

ACADEMY OF FINLAND

CALL FOR APPLICATIONS

APRIL CALL: 3–26 APRIL 2017

Call closes at 16.15 local Finnish time.

The Academy of Finland funds cutting-edge, responsible and high-impact research, promoting the renewal and regeneration of science. We are Finland's leading expert organisation in science and science policy. Our funding is based on open competition and independent peer review.

We are also committed to promoting equality and open science. We require that the researchers and sites of research we fund follow the research-ethical guidelines of the Finnish Advisory Board on Research Integrity.

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



CONTENTS

AT-A-GLANCE GUIDE TO APPLYING	3
1. GENERAL GUIDELINES.....	4
1.1 For applicants.....	4
1.2 For sites of research.....	9
1.3 How applications are submitted and become pending, publicity and project description..	12
1.4 Information on decisions	13
1.5 Applicants and sites of research must confirm receipt of funding.....	14
FUNDING OPEN FOR APPLICATION IN APRIL 2017	15
2. FUNDING FOR RESEARCH PROJECTS.....	15
2.1 Academy Programmes.....	15
2.1.1 Radiation Detectors for Health, Safety and Security (RADDESS), call for letters of intent.....	15
2.1.2 Health from Science (TERVA), call for letters of intent	16
2.2 Targeted call: thematic call of ICT 2023 programme	18
3. FUNDING FOR RESEARCHERS.....	20
3.1 Funding for research post as Academy Professor	20
3.2 Funding to NSF Graduate Fellows for research in Finland	22
4. FUNDING FOR RESEARCH ENVIRONMENTS	23
4.1 SRC matching funds for Horizon 2020	23
OTHER CALLS: ADVANCE INFORMATION AND LINKS.....	24
APPENDICES.....	26
Appendix 1 A: Appendices to full application.....	26
Appendix 1 B: Appendices to letter of intent.....	28
Appendix 2: Calculation of support to international researcher mobility 2016–2017	29
Appendix 2 A: Calculation of mobility allowance in research projects.....	29
Appendix 2 B: Calculation of grants to foreign researchers working in Finland.....	30
Appendix 2 C: Calculation of grants for mobility from Finland based on international agreements	31
Appendix 3: Open science: open access publishing and open data	33
Appendix 4: Data management plan	35
Appendix 5: How to submit a consortium application (first and second call stage)	37



AT-A-GLANCE GUIDE TO APPLYING

When?

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

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

In April, for example, we invite applications for Academy Programme and targeted Academy Project funding.

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

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

What?

A list of Academy funding opportunities is available on our website under [Our funding opportunities](#).

How?

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

- 1) [call texts](#) for our main calls, describing our available funding opportunities
- 2) [guidelines on how to draft and submit applications](#)
- 3) [guidelines on how to draft appendices](#) (structure and length)
- 4) [programme memoranda for our programmes](#)
- 5) [how-to guide to our online services](#).

Also read our [step-by-step guide to applying](#), which is a brief summary of the most important steps you will need to follow to submit your application.

In connection with our main calls, we often also publish a “What’s new” summary describing any new and revised guidelines for that particular call.

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



1. GENERAL GUIDELINES

1.1 FOR APPLICANTS

Who can apply?

If you, as a principal investigator of a research project, want to apply for research funding from the Academy of Finland, you must be a researcher at the professor or docent level or with a doctoral degree, unless the call text indicates otherwise. In some of our funding opportunities, the applicant is a university or a research institute.

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

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

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

What does the funding cover?

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

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

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

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

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

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



Publicity and ethics of research results

Any and all results produced with funding from the Academy of Finland must be made public.

The research must be conducted following the principles of good scientific practice. The Academy is committed to following the guidelines of the Finnish Advisory Board on Research Integrity and requires that Academy-funded researchers and sites of research respect the same guidelines. Read more on page 8–9 (research plan guidelines) and page 11 (commitment by site of research) of the April 2017 call text.

The Academy supports international researcher mobility

The Academy of Finland funds international researcher mobility:

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

Read more in Appendices 2 A–C of the April 2017 call text and on our website under [Calculation of support to international researcher mobility](#).

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

Salary costs of principal investigator (under certain limitations)

Academy funding for research projects (Academy Projects, targeted projects and Academy Programme projects) is primarily intended **for the salaries of full-time researchers working on the projects and for other research costs**. The salary costs of the PI may, under certain limitations, be incorporated into the total project costs (see below).

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

The salary costs of the PI may be incorporated into the total project costs in accordance with what is stated in the research plan. The **PI's tasks must be clearly described** in the research plan (under *Implementation*). In the application, indicate the salary under *Project funding, Salaries*.

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

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

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



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

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

3. Granting salary funding to PI with no employment relationship

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

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

Individual project or consortium?

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

In calls that concern Academy Project funding, Academy Programme funding and targeted funding, principal investigators apply for funding **for their research teams**.

In calls intended for research teams, funding may also be applied for by a **consortium composed of several research projects**. By working as a consortium, the goal is to achieve greater scientific added value than what can be achieved by the individual projects alone. The added value must be described in the research plan. The consortium subprojects may work at different universities or at different departments of the same university, for instance. The cost estimates and funding plans presented in the consortium application must be realistic and drafted taking into account the total funding available in the call concerned.

