear description of the planned research collaboration (distribution of work and methods of implementation)
 - responsibilities of both partners
 - a description of the added value to be expected from the collaboration
 - a joint budget for the project and separate budgets for both partners



- a description of the significance of the project for researcher training and the development of the research environment.
- curricula vitae for the Finnish PI and the South African PI
- lists of publications by the Finnish PI and the South African PI.

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 applicant's project 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. The appendices shall be drafted in line with the Academy's guidelines, see our website under [Appendices](#). The maximum length 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 Finnish PI, which is appended under *Personal data/CV*.

How to apply

The deadline for funding applied for from the Academy is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Joint project call: Children and youth (Academy, NRF)**).

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. See more details on our website under [Full cost model](#). The costs of the South African partner are indicated only in the research plan (section 5, *Implementation*).

The South African partner submits its application to the NRF in line with NRF guidelines.

More information

- Science Adviser Riitta Launonen (Culture and Society Research Unit), tel. +358 9 7748 8229
- Science Adviser Kaisa Vaahtera (Culture and Society Research Unit), tel. +358 9 7748 8247
- NRF: Programme Director Ethel Masihleho, ethel(at)nrf.ac.za, tel. +27 (0) 12 481 4077

2.2.6 LAW (FINLAND AND CHINA)

The Academy will promote collaboration between Finnish and Chinese researchers in the field of law, particularly in comparative law.



The Academy and the Chinese Academy of Social Sciences (CASS) have signed a memorandum of understanding on a call for joint projects (*Joint project call: Law, Academy of Finland and CASS*). In addition, the Academy will also support collaboration of Finnish researchers with other Chinese research institutes and universities (*Law and humanistic and social science law research*). **The guidelines below apply to both calls.**

The importance of Chinese law and related research knowledge has greatly increased in Europe and in Finland as well. There are several reasons for this. Both Finland and China work to adapt to the impacts of international law and globalisation. Chinese law provides many excellent research topics in a range of legal fields and research questions for projects studying comparative law. For Chinese researchers, in turn, the Finnish and Nordic approach to legal issues is highly interesting. For example, the Nordic welfare state model and the role of public authorities as service providers offer good comparison points for China in its legal development, both in the field of public law and in the regulation of economic activity. Theoretically, it may be a question of comparative law interests but also of development law perspectives.

Applications shall involve PIs from both Finland and China, and a joint research plan. The guidelines differ depending on whether the partners are from the CASS or from Chinese universities. Call-specific guidelines are available under sections 2.2.6.1 and 2.2.6.2 in the call for applications.

Funding

The Academy has earmarked a total of EUR 2 million for the calls. The funding period is a maximum of three years, starting 1 January 2013.

Review of applications

Applications will be reviewed jointly and international experts (not from China or Finland) will be invited to serve as peer reviewers.

2.2.6.1 Law (Academy and CASS, China)

The Chinese partner of the joint project works at and submits its application to the Chinese Academy of Social Sciences (CASS). The Finnish research team shall address its application to the Academy of Finland. Both funding agencies will fund only the research teams of their own country. Finnish researchers draft their applications to the Academy in line with the Academy's application guidelines and, correspondingly, CASS researchers follow CASS guidelines.

The application shall include funding for Finland-China travels. As agreed by the Academy and the CASS, the partners will pay their own international flights, but the receiving partner will cover accommodation, daily allowances and local travel. Applicants should take this into account in their cost calculations.

Appendices

The appendices shall be drafted in line with Appendix 1 C (in the call for applications), with the exception that the joint research plan must not exceed 15 pages.



How to apply

The Academy's deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Joint project call: Law (Academy, CASS)**).

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. See more details on our website under [Full cost model](#).

CASS researchers submit their applications to the CASS in line with CASS guidelines.

2.2.6.2 Law and humanistic and social science law research (Academy funding)

If the partners are from Chinese universities, the Chinese partner must make sure that it will receive funding from China. The Academy grants funding only to the Finnish research team. In its funding plan included in the application to the Academy, the Finnish partner can enter additional costs arising from the collaboration, such as visits by Finnish and Chinese researchers, and seminars.

Appendices

The appendices are drafted in line with Appendix 1 C (in the call for applications), with the exception that the joint research plan must not exceed 15 pages. **In addition**, a written commitment by the Chinese site of research shall be appended to the application, confirming that the Chinese partner will receive funding for its part of the project.

How to apply

The deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Joint project call: Law, humanistic and social science law research (Academy, China)**).

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. See more details on our website under [Full cost model](#).

More information (both calls)

- Programme Manager Mika Tirronen (Programme Unit), tel. +358 9 7748 8255 (until 17 Aug 2012)
- Science Adviser Tiina Forsman (Culture and Society Research Unit), tel. +358 9 7748 8443



2.2.7 SAVI: INNOVATIONS IN LEARNING AND EDUCATION (ACADEMY, TEKES AND NSF, USA)

The Academy of Finland, Tekes – the Finnish Funding Agency for Technology and Innovation and the US National Science Foundation (NSF) have decided to launch the joint call *Science Across Virtual Institutes (SAVI) on innovations in learning and education*.

The need for a globally engaged STEM (Science, Technology, Engineering and Mathematics) workforce has never been stronger, and societies everywhere need individuals who have the skills and competencies required to succeed in the 21st century. Therefore, the Academy, Tekes and the NSF have interest in exploring the ways in which learning and education, both in and out of school, contribute to producing innovative individuals and in studying where, how, for whom, and why certain approaches are successful, or not. Having identified this broad theme as one of mutual interest, the funding agencies wish to encourage cooperation in relevant STEM fields with a view to addressing innovations in learning and education. Topics of special interest include technology-enhanced learning, educational innovation and learning analytics.

Modern learning environments provide rich possibilities for interaction with learning content, as well as support for social interaction between various target groups. Novel learning environments also provide huge potential for collecting data on learning processes. In this context, the Academy, Tekes and the NSF welcome proposals for partnership projects that explore topics related to

- modern learning environments
- user-created content
- learning analytics.

While emphasising these areas, applications for US-Finnish cooperative projects that address the overall goals (as described above) but fall outside these topics are also welcome:

- studies of sharing and building knowledge in collaboration with others in both formal and informal settings
- the role of simulations, virtual reality, interactive technologies, serious games, social media and other technology-enhanced affordances in learning
- the preparation of pre-service and in-service teachers and university faculty for teaching in the 21st century
- the influences of culture, policy and institutions on learners and educational systems
- the implications of anywhere, anytime learning for learners and educators.

Those interested in collaboration have drafted a work plan jointly with their partner in the US (see NSF guidelines at www.nsf.gov/funding/preparing). This plan has been submitted to the NSF and the Academy in June.

Funding period

The Academy is prepared to fund some three projects with a maximum of EUR 800,000. As a rule, the projects will run for two years and are expected to start 1 January 2013.



Appendices

See Appendix 1 C (in the call for applications), Appendices to applications in international joint project calls.

How to apply

Please note the non-standard application procedure. Those who have shown interest will be sent detailed guidelines on this invitation call in August. The Academy requests applicants to submit their full applications by 26 September 2012 at 16.15 at the latest. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Joint project call: NSF SAVI on innovations on learning and education (Academy, Tekes and NSF)**).

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. See more details on our website under [Full cost model](#).

More information

- Programme Manager Risto Vilkkö (Programme Unit), tel. +358 9 7748 8232
- Science Adviser Kustaa Multamäki (Culture and Society Research Unit), tel. +358 9 7748 8349

2.2.8 APPLICATION OF MEDICAL ICT DEVICES (ACADEMY, JST AND TEKES)

The Academy of Finland, the Japan Science and Technology Agency (JST) and Tekes – the Finnish Funding Agency for Technology and Innovation, have decided to promote Finnish-Japanese research in different combinations of ICT and technology in health and medical research by annually launching successive joint calls. The aim is to support high-standard, long-term and systematic Finnish-Japanese research collaboration with a view to promoting the creation and strengthening of research collaboration between the two countries.

In the coming years, three joint project calls with Japan will be launched with themes related to ICT and technology in health and medical sciences. The themes of the calls will differ. The theme of the first call is *Application of medical ICT devices*, which can be approached from, for example, the following perspectives:

- e-health
- ambient assisted living and smart homes
- educational issues and regulatory issues
- device and software development, data transfer, data organising and test development
- service systems.

Bioinformatics, biobanks, proteomics and genomics are not included in the theme of this first call.

Funding

Finnish applicants shall submit their application either to the Academy or to Tekes. Decisions on funding will be made together with the JST.



The Academy is prepared to fund three joint projects for three years. The funding is intended towards researcher salaries, indirect employee costs, researcher mobility, acquisition of material and research equipment (max. EUR 5,000), other costs (e.g. arranging research workshops and seminars) and overheads. The Academy can grant a Finnish research team a maximum of EUR 120,000 per project per year, that is, a total of EUR 360,000 for a three-year project.

Tekes has a maximum budget of EUR 1 million for the call. Applications addressed to Tekes by public research organisations must meet the criteria for the project type [Innovation funding for public research](#). In these projects, researchers work together with business and industry with a view to developing knowledge and solutions for the needs of business and industry. The contribution by external end-users shall be $\geq 10\%$. Besides public research organisations, business companies can also apply for funding from Tekes for projects that support high-level Finnish-Japanese R&D&I collaboration. These projects shall meet the criteria for [Tekes normal funding for companies](#).

Funding period

The Academy is prepared to fund the projects with a total of some EUR 1 million. The funding period is a maximum of three years and can start 1 May 2013.

Review of applications

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

The evaluation criteria are:

- scientific quality 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 research results.

Joint research plan

The application shall include a joint research plan drafted by the Finnish and Japanese research team. 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.

Both partners apply for funding from their own national funding agencies. Finnish researchers apply for funding either from the Academy or from Tekes in line with their general application guidelines. Japanese researchers apply for funding from the JST in line with JST guidelines. Finnish applicants should make sure that their partner is eligible to apply for funding from the JST.



Appendices

See Appendix 1 C (in the call for applications), Appendices to applications in international joint project calls.

How to apply

Finnish partners submit their applications in the Academy's or Tekes' online services.

The deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications addressed to the Academy are drafted in the [Academy's online services](#) (select *Open calls* > **Joint project call: Applications of medical ICT devices (Academy, JST and Tekes)**).

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. See more details on our website under [Full cost model](#). The costs of the Japanese partner are indicated only in the research plan (section 5, *Implementation*).

Applications submitted to Tekes shall meet [Tekes' normal application criteria](#). The deadline is also applicable to company applications; these applicants can contact Tekes before submitting their application. For applications to Tekes, select [online services](#) (in Finnish or Swedish). The cover note must mention "JST collaboration".

Japanese partners submit their applications to the JST in line with JST guidelines.

More information

- Senior Science Adviser Aki Salo (Health Research Unit), tel. +358 9 7748 8244
- Science Adviser Samuli Hemming (Natural Sciences and Engineering Research Unit), tel. +358 9 7748 8485
- Tekes: Raimo Pakkanen, raimo.pakkanen(at)tekes.fi, tel. +358 50 557 7829
- JST: Mr Yoshihide Kobayashi, sicpfi(at)jst.go.jp, tel. +81 3 5214 7375

2.2.9 MATERIALS SCIENCE AND ENGINEERING RESEARCH (ACADEMY AND NSF, USA)

Aim

The call in the field of materials science between the US National Science Foundation (NSF) and European public research funding agencies is part of the NSF Materials World Network (MWN) programme. The aim of this annual call is to promote international cooperation between US and European research teams in materials science. Another aim is to launch joint projects of two research teams where one team is from Finland and the other from the US.

Finnish teams apply for funding from the Academy and US teams from the NSF for a joint research theme. The research plans need not be identical, but the work contribution of both teams shall be described.

The Academy is prepared to fund joint projects in materials science and engineering with the NSF in 2013. The projects to be funded are required to be successful in both the Academy's and the NSF's separate evaluations.



Funding period

As a rule, the funding is granted for four years, starting 1 September 2013.

Appendices

See Appendix 1 C (in the call for applications), Appendices to applications in international joint project calls.

How to apply

The Academy's deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Joint project call: Materials science and engineering (Academy, NSF)**).

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. See more details on our website under [Full cost model](#).

Please note that the NSF's deadline is November 2012.

More information

- Science Adviser Jan Bäckman (Natural Sciences and Engineering Research Unit), tel. +358 9 7748 8394
- [NSF website](#)

2.2.10 FOREST RESEARCH (ACADEMY AND NSFC, CHINA)

The Academy of Finland and the National Natural Science Foundation of China (NSFC) have decided to launch a joint project call with a view to promoting Finnish-Chinese research collaboration in the field of forest research.

The theme of the joint call is *Forest biodiversity and ecosystem services in a changing environment*. The call has the following subthemes:

- impacts of global changes on forest biodiversity and ecosystem services and the social impacts of these changes
- structure and functions of forest ecosystems.

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 partners from both countries.

The projects will be funded by the Academy in Finland and the NSFC in China. Both agencies will fund only project components that are carried out in their own countries. The Academy is prepared to fund the projects with a total of some EUR 2.5 million.

Funding period

The funding is granted for a maximum of three years, starting 1 September 2013.



Review of applications

The applications will be reviewed by international review panels. The funding agencies will agree on the projects to be funded based on the scientific evaluation.

The evaluation criteria are:

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

Joint project plan

All subprojects of a bilateral joint 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 researcher 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):

- [Specific Chinese-Finnish application form](#) (in English)
- **joint abstract** (in English, no longer than one page, 12 pt and 1.5 line spacing)
- **joint research plan** (in English, no longer 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 to be applied for
 - a description of the project's significance for researcher training and the development of the research environment.
- **curricula vitae** for the PIs of both partners (no longer than two pages, 12 pt and 1.5 line spacing)
- **lists of publications** by the PIs of both partners.