From the perspective of the Academy's application process, a consortium is a **joint application** where each party to the consortium applies for funding from the Academy. In Academy calls, collaborators who have an important role in the implementation of the research plan but who will not apply for funding as consortium subprojects are not regarded as consortium parties. Under *Partners* in the application, describe how other Finnish or foreign researchers working with their own funding will contribute to the project.

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

Appendix 5 of the April 2017 call text shows an illustration of the technical process of drafting a consortium application. The joint consortium application is submitted by the consortium PI. The PI can submit the consortium application only after all subprojects have tagged their applications as complete. This procedure applies to consortium applications both for letters of intent (first call stage) and for full applications (second call stage). The PI must submit the consortium application by the set deadline. Consortium compositions cannot be changed after the deadline has expired.



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

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

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

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

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

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

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

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

Guidelines on required appendices

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

For guidelines on how to draft appendices, see [Appendices required](#) on our website (e.g. [Research plan guidelines](#), [Curriculum vitae guidelines](#) and [Guidelines for list of publications](#)). The guidelines for application appendices will be updated before the call opens.

CV according to Advisory Board's guidelines

We ask that you draft your CV in accordance with the [guidelines of the Finnish Advisory Board on Research Integrity](#) and the [guidelines of the Academy](#), taking into account the nature of the call, the research career stage and the practices of the scientific discipline. Your CV should be a concise presentation of your most important scientific merits in terms of the call concerned. We recommend that CVs be no more than four pages long.

Draft the research plan following our guidelines

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



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

Follow the Advisory Board's guidelines

The ethical issues of the research must always be described in the research plan; they are reviewed as part of the scientific review. The **ethical issues and duties** to be considered at the application stage are listed on our website under [Research ethics](#).

We require that all Academy-funded research is conducted following [the guidelines of the Finnish Advisory Board on Research Integrity](#), including [the recommendations on ethical review in human sciences](#).

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

We require open science practices: publication plan and data management plan

We require that Academy-funded projects

- are committed to open access publishing
- make their research data and methods freely available for reuse.

The principles of open science must be pursued with due attention to research ethics and law. The degrees of data openness may justifiably vary, ranging from fully open to strictly confidential.

Read more in Appendix 3 (Open science) of the April 2017 call text.

The application must include a **publication plan**, which forms part of the research plan. Applications must also include a separate **data management plan**; read more in Appendix 4 of the April 2017 call text.

Research plans should describe both scientific impact and impact beyond academia

As before, the research plan should include descriptions of both the research project's scientific impact and its expected impact beyond academia. The impact description is a separate part of the research plan. Impact beyond academia may come in many different forms depending on the research field and project.

Details entered on the application form

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

Mobility plan and previous mobility

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

Only visits of at least five working days in total count as a previous mobility period. This limit is the same as in the data collection on universities applied by the Ministry of Education, Science and Culture.



Partners for which funding will not be applied

Under *Partners* in the application, describe how other Finnish or foreign researchers working with their own funding will contribute to the project.

Describe your use of research infrastructures

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

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

1.2 FOR SITES OF RESEARCH

Terms and conditions for funding

Funding by the Academy of Finland is granted following the Finnish Act on Discretionary Government Transfers and the general conditions for funding adopted by the Academy.

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

We allocate the funding to the researcher's host organisation. The host organisation receiving the transfer is permitted to use it solely to fund the research carried out by the PI named in the funding decision. Staff to be hired with Academy research funding must have an employment relationship with the site of research or the organisation receiving the funding.

Grants for research abroad (mobility grants awarded under the funding scheme *International researcher mobility based on bilateral agreements*) may also be allocated directly to the researcher.

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

The funding is regarded as a **discretionary government transfer** if the recipient is a non-governmental organisation (e.g. university, independent public institution, municipality, joint municipal authority, association, business, foundation, foreign organisation or private individual). The funding is allocated to the host organisation – not the researcher – and the organisation is thus regarded as the recipient of the transfer (as per the Finnish Act on Discretionary Government Transfers), and will accordingly be required to assume all related obligations.

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

Academy funding to research organisations

A research organisation refers to an organisation whose primary goal is to conduct independent basic research, industrial research or experimental development or to disseminate its results widely by means of education, publication or knowledge



transfer. Research organisations include higher education institutions or research institutes, which are funded according to the Finnish Act on Discretionary Government Transfers and the Academy's general funding conditions.

Academy funding to non-research organisations

The primary goal of non-research organisations is related to other activities than independent research or dissemination of research results. As a rule, the Academy does not grant funding to support economic activity. Economic activity is defined as all activity where goods or services are offered on an open market.

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

Business collaborators in Academy-funded projects

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

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

Co-funding, full costing and additional cost model

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

In your application, you must provide a funding plan in accordance with the full cost model, including the amount of funding to be applied for from the Academy. Draft the online application so that the Academy's contribution to funding comes to no more than the percentage indicated in the call text. In calls where cost calculation follows the principles of full costing, the Academy's contribution usually comes to no more than 70% of the total costs

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



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

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

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

Sites of research commit to the funding at the application stage

The Academy will fund a research project only if the application includes a commitment by the site of research. You must agree on this commitment **in advance** with a representative of the site of research. After the call has closed, we will request the commitment by the site of research from the person indicated in the application. Read more on our website under [Commitment by site of research](#).

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

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

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

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

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

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

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

A prerequisite for Academy funding is that both the applicant and the site of research commit to the guidelines issued by the Finnish Advisory Board on Research Integrity



on [responsible conduct of research and procedures for handling allegations of misconduct in Finland](#). The site of research undertakes to submit to the Academy's Registrar's Office the final report of any investigations concerning violation of good scientific practice by the PI or a researcher of an Academy-funded project.