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 applicant's project 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. The appendices shall be drafted in line with the Academy's guidelines, see our website under [Appendices](#). The maximum length 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 Finnish PI, which is appended under *Personal data/CV*.

How to apply

The theme of the call may be specified at a later stage. You are therefore advised to contact the persons indicated under *More information* below.

The deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Joint project call: Forest research (Academy, 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. See more details on our website under [Full cost model](#).

Chinese partners apply for funding in line with NSFC guidelines.

More information

- Programme Manager Mika Tirronen (Programme Unit), tel. +358 9 7748 8255 (until 17 Aug 2012)
- Science Adviser Kata-Riina Valosaari (Biosciences and Environment Research Unit), tel. +358 9 7748 8216
- Lu Rongkai, Deputy Director General, NSFC, tel. +86 10 623 25351, lurk(at)nsfc.gov.cn

2.2.11 WiFIUS – WIRELESS COMMUNICATION (ACADEMY, TEKES AND NSF, USA)

The Academy of Finland, Tekes – the Finnish Funding Agency for Technology and Innovation and the US National Science Foundation (NSF) have decided to support collaboration in the field of wireless communication under the theme *Cognitive networks and radio*. With the exponential growth of wireless communication, existing telecommunication networks are unable to handle the traffic; they need to be renewed and made more efficient. Cognitive radio, which enables an efficient and optimal utilisation of the radio frequency spectrum, can provide a technological breakthrough that holds great potential for the future wireless communication.



The joint projects to be funded will be part of the virtual institute Wireless Innovation between Finland and US (WiFiUS). Read more at www.wifi.us.org.

Funding period

The Academy is prepared to fund a maximum of five projects with a total of some EUR 800,000. As a rule, the projects will run for two years and they are expected to start 1 January 2013.

Appendices

See Appendix 1 C (in the call for applications), Appendices to applications in international joint project calls

How to apply

Please contact the person indicated below before drafting your application.

The Academy's deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Joint project call: WiFiUS – Wireless communication (Academy, Tekes and NSF)**).

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. See more details on our website under [Full cost model](#).

US partners submit their application to the NSF in line with NSF guidelines.

More information

- Senior Science Adviser Juha Latikka (Natural Sciences and Engineering Research Unit), tel. +358 9 7748 8457

2.3 ACADEMY RESEARCH PROGRAMMES

2.3.1 SYNTHETIC BIOLOGY (FinSynBio) – LETTERS OF INTENT

Synthetic biology is a new area of multidisciplinary research that combines biosciences, medical sciences, physical and chemical sciences, engineering and other disciplines. One of the aims of this internationally fast-evolving field of research is to build and tailor new biological components, such as biocatalysts or genetic circuits, and to assemble them into biological devices and production systems (e.g. cells).

Synthetic biology research provides tools needed for the design and fabrication of self-organised biocomposites, devices and systems, and the reorganisation of natural mechanisms, for instance.

The field represents a genuinely multidisciplinary approach. The Synthetic Biology Research Programme is designed to create new, more broadly-based platform for the



closer integration of different perspectives and approaches. These should not be seen as separate or independent areas but as seamless cooperation.

The approaches can cover, for example, the following areas:

- molecular biology
- biochemistry
- computational and computer-aided modelling
- process and materials technologies
- chemical and physical approaches.

Synthetic biology and the applications developed in this field involve many social and ethical issues that need to be addressed from the very start. Issues closely related to synthetic biology include the creation of artificial life and related ethical questions.

The content and aims of the research programme have been described in detail in the [programme memorandum](#) (PDF).

The aims of the research programme are

- to support high-standard synthetic biology research in Finland
- to promote cooperation among scientists and researchers based in Finland and working in different fields so as to facilitate the achievement of a critical mass in the research community and international competitiveness in synthetic biology
- to increase international collaboration with a view to supporting the achievement of other programme objectives
- to foster dialogue between the research community and the rest of society on socio-cultural concerns and issues related to synthetic biology
- to promote public understanding about synthetic biology research.

Applicant

Funding can be applied for by individual research projects and by consortia composed of two or more research teams. At the first application stage, only the consortium PI submits a letter of intent. At the second stage, the PIs of all consortium subprojects submit their own application.

Funding period

The projects within the research programme are granted funding for four years. The planned funding is EUR 10 million in 2013. Supplementary international calls may be launched at a later stage. As a rule, the funding period starts 1 September 2013.

Programme memorandum

The programme memorandum contains more detailed information on the programme's background, aims, thematic areas and evaluation criteria. The [programme memorandum](#) (PDF) is available on our website. Applicants should carefully read the memorandum in order to submit a competitive application.

How to apply

FinSynBio has a two-stage call. The deadline for letters of intent is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **FinSynBio 2012, letters of intent**).



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. See more details on our website under [Full cost model](#).

Projects proceeding to the second stage will be selected in December 2012 based on the plans of intent. Those invited to that stage shall submit their full applications to the Academy no later than 6 February 2013 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 application stage, only the consortium PI submits a letter of intent. At the second application stage, the PIs of all consortium subprojects submit their own application. The application of the whole consortium can 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.

Appendices

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

More information

- Programme Manager Mika Tirronen (Programme Unit), tel. +358 40 702 7462 (until 17 Aug 2012)
- Programme Manager Jukka Reivinen (Programme Unit), tel. +358 40 848 7964
- Programme Manager Tiina Kotti (Programme Unit), tel. +358 400 991 070
- Project Officer Sanna Hytönen (Programme Unit), tel. +358 40 167 8576
- www.aka.fi/finsynbio

2.3.2 THE HUMAN MIND (MIND) – FULL APPLICATIONS

The Research Programme on the Human Mind will involve basic research into the human mind and its neural mechanisms in different cultural and social contexts. The research will be applicable in tackling topical issues and challenges such as learning, brain and mind development, health and sickness of the human mind, drugs and addictions, globalisation, refugee problems, cultural encounters and collisions as a result of conflicts, the electric media and community planning. The Academy will fund projects involved in the programme with a total of EUR 10 million.

Letters of intent for the research programme were invited in April 2012. Projects that were selected to proceed to the second stage shall submit their full applications in line with the Academy's guidelines no later than **17 September 2012** at 16.15. The deadline is non-negotiable and also applies to consortium subprojects.

More information

- programme memorandum and www.aka.fi/mieli
- Programme Manager Mikko Ylikangas (Programme Unit), tel. +358 40 586 4729
- Programme Manager Mika Tirronen (Programme Unit), tel. +358 40 702 7462 (until 17 Aug 2012)



2.3.3 SUSTAINABLE ENERGY (SusEn) – INTERNATIONAL CALLS FOR JOINT PROJECTS

2.3.3.1 SUSTAINABLE ENERGY (ACADEMY AND CNPq, BRAZIL)

The Academy of Finland and the Brazilian National Council for Scientific and Technological Development (CNPq) launch a call for joint projects in the field of energy research. The aim is to promote and strengthen collaboration between Finnish and Brazilian researchers in the field.

The thematic areas of the call:

- bioenergy and biomass (biomass processing, advanced conversion technologies for biomass, e.g. enzymatic hydrolysis, gasification, pyrolysis, bioproducts, biofuels through algae technology, new production processes for biodiesel)
- solar power (silicon technology, thin films, novel materials)
- energy systems (smart grids, distributed energy systems, hybrid systems, network connections)
- marine technology, hydroelectricity and water power (algae technologies, wave and tidal power, turbines, new dam architectures)
- wind power (all technologies excl. off-shore technologies)
- nanotechnology and materials for energy and fuel applications
- energy storage.

Applications can cover one or several of these thematic areas.

Funding

The Academy is prepared to fund the projects with a total of EUR 3 million. The funding period starts 1 January 2013.

Review of applications

Applications will be reviewed by international review panels in line with the Academy's practices. The evaluation criteria are:

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

The mobility of researchers will also be considered in the review.

Joint research plan

The application shall include a joint research plan drafted by the Finnish and Brazilian researchers. 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 from their national funding agencies (with the agencies' own forms). Finnish researchers follow the Academy's guidelines and Brazilian researchers CNPq guidelines. The deadline is 26 September 2012 in both countries.



Appendices

Obligatory appendices:

- joint research plan, no more than 15 pages, including
 - a clear description of the planned research collaboration (distribution of work and methods of implementation)
 - responsibilities of both partners
 - a description of the added value to be expected from the collaboration
 - a joint budget for the project and separate budgets for both partners
 - a description of the significance of the project for researcher training and the development of the research environment.
- curricula vitae for the Finnish PI and the Brazilian PI
- lists of publications by the Finnish PI and the Brazilian PI.

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 applicant's project 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. The appendices shall be drafted in line with the Academy's guidelines, see our website under [Appendices](#). The maximum length 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 Finnish PI, which is appended under *Personal data/CV*.

How to apply

The deadline is 5 October 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Joint project call: Sustainable energy (Academy, CNPq)**).

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. See more details on our website under [Full cost model](#). The costs of the Brazilian partner are indicated only in the research plan (under section 5, *Implementation*).

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

More information

- Programme Manager Saira Seppo (Programme Unit), tel. +358 9 7748 8335
- CNPq: Bilateral Cooperation Coordination, Flavio Velame, fvelame(at)cnpq.br, General Coordination for International Cooperation
- www.aka.fi/energy



2.3.3.2 SUSTAINABLE ENERGY (ACADEMY AND CONICYT, CHILE)

The Academy and the Chilean National Commission for Scientific and Technological Research (CONICYT) launch a joint call in sustainable energy to promote and strengthen collaboration between Finnish and Chilean researchers in the field.

The thematic areas of the call:

- wave power
- solar power
- geothermal energy
- smart grids
- energy storage
- algae technologies.

Applications can cover one or several of the above thematic areas.

Funding

The Academy is prepared to fund projects with a total of EUR 2 million. The funding period will start 1 January 2013 at the earliest.

Review of applications

Applications will be reviewed by international review panels in line with the Academy's practices. The evaluation criteria are:

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

The mobility of researchers will also be considered in the review.

Joint research plan

The application shall include a joint research plan drafted by the Finnish and Chilean researchers. 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 from their national funding agencies (with the agencies' own forms). Finnish researchers follow the Academy's guidelines and Chilean researchers CONICYT guidelines. The call opens in Chile 1 August 2012 and in Finland 3 September 2012. The deadline is 26 September 2012 in both countries.

Appendices

Obligatory appendices:

- joint research plan, no more than 15 pages, including
 - a clear description of the planned research collaboration (distribution of work and methods of implementation)
 - responsibilities of both partners
 - a description of the added value to be expected from the collaboration



- a joint budget for the project and separate budgets for both partners
- a description of the significance of the project for researcher training and the development of the research environment.
- curricula vitae for the Finnish PI and the Chilean PI
- lists of publications by the Finnish PI and the Chilean PI.

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 applicant's project 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. The appendices shall be drafted in line with the Academy's guidelines, see our website under [Appendices](#). The maximum length 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 Finnish PI, which is appended under *Personal data/CV*.

How to apply

The deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Joint project call: Sustainable energy (Academy, CONICYT)**).

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. See more details on our website under [Full cost model](#). The costs of the Chilean partner shall be indicated only in the research plan (section 5, *Implementation*).

The Chilean partner submits its application to CONICYT as per CONICYT guidelines.

More information

- Programme Manager Salla Seppo (Programme Unit), tel. +358 9 7748 8335
- CONICYT: Catalina Palma Herrera (International Liaison, International Relations Department), cpalma(at)conicyt.cl
- www.aka.fi/energy



3 PERSONAL FUNDING FOR RESEARCHERS

3.1 RESEARCH POST AS ACADEMY PROFESSOR

Aim

Applicants for research posts as Academy Professor apply for funding for their 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 establish and develop a creative research environment. The duties also include (without separate compensation) supervision of thesis and dissertation writers in the field and teaching associated with the research (5% of the annual working hours).

Applicant

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

We invite particularly women to apply for research posts as Academy Professor.

Funding

The funding towards the salary of Academy Professors is determined according to a monthly salary of EUR 8,713. 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%).

Those selected to research posts as Academy Professor 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 be awarded to cover research costs, salary costs of a research team, and national and international collaboration and mobility.

Funding period

Research posts as Academy Professor are filled for a maximum of five years at a time. Appointment for a second term is possible only on the basis of exceptionally successful activity and a competitive research plan. The funding period starts 1 January 2014 and ends 31 December 2018 at the latest.

Two-stage call

The Academy Professor call has two stages. The Academy's Research Councils decide who will be asked to submit a full application based on the letters of intent. Full applications are reviewed using international peer review. Decisions on those selected to research posts as Academy Professor and those placed on a reserve list are made by the Academy Board.

Appendices

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



How to apply

The deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls > Academy Professor, letters of intent*).

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

More information

- Science Adviser Timo Sareneva (Biosciences and Environment Research Unit), tel. +358 9 7748 8243
- Senior Science Adviser Raija Matikainen, tel. +358 9 7748 8348, and Senior Science Adviser Hannele Kurki tel. +358 9 7748 8398 (Culture and Society Research Unit)
- Senior Science Adviser Ritva Taurio (Natural Sciences and Engineering Research Unit), tel. +358 9 7748 8384
- Senior Science Adviser Merja Kärkkäinen (Health Research Unit), tel. +358 9 7748 8360

3.2 RESEARCH POST AS ACADEMY RESEARCH FELLOW

Aim

Applicants for research posts as Academy Research Fellow apply for funding for their own salary for a maximum of five years. The aim of the funding is to provide an opportunity for the most talented and advanced researchers to develop their skills of academic leadership and to establish themselves as independent researchers.