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

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

How applications are submitted and become pending: late applications will not be accepted

Applications for the Academy of Finland's April 2017 call can be drafted and submitted in the online services as of Monday 3 April 2017. The deadline for applications is Wednesday 26 April 2017 at 16.15 local Finnish time, unless the call text indicates otherwise. The non-negotiable call deadline also applies to consortia. Please note that consortium PIs can submit the consortium application only after all consortium subprojects have tagged their applications as complete. International calls may have other deadlines. To ensure smooth drafting and submission, please submit your application as early as possible.

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

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

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

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

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

Supplementing the application, reporting other funding received

You can make changes (e.g. change appendices) in an application you have submitted to the Academy, but you must make them **before the deadline expires**. To do this, log in to the online services, open the application, make the necessary changes and save the supplemented application by the set deadline. You will not receive any confirmation message when you supplement and re-save an application.



If you notice that your application lacks important information **after the deadline has expired**, immediately get in touch with the call's contact person, who can open the application so that you can add the information. Make sure to re-submit the application after you have supplemented it. You will receive an email confirmation after the resubmission.

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

We will take into account the additions insofar as it is possible in view of the review and decision-making process. An important addition is, for instance, an invitation by a foreign university.

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

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

Publicity of applications

Under the Finnish Act on the Openness of Government Activities, an application and its appendices are public information; research plans, plans of intent, abstracts and progress reports, however, are not. For example, the CV is a public document and as such must not include any confidential information.

Write a popular description of the project

The popular description of the project is an important part of the application. The description is a way for the Academy and researchers to disseminate information on Academy-funded research to the research community, stakeholders and the public at large. The description should therefore be as readable as possible, written for a non-scientific audience. It must give the reader a brief summary of the key points of the research. Read more under [Public description of project](#) on our website. The description must not exceed 1,000 characters. The public description is not the same as the scientific abstract included in the application; the abstract must not exceed 2,500 characters.

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

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

1.4 INFORMATION ON DECISIONS

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



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

1.5 APPLICANTS AND SITES OF RESEARCH MUST CONFIRM RECEIPT OF FUNDING

After being granted funding, you must check and accept it in the online services without delay. The system will then send a notification to the commitment issuer at the site of research. That person must also accept the granted funding.

The funds can be paid only after both the applicant and the representative of the site of research have accepted them as received. The system will then notify the funding to the finance administration of the site of research, whereupon the funds will be ready to use.



Funding open for application in April 2017

2. FUNDING FOR RESEARCH PROJECTS

2.1 ACADEMY PROGRAMMES

2.1.1 RADIATION DETECTORS FOR HEALTH, SAFETY AND SECURITY (RADDESS), CALL FOR LETTERS OF INTENT

Radiation Detectors for Health, Safety and Security (RADDESS) is an Academy Programme aimed at developing new radiation detection technologies and measurements for applications that have a medical, safety, security or industrial context. The programme will also accommodate research into measurement methods based on existing detection technologies, as well as work aimed at significantly improving current measurement methods.

The programme has three main objectives:

- to generate new and innovative scientific knowledge about new radiation detection technologies and their applications especially in the health, safety and security fields
- to steer research towards the development of device-driven and functional radiation detection systems in areas of application that are significant for the future
- to develop knowledge and expertise in basic research so that physical phenomena can be better understood and used in developing more sensitive and more accurate radiation detectors.

Who is eligible to apply?

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

Funding

Projects will be awarded with funding for up to four years, starting on 1 January 2018. The Academy Board has set the programme's funding budget at 10 million euros.

Each individual project will be granted a maximum of 500,000 euros and each consortium a maximum of 1 million euros in Academy funding. Consortium subprojects may vary in size.

Programme memorandum

The programme memorandum contains more details on the programme's background, aims, thematic areas and review criteria. At the first call stage, it is important that the proposed research project matches the programme's aims and that it fits the programme structure.

The programme memorandum is available on our website at www.aka.fi/raddeess.> EN. Carefully reading through the memorandum ensures that you are able to submit a competitive application.

Appendices to application

- Obligatory appendices: see Appendix 1 B of the April 2017 call text.



- Case-specific appendices: cooperation agreement (if the project involves cooperation with businesses).

How to apply

The RADDESS Academy Programme has a two-stage call. The non-negotiable deadline for letters of intent is 26 April 2017 at 16.15 local Finnish time. Draft the application in [the Academy's online services](#). Select *Open calls* > **RADDESS 2017, call for letters of intent**.

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

If the applicant is a consortium, see detailed guidelines on our website under [Guidelines for consortium application](#). **Please note that all consortium parties will submit a subproject application also at the first call stage.** For both the first and second call stage, also note that consortium PIs can submit the consortium application only after all consortium subprojects have tagged their applications as complete. Consortium compositions cannot be changed after the first-stage deadline has expired.

Based on the letters of intent, the Academy will decide on 22 June 2017 which projects will proceed to the second stage. Those selected to the second stage will be asked to submit full applications in the Academy's online services by 4 September 2017 at 16.15 local Finnish time. The deadline is non-negotiable.