Research posts as Academy Research Fellow provide researchers with a good opportunity to work independently on their research and to develop 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 for a research post as Academy Research Fellow may also be foreign researchers who already work in Finland or who will come to work within 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 who must have completed his or her doctorate no more than **3–9 years** ago (degree certificate issued 26 Sep 2003–26 Sep 2009).

Applicants who have gained their doctorate more than nine years ago can be considered only for very 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* below).

Successful applicants will have engaged in active scientific work and published significant contributions since gaining their doctorate.

In the September 2011 call, the success rate of applications for research posts as Academy Research Fellows was as follows:

- Research Council for Biosciences and Environment: 17%
- Research Council for Culture and Society: 13%
- Research Council for Natural Sciences and Engineering: 12%
- Research Council for Health: 13%.

Funding

Salary

The funding towards the salary of Academy Research Fellows is determined according to a monthly salary of EUR 4,842. 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%).

Research costs

Those selected to research posts 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 be awarded to cover research costs, international collaboration and mobility, and to set up a research team.

Separate decisions will be made on the salary and the research costs of Academy Research Fellows. **Those selected for a research post as Academy Research Fellow** will be requested to separately submit a detailed budget for research costs.

However, applicants shall also append a tentative budget for research costs to their application for a research post as Academy Research Fellow as part of the research plan (section 5, *Implementation*). The research costs are calculated in accordance with the full cost model.

Funding period

Research posts as Academy Research Fellow are filled for five years. The funding period is 1 September 2013 –31 August 2018. 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 the 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. Applicants interested in working at the EUI are requested to read about EUI research before applying and to contact the Academy's EUI science



adviser (see *More information* below) when drafting their application. Applicants need not append any separate invitation from the EUI to their application.

Restrictions

In the September 2012 call, the Academy will consider only one application from one and the same researcher for an Academy Project (incl. a consortium subproject) and a research post as Academy Research Fellow or Postdoctoral Researcher. If an applicant does submit more than one application for any of these funding opportunities or applies for more than one type of such funding, only the first application received from that applicant will be reviewed. Applications that are not reviewed for this reason will not be eligible for funding.

A researcher who has been granted Academy funding for Postdoctoral Researchers, 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, they can be granted funding for a simultaneous Academy Project only for compelling reasons. If those selected to research posts as Academy Research Fellow already have sufficient funding from other Academy funding schemes, the relevant Research Council will consider the need for additional funding on the basis of the research plan.

Appendices

See Appendix 1 A (in the call for applications), Appendices to application.

How to apply

The deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls > Academy Research Fellow*).

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

More information

- Senior Science Adviser Tiina Petänen, tel. +358 9 7748 8263, and Science Adviser Harri Hautala, tel. +358 9 7748 8408 (Biosciences and Environment Research Unit)
- Senior Science Adviser Päivi Messo-Lindén, tel. +358 9 7748 8224, and Science Adviser Jyrki Hakapää, tel. +358 9 7748 8277 (Culture and Society Research Unit)
- Science Adviser Jan Bäckman (Natural Sciences and Engineering Research Unit), tel. +358 9 7748 8394
- Senior Science Adviser Aki Salo (Health Research Unit), tel. +358 9 7748 8244
- research at the [EUI](#): Science Adviser Krister Talvinen, tel. +358 9 7748 8226



3.3 RESEARCH POST AS POSTDOCTORAL RESEARCHER

Aim

The aim of the funding for research posts as Postdoctoral Researchers is to advance the professional competence of the most promising researchers who have recently earned their doctorate. Postdoctoral Researchers are encouraged to international mobility and collaboration as well as national, cross-sectoral mobility. The three-year funding period may include one or several mobility spells as well as funding for the researcher's return to Finland. In principle, a project to be funded shall 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 field and teaching associated with their field of expertise, covering 5% of their annual working hours. However, Postdoctoral Researchers should use no more than 10% of their annual working hours for teaching or other tasks not directly associated with their research.

In the September 2012 call, the Research Council for Biosciences and Environment particularly welcomes applications in the field of bioinformatics. The research shall be related to issues of biosciences and/or environmental sciences. More information on [our website](#).

Applicant

The applicant is a researcher who must have completed his or her doctorate no more than **four years** ago (doctoral degree certificate issued 26 Sep 2008–26 Sep 2012).

Applicants who have gained their doctorate more than four years ago can be considered only for very special reasons (maternity, paternity, parental or childcare leave, military service or non-military service, or long-term illness). If you plead these special reasons, you must 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* below).

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 a grant for a stay abroad). Funding is not granted for salary costs of other persons. The recommended amounts of grants abroad are presented in Appendix 4 (in the call for applications).

The applicant and the site of research shall agree on the Postdoctoral Researcher's salary in accordance with the pay system at the site of research. The Academy's contribution to funding comes to no more than 70% of the total costs of the Postdoctoral Researcher's salary and research costs. The average amounts of funding granted by the Research Councils in the previous call are presented in Appendix 3 (in the call for applications).

Funding period

The funding for Postdoctoral Researchers is granted for three years. The funding period is 1 September 2013–31 August 2016, and it can be changed only for



compelling reasons (see *Applicant*). One and the same person can be granted personal Postdoctoral Researcher funding only once.

Special conditions and restrictions

In the September 2012 call, the Academy will consider only one application from one and the same researcher for an Academy Project (incl. a consortium subproject) and a research post as Academy Research Fellow or Postdoctoral Researcher. If an applicant does submit more than one application for any of these funding opportunities or applies for more than one type of such funding, only the first application received from that applicant 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 for Academy Project funding by another applicant, but with a different research plan. Applicants must indicate this in their applications.

Research at the EUI

The European University Institute (EUI) can receive 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. Applicants interested in working at the EUI are requested to read about EUI research before applying and to contact the Academy's EUI science adviser (see *More information* below) when drafting their application. Applicants need not append any separate invitation from the EUI to their application.

The grant required and any other expenses arising from the stay at the EUI shall be included in the total cost estimate of the application for a research post as Postdoctoral Researcher. A justification for the EUI stay shall be given in the research plan under section 6, *Researchers and Research environment*. The recommended amounts of grants paid in addition to the salary are presented in Appendix 4 (in the call for applications). Travel costs of accompanying family members may be included in the cost estimate if the researcher and his or her family will stay abroad a minimum of six months.

Appendices

See Appendix 1 A (in the call for applications), Appendices to application.

How to apply

The deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#), (select *Open calls > Postdoctoral Researcher*).

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. See more details on our website under [Full cost model](#). In addition to salary costs, the estimated total costs shall also include necessary personal research costs.



In the research plan, under section 5, *Implementation*, to be appended to the application, enter the monthly salary of the Postdoctoral Researcher (excl. indirect employee costs) together with a justification for the estimated total project costs (incl. estimated research costs).