Contacts

- Programme Manager Tommi Laitinen (Academy Programme Unit), tel. +358 295 335 057
- Programme Manager Saila Seppo (Academy Programme Unit), tel. +358 295 335 109
- www.aka.fi/raddress > EN

2.1.2 HEALTH FROM SCIENCE (TERVA), CALL FOR LETTERS OF INTENT

Health from Science (TERVA) is an Academy Programme aimed at encouraging Finnish researchers to seek bold, new research initiatives that can solve health issues related to major public health diseases. The programme invites high-risk research designs where the risks are motivated in terms of potentially significant effects on the promotion of public health. In order to receive funding, the projects must involve open-minded approaches at the frontiers of knowledge – they must not be continuations of existing projects. The programme will be implemented jointly with the Finnish Brain Foundation, the Foundation for Pediatric Research, the Finnish Medical Foundation and the Cancer Foundation.

Who is eligible to apply?

The funding can be applied for by consortia consisting of at least two research teams representing at least three research fields.

Funding

The programme will provide research projects with funding for up to three years, starting on 1 January 2018. The Academy Board has set the programme's funding budget at a maximum of 7 million euros. The Finnish Brain Foundation will contribute



to the programme's funding with up to 150,000 euros, the Foundation for Pediatric Research with up to 500,000 euros, the Finnish Medical Foundation with up to 300,000 euros and the Cancer Foundation with up to 1.5 million euros.

The total funding by the Academy and the foundations amounts to a maximum of 2 million euros per consortium, and up to 1.3 million euros per consortium subproject.

Projects may receive funding from both the Academy and the foundations, together or separately. The funding decisions, which will be coordinated by the programmes steering group, will be made following the Academy's and the foundations' own funding principles. Information about the foundations' funding principles is available on the foundations' websites. Academy funding and foundation funding cannot be used to finance the same costs.

Programme memorandum

The programme memorandum contains more details on the programme's background, aims, thematic areas, review criteria and funding principles for foundation cooperation. The most important criterion at the first call stage is a high-risk research design where the risks are motivated in terms of potentially significant effects on the promotion of public health.

The programme memorandum is available on our website at www.aka.fi/terva > EN. Carefully reading through the memorandum ensures that you are able to submit a competitive application.

How to apply

The TERVA Academy Programme has a two-stage call. The non-negotiable deadline for letters of intent is 26 April 2017 at 16.15 local Finnish time. Draft the application in [the Academy's online services](#). Select *Open calls* > **Health from Science (TERVA) 2017, call for letters of intent**.

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

If the applicant is a consortium, see detailed guidelines on our website under [Guidelines for consortium application](#). **Please note that all consortium parties will submit a subproject application also at the first call stage.** For both the first and second call stage, also note that consortium PIs can submit the consortium application only after all consortium subprojects have tagged their applications as complete. Consortium compositions cannot be changed after the first-stage deadline has expired.

Based on the letters of intent, the Academy will decide by 22 June 2017 which projects will proceed to the second stage. Those selected to the second stage will be asked to submit full applications in the Academy's online services by 4 September 2017 at 16.15 local Finnish time. The deadline is non-negotiable.

Appendices to application

The required appendices are listed in Appendix 1 B of the April 2017 call text.



Contacts and more information

- Programme Manager Jukka Reivinen (Academy Programme Unit), tel. +358 295 335 099
- Project Officer Erika Lempiäinen (Academy Programme Unit), tel. +358 295 335 101
- www.aka.fi/terva > EN
- www.aivosaatio.fi (Finnish Brain Foundation)
- www.laaketieteensaatio.fi (Finnish Medical Foundation)
- www.lastentautientutkimussaatio.fi (Foundation for Pediatric Research)
- www.syopajarjestot.fi (Cancer Foundation)

2.2 TARGETED CALL: THEMATIC CALL OF THE RESEARCH, DEVELOPMENT AND INNOVATION PROGRAMME ICT 2023

The Academy of Finland and Tekes, the Finnish Funding Agency for Innovation, are committed to implementing the research, development and innovation programme ICT 2023. The aim of the programme is to further improve Finland's scientific expertise in computer science and to promote the broad-based application of ICT.

In April 2017, funding may be applied for under the following three themes:

- industrial internet
- computation, machine learning and artificial intelligence
- user-centred health technology and digital health services.

The contents and aims of these thematic calls are described in more detail in the memorandums that will be posted on our website before the call opens.

Who is eligible to apply?

The funding can be applied for by both individual research projects and consortia composed of two or several research teams. Applicants may be consortium PIs or subproject PIs in only one application for ICT 2023 funding.

Funding period

The funding is granted for two years. As a rule, the funding period starts on 1 January 2018. The Academy's preliminary funding budget for these thematic calls is a total of 12 million euros.

Memorandum

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

Appendices to application

- Obligatory appendices: see Appendix 1 A of the April 2017 call text.
- Case-specific appendices: collaboration plan (if the project involves cooperation with businesses) See the memorandum for guidelines on how to draft the collaboration plan.



How to apply

This call is a single-stage call. The non-negotiable deadline for applications is 26 April 2017 at 16.15 local Finnish time. Draft the applications in [the Academy's online services](#). Select *Open calls* >

- ***ICT 2023: Industrial Internet***
- ***ICT 2023: Computation, Machine Learning and Artificial Intelligence***
- ***ICT 2023: User-Centred Health Technology and Digital Health Services.***

Make sure to select the correct call.

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

Applicants may be invited for interviews during the review process.

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

Contacts and more information

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



3. FUNDING FOR RESEARCHERS

3.1 FUNDING FOR RESEARCH POST AS ACADEMY PROFESSOR

Post description and requirements

Academy Professors are internationally leading-edge researchers and recognised experts in their field who are expected to have great scientific impact in the scientific community and in society at large. Academy Professors are expected to significantly advance research in their field and to develop creative research environments.

When applying for funding for a research post as Academy Professor you apply for funding for your own salary for up to five years.

The aim is to facilitate full-time scientific research for internationally leading-edge researchers. Academy Professors pursue their research plan, supervise their team and provide guidance to junior researchers. Their duties also include (without separate compensation) supervision of thesis and dissertation writers and teaching associated with the research.

At present, the Academy of Finland funds 41 five-year research posts as Academy Professor in the fields of the Academy's research councils. The number of Academy Professors varies depending on the funding periods. The aim of the present call is to provide funding to up to 15 new Academy Professors. Plans are in place to open the Academy Professor funding call every two years.

Who is eligible to apply?

The applicant is a researcher. Applicants for a research post as Academy Professor must have demonstrated excellence in research and contributed to the development of their field as a whole.

Applicants who have previously held a research post as Academy Professor must in their application demonstrate their successful activities during their previous term, and their research plans must show scientific ambition and renewal.

Funding

The funding towards the Academy Professor salary is determined based on a monthly salary of 8,900 euros. We will also allocate funding for indirect employee costs (28%) and overheads (14.29%, i.e. the funding includes a 12.5% overheads share).

At the first stage of the call, applicants enter the entire salary on the application form. At the second stage, applicants may also apply to have the salary co-funded by another party. Instructions will be provided in November 2017.

Successful applicants can – having received the decision on their salary funding – submit a separate application to the relevant Academy research council for a research cost grant.

Funding period

The posts are filled for a maximum of five years at a time. The funding period starts on 1 January 2019 and ends on 31 December 2023 at the latest.



Two-stage call

The Academy Professor call has two stages. Based on the letters of intent, the Academy's General Subcommittee will decide in November 2017 who will proceed to submit a full application. The non-negotiable deadline for full applications is 10 January 2018 at 16.15 local Finnish time. Both letters of intent and full applications will be reviewed using international peer review. At the second call stage, applicants will be given an opportunity to respond in writing to questions posed by the reviewers. Responses will be collected in February–March 2018. Decisions on funding recipients and the reserve list are made by the Academy's General Subcommittee in summer 2018.

Appendices to application

Obligatory appendices:

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

Case-specific appendices:

- applicants who currently hold or have previously held a post as Academy Professor: free-form report on successful activities during previous Academy Professor term and on related scientific renewal, no more than two pages

Append only the requested appendices to the application and make sure to draft them in line with the Academy's guidelines, see [Appendices required](#) on our website. Make sure not to exceed the maximum length of appendices. Draft the appendices in PDF format and in English, and append them to the application in the online services under *Appendices*. The only exception is the curriculum vitae, which is appended under *Personal data/CV*.

How to apply

The non-negotiable deadline is 26 April 2017 at 16.15 local Finnish time. Draft the application in [the Academy's online services](#). Select *Open calls* > **Academy Professor, call for letters of intent**.

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

Contacts

Biosciences and Environment Research Unit: Science Adviser Timo Sareneva, tel. +358 295 335 106

Culture and Society Research Unit: Senior Science Adviser Hannele Kurki, tel. +358 295 335 052

Natural Sciences and Engineering Research Unit: Senior Science Adviser Ritva Taurio, tel. +358 295 335 115

Health Research Unit: Science Adviser Sara Illman, tel. +358 295 335 119



3.2 FUNDING TO NSF GRADUATE FELLOWS FOR RESEARCH IN FINLAND

Aim

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

Who is eligible to apply?

The funding is applied for by the Academy Professor, the Academy Research Fellow, the Centre of Excellence director or the SRC consortium PI receiving the Graduate Research Fellow.

If the Centre of Excellence or the SRC consortium involves researchers working at more than one site of research, the funding can be applied for by the PI of the site to which the Fellow is invited.

Funding

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

Funding period

The funding period will start between 1 June and 1 December 2017. Grants can be awarded for a maximum of twelve months over a two-year period. The funding decisions will be made in May 2017.

Appendices to application

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

How to apply

The funding does not include any overheads. The non-negotiable deadline for applications is 26 April 2017 at 16.15 local Finnish time. Draft the application in [the Academy's online services](#). Select *Open calls > NSF Graduate Research Fellows*.

Contacts

- Coordinator Kristiina Helansuo (Culture and Society Research Unit), tel. +358 295 335 022
- Senior Science Adviser Tiina Jokela (Strategic Research Unit), tel. +358 295 335 046



4. FUNDING FOR RESEARCH ENVIRONMENTS

4.1 SRC MATCHING FUNDS FOR HORIZON 2020

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

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

SRC matching funds can be applied for by research organisations. **The application deadline is open-ended.** The SRC will decide in January 2018 on applications submitted during the period 1 Dec 2016–31 Dec 2017.

The application guidelines, funding conditions and processing schedule are available [on our website](#).