More information

Biosciences and Environment Research Unit

- Science Adviser Annika Raitala, tel. +358 9 7748 8323
- Science Adviser Kata-Riina Valosaari, tel. +358 9 7748 8216

Culture and Society Research Unit

- Science Adviser Tiina Forsman, tel. +358 9 7748 8443
- Science Adviser Krister Talvinen, tel. +358 9 7748 8226

Natural Sciences and Engineering Research Unit

- Science Adviser Maaria Lehtinen, tel. +358 9 7748 8484
- Science Adviser Johanna Törnroos, tel. +358 9 7748 8260
- Science Adviser Tommi Laitinen, tel. +358 9 7748 8209

Health Research Unit

- Science Adviser Heikki Vilen, tel. +358 9 7748 8456

Research at the [EUI](#)

- Science Adviser Krister Talvinen, tel. +358 9 7748 8226

3.4 SPECIAL FUNDING FOR RESEARCHERS

3.4.1 CLINICAL RESEARCHERS

Aim

The Research Council for Health supports researchers in clinical practice by providing funding for their part-time research. 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 to pursue their research career while in specialist training and, upon completion of that training, alongside with clinical practice.

Applicant

The applicant is a clinical researcher with a doctorate. 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 by clinical researchers (**20–50%** of working hours). The applicant and the site of research shall agree on the salary in accordance with the pay system at the site of research.

In addition to funding towards salary costs, the Academy may also award a research grant for research costs. The Academy's contribution to funding comes to no more than 70% of the total costs of a research project promoting clinical research careers.



The estimated total costs presented in the application shall include the applicant's salary costs and the project's research costs.

In the September 2011 call, the average amount of funding granted was EUR 217,166 per project. The success rate was 25%.

Funding period

The funding is granted for a maximum of three years, starting 1 September 2013.

Appendices

See Appendix 1 A (in the call for applications), Appendices to application.

Restrictions

In the September 2012 call, the Academy will consider only one application per applicant in one of the following funding opportunities:

- support to clinical research careers
- research post as Academy Research Fellow
- research post as Postdoctoral Researcher
- Academy Project (or consortium subproject).

If an applicant does submit more than one application for any of these funding opportunities or applies for more than one type of such funding, only the first application received from that applicant will be reviewed.

How to apply

The deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Funding for clinical researchers**).

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. See more details 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 **necessary research costs**. The monthly salary of the clinical researcher (excl. indirect employee costs) and the working hours used for research are entered in the research plan under section 5, *Implementation*. Also justify the project's total costs (incl. estimated research costs).

More information

- Science Adviser Sanna Marjavaara (Health Research Unit), tel. +358 9 7748 8206, +358 40 673 5402



3.4.2 INTERNATIONAL RESEARCHER MOBILITY BASED ON BILATERAL AGREEMENTS

3.4.2.1 Mobility funding

Aim

Mobility funding is intended to promote 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 of Finland support the Academy's general science policy objectives. The call for mobility funding is implemented with **China (incl. Taiwan), Germany, Hungary, India, Japan, Russia and South Africa.**

Applicant

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

Funding

The funding is intended for the researcher's personal grant (incl. travel and accommodation costs), for research grants to invite researchers to Finland, and for arranging joint seminars (China, Japan). More detailed conditions are determined in accordance with the relevant agreement. The recommended amounts of monthly grants are presented in Appendices 4 and 5 (in the call for applications).

Funding period

The funding period starts 1 January 2013. 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. Funding applications can be made for 2013.
- b) Grants for research in natural sciences and engineering sciences at institutions of the Chinese Academy of Sciences (CAS). Funding applications can be made for 2013.
- c) **CAS Fellowships** for applicants with a doctorate: Visiting Professorships for 2–12 months and Fellowships for Young International Scientists for 12 months (+ 12 months). See section 3.4.2.2.
- d) Grants for research in the humanities, culture, law, economics and the social sciences institutions of the Chinese Academy of Social Sciences (CASS). Funding applications can be made for 2013.
- e) Research grants (for 2013) 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



Germany

- a) Research grants for travel and living costs incurred from project collaboration between Finnish and German researchers. Funding applications can be made for 2013 and 2014. The Academy covers costs of the Finnish participants and, correspondingly, the German Academic Exchange Service (DAAD) the costs of the German participants.
- b) Research grants for inviting a German researcher to Finland, based on the cooperation agreement between the Alexander von Humboldt Foundation, the Academy of Finland and the Finnish Cultural Foundation.

Hungary

- a) Grants for research at Hungarian research institutes and universities
- b) Research grants for inviting Hungarian researchers to Finland

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) Research 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)

Japan

- a) Grants to **researchers** for research in Japan
- b) Grants to **doctoral candidates** for research in Japan (12 months at a time, a max. of 24 months)
- c) **Postdoctoral Fellowships** for 12–24 months to Japan (Japan Society for the Promotion of Science, JSPS Fellowship Programme). See section 3.4.2.2.
- d) Grants for participation in [Finnish-Japanese seminars](#). The JSPS deadline for Japanese researchers is 12 September 2012.
- e) Research grants for arranging [Finnish-Japanese seminars](#) in Finland. The JSPS deadline for Japanese researchers is 12 September 2012.

**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

South Africa

Grants 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.

Appendices to applications for mobility funding

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 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 Finnish PI, 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
- statement by the supervisor of the doctoral dissertation of the doctoral candidate (Japan).

Research grant for inviting foreign researchers:

- curriculum vitae for the applicant, no more than four pages
- curriculum vitae for the invitee, indicating date of birth, highest academic degree and previous visits to Finland on grants or other funding
- list of publications
- research plan, no more than five pages
- progress report.

Arranging seminars:

- curriculum vitae, no more than four pages
- 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:

- curriculum vitae for the applicant
- 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, participants)
- tentative seminar programme.

How to apply

The deadline is 26 September 2012 at 16.15. The deadline is non-negotiable. Applications are drafted in the [Academy's online services](#) (select *Open calls* > **Mobility from Finland** or **Mobility to Finland**).

The recommended amounts of monthly grants are presented in Appendices 4 and 5 (in the call for applications). The full cost model 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

More detailed, country-specific information is available on our website under [International cooperation](#).

Contacts:

- Coordinator Kristiina Helansuo (International Relations Unit),
tel. +358 9 7748 8339 (Russia, South Africa)
- Coordinator Marja-Liisa Liimatainen (International Relations Unit),
tel. +358 9 7748 8316 (Russia)
- Coordinator Kaisu Lindeman (International Relations Unit),
tel. +358 9 7748 8317 (China incl. Taiwan, Germany, Hungary, India, Japan)

3.4.2.2 Fellowships of foreign funding agencies

The Academy of Finland has agreed on the following fellowships to Japan and China.

3.4.2.2.1 JSPS Fellowship to Japan

The Japan Society for the Promotion of Science (JSPS) can grant researchers with a doctorate JSPS Fellowships to Japan for 12–24 months.

Applications are drafted on the JSPS form. The JSPS has set certain conditions for applications. The link to the application form and the guidelines are available on our website under *Mobility* > [Japan Society for the Promotion of Science Fellowships](#).