Contacts

- Finance Manager Sirpa Nummila (Finance Unit), tel. +358 295 335 081
- Senior Science Adviser Kyösti Lempa (Strategic Research Unit), tel. +358 295 335 144



OTHER CALLS: ADVANCE INFORMATION AND LINKS

Calls by the Academy of Finland

The Academy of Finland's September 2017 call will be open 1–27 September 2017 (TBC). The call is set to include the following funding opportunities:

- Academy Project funding (all research fields)
- Academy Programme in the field of development research (in collaboration with the Ministry for Foreign Affairs of Finland)
- targeted funding within the ICT 2023 programme
- funding for research post as Academy Research Fellow
- funding for research post as Postdoctoral Researcher
- funding for clinical researchers
- funding for international researcher mobility based on bilateral agreements

In addition, we are initially preparing the following opportunities:

- Academy-NSF call for joint projects within the Academy Programme Personalised Health – From Genes to Society (pHealth)
- Academy-RFBR call for joint projects within the Arctic Academy Programme (ARKTIKO)
- competitive funding to strengthen university research profiles (PROFI), tentatively planned for late autumn 2017.

International calls co-funded by the Academy of Finland

The following is a list of some upcoming international calls in which the Academy of Finland will participate as a funding partner. An updated list of upcoming and open calls is available on our website under [Apply now](#). Always check the application dates on the calls' own websites.

- [ERA-NET NEURON call on defective synaptic function](#), first stage closes 14 Mar 2017
- [QuantERA call 2017: quantum information and communication sciences and technologies](#), closes 15 Mar 2017
- [NOS-HS workshops 2017](#), closes 21 Mar 2017
- [LEAP-AGRI ERA-NET: EU-Africa Research and Innovation Partnership on Food and Nutrition Security and Sustainable Agriculture](#), closes Apr 2017
- [JPI MYBL transnational call: Ageing and Place in a Digitising World](#), closes 3 Apr 2017
- [NordForsk & NRO: Inclusive Education across Borders: Research Projects oriented towards practice and policy](#), closes 4 Apr 2017
- [NORFACE Social Transformations to Sustainability \(T2S\)](#), closes 5 Apr 2017
- [NordForsk: Nordic University Hubs](#), closes 3 May 2017
- [Ethical, Legal and Social Aspects \(ELSA\) of Neuroscience](#), closes 3 May 2017

We are also preparing the following international calls

- [EqUIP Sustainable Prosperity, Equity and Wellbeing](#), Jul–Sep 2017 (TBC)
- [NordForsk Education for Tomorrow Phase II: Nordic Centre of Excellence](#), closes 13 Sep 2017 (TBC)



-
-
- [HERA: Culture, Integration and European Public Space](#), closes 26 Oct 2017 (TBC)
 - [CHIST-ERA call 2017](#), Oct 2017 (TBC)

Annual international calls

- Horizon 2020 calls: Research and Innovation Programmes ([EUTI, the official information office for EU R&D in Finland](#))
- [Marie Skłodowska-Curie actions](#)
- [European Research Council \(ERC\)](#):
 - [Starting Grants](#)
 - [Consolidator Grants](#)
 - [Advanced Grants](#)
- NordForsk funding for joint Nordic research efforts. [Read more on the NordForsk website.](#)



APPENDICES

APPENDIX 1 A: APPENDICES TO FULL APPLICATION

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

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

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

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

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

1. Research post or individual project applications

Obligatory appendices:

- research plan, no more than twelve pages
- curriculum vitae for the applicant, no more than four pages (recommendation), drafted according to the Finnish Advisory Board on Research Integrity's guidelines
- list of publications by the applicant; clearly indicate the ten most important publications for the research plan
- data management plan
- Finnish degree certificate or English-language degree certificate of a doctoral degree obtained abroad (only in applications for funding for research posts as Academy Research Fellow or Postdoctoral Researcher) Please do not append any transcripts of records.

Case-specific appendices:

- invitation by foreign university or research institute, if the research or part of it will be conducted abroad; please do not append any letters of recommendation
- statement by an ethics committee or the Committee on Animal Experimentation; the ethical aspects must always be specified in the research plan
- progress report on all Academy-funded projects headed by the applicant that have not submitted final reports



2. Consortium applications

All consortium parties (consortium PI and subproject PIs) will draft their own applications, applying for funding only for their own research teams. The various parts of the consortium application will be combined into a single consortium (created by the consortium PI) in the Academy's online services.

Appendices to consortium application:

The consortium PI must append the following appendices to their application:

- joint research plan drafted in line with [consortium guidelines](#), no more than 15 pages
- statement by an ethics committee or the Committee on Animal Experimentation (if needed in a consortium subproject); the ethical aspects must always be specified in the research plan

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

Obligatory appendices:

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

Case-specific appendices:

- progress report on all Academy-funded research projects for which the applicant has not submitted final reports
- invitation by foreign university or research institute, if the research or part of it will be conducted abroad; if necessary, several invitations combined into the same appendix

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



APPENDIX 1 B: APPENDICES TO LETTER OF INTENT

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

Append only the requested appendices to the application and make sure to draft them in line with the Academy's guidelines, see [Appendices required](#) on our website. Make sure not to exceed the maximum length of appendices. Draft the appendices in PDF format and in English, and append them to the application in the online services under *Appendices*. The only exception is the curriculum vitae, which is appended under *Personal data/CV*.

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

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

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

All consortium parties (consortium PI and subproject PIs) will draft their own applications, applying for funding only for their own research teams. The various parts of the consortium application will be combined into a single consortium (created by the consortium PI) in the Academy's online services.

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

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

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

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

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



APPENDIX 2: CALCULATION OF SUPPORT TO INTERNATIONAL RESEARCHER MOBILITY 2016–2017

The Academy of Finland funds international researcher mobility:

- in research projects
 - **as a mobility allowance** for mobility from Finland as part of a project's (research projects, research posts) research costs (see Appendix 2 A of the April 2017 call text)
 - **as grants** to non-EU researchers coming to Finland on employment contracts shorter than a year (see Appendix 2 B of the April 2017 call text)
- with our funding opportunity [International researcher mobility based on bilateral agreements](#) as research grants or personal grants (see Appendices 2 B and 2 C of the April 2017 call text).

APPENDIX 2 A: CALCULATION OF MOBILITY ALLOWANCE IN RESEARCH PROJECTS

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

researchers without dependants: €1,050/month

researchers with dependants: €1,500/month

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

The allowance is applied for in the online services under Other costs. Ticket costs for travel abroad are entered under *Travel costs*. If researchers and their families stay abroad for at least six months, funding can also be applied for to cover family travel costs.

The amounts are recommendations by the Academy and form the basis of the funding decision.



APPENDIX 2 B: CALCULATION OF GRANTS TO FOREIGN RESEARCHERS WORKING IN FINLAND

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

Short-term visits:	
Grants with compensation for accommodation €80–185/day (incl. personal grant €39 and maximum compensation for accommodation €147)	
Visits longer than one month, including compensation for accommodation:	
Master's degree or equivalent	1,600–1,800 euros/month
PhD or equivalent	1,800–2,500 euros/month
Professor	2,500–4,100 euros/month

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

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

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

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

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

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

We recommend that the grantee and the site of research consult the tax administration concerning any tax consequences possibly arising from the payment of the grant.



APPENDIX 2 C: CALCULATION OF GRANTS FOR RESEARCHER MOBILITY (FROM FINLAND) BASED ON INTERNATIONAL AGREEMENTS

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

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

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

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

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

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

The full cost model is not applied to this funding. Depending on the agreement, the funding is paid either as a grant directly into the researcher's own bank account, or as a research grant via the financial administration of the site of research.



The grant sums take into account the grantee's obligation to take out pension, accident and life insurance. For more information, see [Grant and scholarship recipients](#) on the Farmers' Social Insurance Institution's website. For more information on grant taxation, see [the Finnish Tax Administration's website](#) (in Finnish) and their Memorandum of 27 Jan 2010, [New Universities Act and international situations](#) (in Finnish)



APPENDIX 3: OPEN SCIENCE: OPEN ACCESS PUBLISHING AND OPEN DATA

One of the Academy of Finland's science policy objectives is to promote open science. Openness is a key principle in all science and research. The Academy is keen to stress that openness, in practice, improves the overall quality and impact of research. Open science forms part of the principles of good scientific practice. The Academy is committed to promoting the practices outlined in Finland's national [Open Science and Research Roadmap 2014–2017](#) and to considering open science promotion in providing funding for research projects.

We require that Academy-funded projects commit to open access publishing. We also work to promote open access to research data and methods. The goal is to make research publications, data and material, metadata and methods widely available for reuse. The principles of open science must be pursued with due attention to research ethics and law.

Open access publishing

The Academy of Finland is keen to highlight the importance of quality in scientific publishing. We require that all Academy-funded researchers see to that all publications produced with funding from the Academy of Finland are made freely available, where possible. This requirement particularly concerns peer-reviewed scientific articles.

Researchers can publish their articles following **either green or gold open access**.

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

Gold open access means that a publication is immediately provided in open access mode through a high-quality open access publication channel, that is, an open access journal. In this case, the publisher is responsible for providing the article in open access mode immediately. The publisher may charge an open access fee (article processing charge). This fee may be included in the research costs of the project.

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

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

Open data

We require that principal investigators of Academy-funded research projects see to that the projects' data are stored and made available through major national or international archives or storage services that are important in the fields concerned.

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



The research project concerned and the publisher of the data must ensure that publishing the data will not be in breach of the Finnish Act on the Openness of Government Activities, the Finnish Personal Data Act or the Finnish Copyright Act. When making data openly available, the parties involved must also consider licensing issues.

Archives and storage services are provided by, for instance:

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

The Academy of Finland requires that applications to be submitted to the Academy include a data management plan for the research project or research infrastructure concerned. Append the data management plan to the application as a separate appendix (read more in Appendix 4 of the April 2017 call text).

More information on open science

- [Open Science and Research Initiative](#)
- [Finnish Social Science Data Archive \(FSD\): data management guidelines, data management planning](#)
- [Open Science and Research Roadmap 2014–2017](#)
- [Publication Forum's classification of scientific publication channels](#)



APPENDIX 4: DATA MANAGEMENT PLAN

As open as possible, as closed as necessary

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

Draft the plan according to the structure below. You can use the data management planning tool DMPTuuli or draft the plan without it. The structure and contents of the appendix are the same regardless of which method you choose.

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

Read more:

- www.dmptuuli.fi
- [detailed Academy data management plan guidelines and best practices in DMPTuuli](#)
- [Academy of Finland's open science policy](#) (see also Appendix 3 of the April 2017 call text)
- [Finnish Social Science Data Archive](#): data management guidelines

Structure of data management plan

On the first page of the plan, write the applicant's (the PI's) name, research topic and application number. Also remember to date the plan. The length of the plan is 1–2 pages. Plans drafted with DMPTuuli are slightly longer than this, because of differences in text layout.