3.4.2.2.2 CAS Fellowship to China

The Chinese Academy of Sciences (CAS) can grant researchers with a doctorate CAS Fellowships as follows:

- 1) Visiting Professorship for Senior International Scientists for 2–12 months
- 2) Fellowships for Young International Scientists for 12 months (+ 12 months).

Applications are drafted on the CAS form. The link to the application form and the guidelines are available on our website under *Mobility*: [China and Taiwan, CAS Fellowship Programme](#).

How to apply for Fellowships

The applicant is a researcher. Please note the non-standard application procedure. The applications are not submitted in the Academy's online services. Applications for JSPS Fellowships and CAS Fellowships shall be submitted to the Academy of Finland's Registrar's Office (POB 131, 00531 Helsinki) no later than 26 September 2012 at 16.15.

More information

- Coordinator Kaisu Lindeman (International Relations Unit), tel. +358 9 7748 8317

3.4.3 EUROPEAN RESEARCH COUNCIL (ERC) CALLS

ERC Starting Grants and Advanced Grants

The European Research Council (ERC) will open a call for **Starting Grants** and **Advanced Grants** during summer and autumn 2012. Please note the deadlines of this year's calls. Applications are invited from all research fields.

For more information and detailed guidelines, visit the [ERC website](#).

Support to researchers successful in ERC calls

The Academy may target funding to researchers who have done well in ERC calls but who have not been granted funding. The funding is intended to reinforce the international competitiveness of the researchers and their projects. Eligibility for this funding requires participation in the next possible ERC call.

More information

- Science Adviser Maiju Gyran (Programme Unit) tel. +358 9 7748 8291, +358 40 196 2729
- Science Adviser Hannele Lahtinen (Programme Unit) tel. +358 9 7748 8409, +358 40 029 5645



ADVANCE INFORMATION ON CALLS

The Academy's next main application round is in April 2013. The call for applications will be posted in late March at the latest, and applications can be submitted in the online services as of 2 April 2013 (tentative schedule). The deadline is 24 April 2013. Calls for research programmes and international calls may open on other dates.

The information below is tentative. For open calls, go to our website at [Apply now](#).

PROGRAMME FOR CENTRES OF EXCELLENCE IN RESEARCH (2014–2019), FULL APPLICATIONS

The aim of the Finnish Programmes for Centres of Excellence in Research (CoE) is to create favourable framework conditions for consortia of research teams and create potential for attaining scientific breakthroughs. Another aim is to promote collaboration and the application of novel approaches at the interfaces of scientific disciplines and fields of research. CoE programmes further boost the use of research infrastructures, network CoEs both nationally and internationally, increase the social impact of research, and raise the quality standards, international competitiveness, visibility and esteem of Finnish science and research.

CoE funding is intended for internationally leading-edge researchers, and the funding covers all direct project costs. The funding is granted in two periods of three years each and through a two-stage call.

This second stage of the CoE call is intended only for applicants who have submitted a letter of intent in April 2012. The projects that will proceed to the second stage will be selected in November 2012 on the basis of the plans of intent. The deadline for second-stage applications is 21 January 2013.

More information: [Centres of Excellence](#)

- Science Adviser Maiju Gyran (Programme Unit) tel. +358 9 7748 8291, +358 40 196 2729
- Science Adviser Hannele Lahtinen (Programme Unit) tel. +358 9 7748 8409

CALLS UNDER PREPARATION

Baltic Sea Research and Development Programme (BONUS)

BONUS EEIG is preparing a call within the Joint Baltic Sea Research and Development Programme (BONUS). The aim is to open an international call in **September 2012**. The BONUS EEIG steering committee will decide on the projects to be funded most likely in early 2013. After this, the Academy will launch a targeted call for the national funding. More information: Science Adviser Kyösti Lempa (Biosciences and Environment Research Unit), tel. +358 9 7748 8248, and www.bonusportal.org.

NORFACE Welfare State Futures Research Programme

NORFACE ERA-NET (New Opportunities for Research Funding Agency Co-operation in Europe) is preparing a new research programme on *Welfare State*



Futures. The research programme provides funding for high-standard social science research by international research teams. The description and the application guidelines will be posted on the NORFACE website **in September 2012** at the latest.

The call will have two stages. The research projects to be funded can start in spring 2014 at the earliest. The funding is granted for a maximum of three years.

More information: [NORFACE](#) (Academy website), www.norface.org and Science Adviser Jyrki Hakapää (Culture and Society Research Unit), tel. +358 9 7748 8277.

CIRCLE-2 ERA-NET call: Adaptation to climate change

The CIRCLE-2 ERA-NET project (Climate Impact Research and Response Coordination for a Larger Europe) is preparing a joint call to be opened in 2013. If the Academy decides to participate in this call, it will most likely open **in early 2013**.

More information: Science Adviser Harri Hautala (Biosciences and Environment Research Unit), tel. +358 9 7748 8408, and [CIRCLE-2](#).

Cooperation with India (ICMR) in health research

The Academy and the Indian Council for Medical Research (ICMR) are preparing a call for joint projects in health research. The aim is to open the call **in 2013** (Apr or Sep). More information: Science Adviser Vera Raivola (Health Research Unit), tel. +358 9 7748 8380, and Senior Science Adviser Jaana Roos (Programme Unit), tel. +358 9 7748 8338.

Cooperation with Japan (JSPS) in culture and society research

The Academy and the Japan Society for the Promotion of Science (JSPS) are preparing a call for joint projects in the field of culture and society research. The aim is to open the call **in September 2013**. Negotiations are under way on the global and local dimensions of modern culture and ageing, but the final theme of the call may be something else. More information: Science Adviser Tiina Forsman (Culture and Society Research Unit), tel. +358 9 7748 8443, and Science Adviser Ulla Ellmén (International Relations Unit), tel. +358 9 7748 8256.

Cooperation with Brazil (FAPESP)

The Academy and the Brazilian research funding agency FAPESP (São Paulo Research Foundation) are preparing a call for joint projects **in 2013** (probably Apr). The theme of the call is still open. More information: Science Adviser Satu Huuha-Cissokho (International Relations Unit), tel. +358 9 7748 8488, +358 40 730 4676.

Cooperation with NOS-HS in the field of culture and society research

The Joint Committee for Nordic Research Councils in the Humanities and Social Sciences (NOS-HS) will most likely open a call for exploratory workshops in late 2012 or early 2013. The content and deadline of the call will be confirmed in October 2012. More information: www.nos-hs.org, Senior Science Adviser Päivi Messo-Lindén (Culture and Society Research Unit), tel. +358 9 7748 8224.



APPENDICES

APPENDIX 1 A: APPENDICES TO APPLICATION

The appendices listed below 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 shall be 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, no more than four pages, including start and end dates of employment relationships, and the Finnish- or Swedish-language titles of employment relationships in Finland
- lists of publications by the applicant; clearly indicate the ten most important publications in terms of the research plan; the list shall be drafted in line with the new classification, see Appendix 6 (in the call for applications)
- 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 applicant's project 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

The consortium PI applies for funding only for his or her own research team. The consortium PI appends his or her curriculum vitae under *Personal data/CV*.