1. Types of data

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

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

2. Documentation and quality

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

3. Storage and backup

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



4. Ethics and legal compliance

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

Please note that the ethical issues that concern data collection and research implementation are described in the research plan.

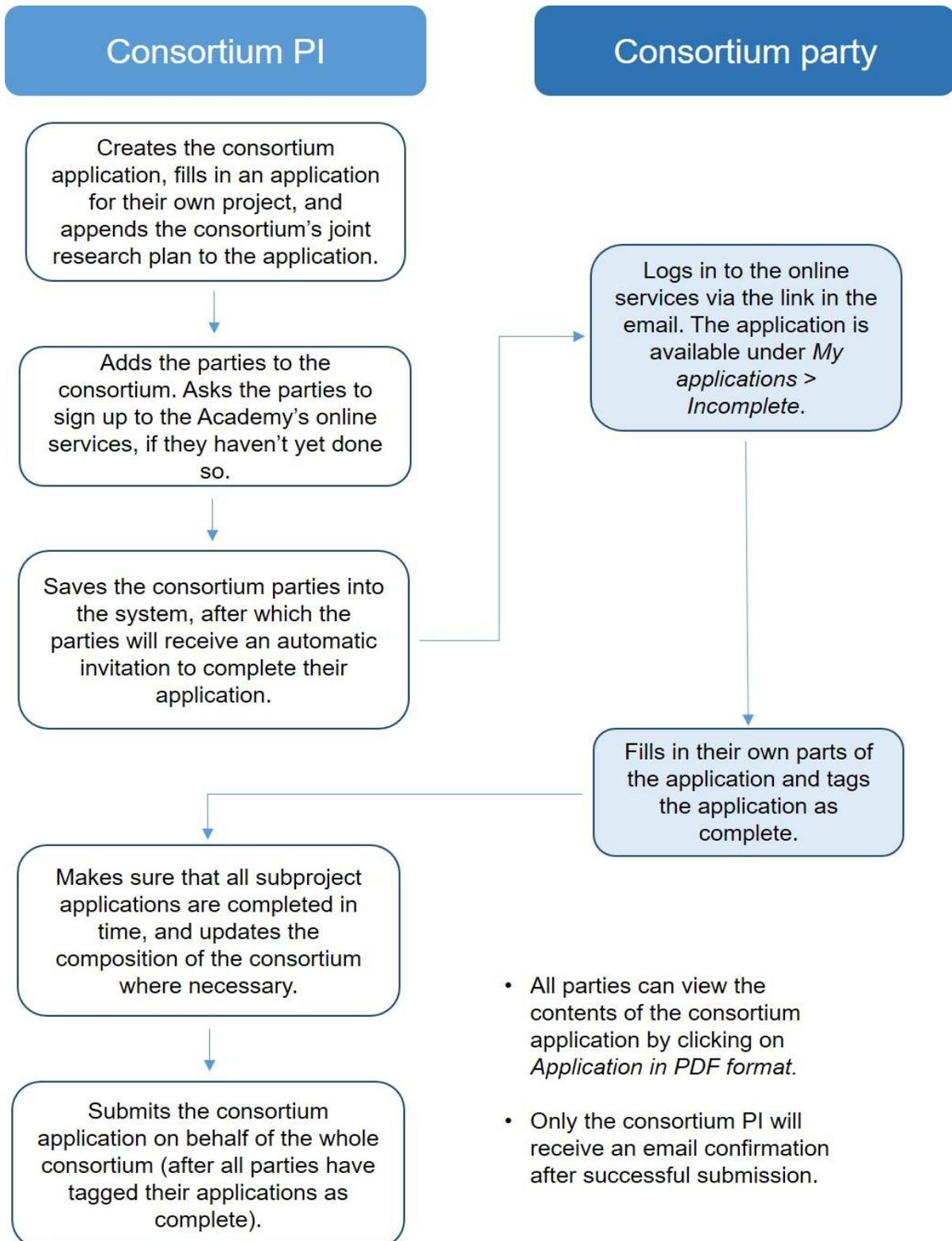
5. Data sharing and long-term preservation

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

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



APPENDIX 5: HOW TO SUBMIT A CONSORTIUM APPLICATION (FIRST AND SECOND CALL STAGE)





About this document

This call for applications is based on a document that presents the criteria for research funding decisions by the Academy of Finland and that is annually approved by the Academy Board. The calls that will open in April 2017 come under the latest criteria adopted on 23 February 2017. The document is available [on our website](#) (in Finnish).

The call for applications is prepared by an internal working group responsible for communication on the Academy's funding calls. Director Susan Linko approved the Finnish-language call for applications on behalf of Vice President for Research Riitta Majjala on 7 March 2017.

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

The Academy's next main application round will open in September 2017. The September call text will be posted on our website in July. Applications can be submitted between 1 and 27 September 2017 (TBC).

How to contact us

Postal address	POB 131 FI-00531 Helsinki
Street address	Hakaniemenranta 6
Switchboard	029 533 5000
Fax	029 533 5299
Registrar's Office, phone	029 533 5049
Registrar's Office, office hours	8.00–16.15
Email	kirjaamo@aka.fi
Website	www.aka.fi/en
More information	Contacts listed in this call for applications (firstname.lastname@aka.fi)
Questions and feedback	Questions and feedback on our website