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, no more than four pages/PI
- lists of publications by the consortium PI and the PIs of the consortium subprojects; in all lists, clearly indicate the ten most important publications in terms of the project; the lists shall be drafted in line with the new publication type classification, see Appendix 6 (in the call for applications).

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
- statement by a Strategic Centre for Science, Technology and Innovation, confirming that the applicant's project is affiliated with the centre and justifying the significance of the project for the centre's operations
- 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.

2.2 Application by Principal Investigator of consortium subproject

The PIs of each consortium subproject apply for funding only for their own research team. No appendices are appended to the application of the subproject. The consortium PI appends them to his or her own application.



APPENDIX 1 B: APPENDICES TO LETTER OF INTENT

The appendices listed below are appended to the application when an application is submitted to the first application stage of the call for research posts as Academy Professor or 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, no more than four pages
- list of publications by the PI; clearly indicate the ten most important publications in terms of the research plan; the list shall be drafted in line with the new classification, see Appendix 6 (in the call for applications).

2 Letter of intent by consortium

For more detailed guidelines on how to draft a consortium application, see [Consortium application](#) on our website. The letter of intent is submitted only by the consortium PI who appends his or her curriculum vitae under *Personal data/CV*.

- plan of intent for the consortium, no more than six pages
- curricula vitae for the consortium PI and the PIs of the consortium subprojects, no more than four pages/PI
- lists of publications by the consortium PI and the PIs of the consortium subprojects; in all lists, clearly indicate the ten most important publications in terms of the research plan; the list shall be drafted in line with the new publication type classification, see Appendix 6 (in the call for applications).



APPENDIX 1 C: APPENDICES TO APPLICATION IN INTERNATIONAL JOINT PROJECT CALLS

When the application is submitted for an international call for joint projects, the appendices listed below 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 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 to appendices are mentioned in the call in question under *Appendices*.

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

Obligatory appendices:

- research plan, no more than 12 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, no more than four pages each (the curriculum vitae for the Finnish applicant is appended under *Personal data/CV*)
- lists of publications by the Finnish applicant and the foreign partner; clearly indicate the ten most important publications in both lists 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 applicant's project 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*.



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

Consortium applications can be considered in cases where a research team working in Finland has close collaboration with at least one other team working in Finland, team, **in addition to** a foreign partner.

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

In international joint calls, the following guidelines are also applied (in addition to the above):

The consortium PI also appends to his or her application **the curriculum vitae for the foreign applicant (no more than four pages)**. 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: FUNDING FOR ACADEMY PROJECTS (SEP 2011), BY RESEARCH COUNCIL

Research Council	Applications		Funding (€)	
	Number	Success rate (%)	Granted (spring 2012)	Average amount ¹
Biosciences and Environment	180	19	20,232,000	595,000
Culture and Society	283	15	23,507,000	545,000
Natural Sciences and Engineering	418	15	31,056,000	485,000
Health	197	19	15,231,000	412,000

Please note that the Academy's contribution to funding in these decisions came to no more than 80% of the total costs. The amounts have been rounded to the nearest thousand.

¹ Subprojects of consortium applications counted as separate decisions.

APPENDIX 3: POSTDOCTORAL RESEARCHER FUNDING (SEP 2011), BY RESEARCH COUNCIL

Research Council	Applications		Funding (€)	
	Number	Success rate (%)	Granted (spring 2012)	Average amount ²
Biosciences and Environment	150	17	7,907,000	304,000
Culture and Society	240	19	12,300,000	267,000
Natural Sciences and Engineering	251	19	13,570,000	283,000
Health	120	19	7,000,000	304,000

Please note that the Academy's contribution to funding in these decisions came to no more than 80% of the total costs. The amounts have been rounded to the nearest thousand.

² The funding granted includes both the salary for Postdoctoral Researcher and personal research costs.


APPENDIX 4: MONTHLY GRANTS 2012–2013 (APPROXIMATE AMOUNTS)

Recommended monthly grants payable for researcher training and research abroad and for funding 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*.

As a result of 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 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 2012, the annual amount of the State Grant for Artists is EUR 19,444.88 (for more details, see the [Arts Council of Finland website](#) under *FAQ, Guidelines for grant applicants*).

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

APPENDIX 5: GRANTS TO FOREIGN RESEARCHERS WORKING IN FINLAND

Short-term visits	
Grants with compensation for accommodation €80–182/day (incl. personal grant of €35 and maximum compensation for accommodation of €147)	
Visits longer than one month, including compensation for accommodation	
Master's degree or corresponding	€1,500–1,700/month
PhD or corresponding	€1,700–2,400/month
Professor	€2,400–4,000/month

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

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

The Academy recommends that 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.



APPENDIX 6: CLASSIFICATION OF PUBLICATIONS

We request that you follow the classification below in your list of publications. The classification is based on the classification by the Ministry of Education, Science and Culture (2010). For more information, see [Appendices](#) on our website and the Ministry's [Publication Type Classification Manual](#).

A Peer-reviewed scientific articles

Journal article (refereed), original research; review article, literature review, systematic review; book section, chapters in research books; conference proceedings
NB. Doctoral dissertations (articles) also listed under item G.

B Non-reviewed scientific articles

Non-refereed journal article; book section; non-refereed conference proceedings

C Scientific books (monographs)

Book; edited book, conference proceedings or special issue of a journal. *NB. Doctoral dissertations (monographs) also listed under item G.*

D Publications intended for professional communities

Article in a trade journal; article in a professional manual or guide or professional information system, textbook material; professional conference proceedings; published development or research report or study; textbook, professional manual or guide, dictionary

E Publications intended for the general public, linked to the applicant's research

Popularised article, newspaper article; popularised monograph (No letters to the editor, short commentaries or self-published works)

F Public artistic and design activities

Published independent work of art; public partial realisation of a work of art; public artistic performance or exhibition; model or design adopted for production/use

G Theses

Polytechnic thesis, Bachelor's thesis, Master's thesis, polytechnic Master's thesis; Licentiate thesis; doctoral dissertation (monograph); doctoral dissertation (article)

H Patents and invention disclosures

Granted patent, invention disclosure

I Audiovisual material, ICT software

Audiovisual material; ICT software



Call for applications

The 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 open in September 2012. 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 information on the Academy's calls. Riitta Mustonen, Vice President for Research, approved the September 2012 call for applications on 28 June 2012.

After 28 June 2012, the following major changes have been made in the call for applications:

Section 2.2.5

Decision by Vice President for Research on 31 August 2012:
Extension of the deadline for the call with the South African NRF
(Children and youth).

Section 2.3.3.1

Decision by Vice President for Research on 27 August 2012:
Extension of the deadline for the call with the Brazilian CNPq
(Sustainable energy).

Section 3.3

Supplementary information by the Research Council for Biosciences
and Environment for the call for research posts as Postdoctoral
Researcher.

Some phone numbers (valid until 1 October 2012) and website links have also been updated.