

Call for research proposals for dental research

Region Stockholm and Karolinska Institutet (KI) have the common goal of improving dental care in the Stockholm County through research and development. The steering group KI / Region Stockholm for dental research (SOF) announces funding for clinical dental research.

This call includes funding within the following categories

- Project funding
- Research time for junior researchers

Projects for which the applicant plan to apply for larger external funding from other grantors, such as VR (behandlingsforskning), VINNOVA or Forte can receive extra funding to engage a professional grant writer. If the applicant is interested in this, it should be noted in the application form. The reviewers will then judge if the application has potential to receive such larger funding.

Project funding

Applications are welcome for clinically oriented projects in all areas of dentistry and are intended for research carried out within the region. The projects, which should target needs in dental care, require collaboration between the Department of Dental Medicine (DentMed), KI and other dental care providers within Stockholm County. The projects should be of a larger nature and address comprehensive issues where care needs to be developed such as orofacial disease (pathogenesis, prevention, prognosis, diagnostics, effects of rehabilitation), linking orofacial health and general health, epidemiology, geriatric dentistry, treatment research (based on SBU's and the National guidelines for Adult Dental Care's knowledge gaps) and health economics. Projects that collaborate with strong research environments are given priority, as are projects that involve doctoral students or postdocs.

The main applicant must have at least a doctoral degree and be principal investigator (PI) for a project group that includes researchers from both Dentmed and other dental care providers in Stockholm County. Co-applicant(s) are the person or persons who, together with the PI, are responsible for the planning and implementation of the project. All co-applicants must contribute scientifically and give their approval to be included in the application. The project group and the roles of the various co-applicants must be clearly described.

Funding can be applied for, for a period of up to three years. The allocation period for approved funding is each calendar year for which funding has been approved. Approved funding will be available as of January 1st for the indicated year and must be used within the year.

The grant covers project-related costs, such as salaries, travel (including stays at research facilities), publishing costs, small equipment.

2.5 million SEK is available per year and the maximum possible amount to apply for and to receive is 500 000 SEK per year.

Research time for junior researchers

This is a call targeting junior researchers **during 2022 and 2023**. A junior researcher is defined as a person that has defended his/her PhD thesis within the last 10 years, i.e. after January 1st 2012 and before December 31 2021. The applicant may apply for funding before the PhD defence, but funding will only be allocated if the successful defence occurs no later than December 31, 2021. Time for sick leave, parental leave, postgraduate training (ST) etc. may be deducted. The project should be

clinically oriented as described for project funding above. Funding can be supported for maximum two years.

1.7 million SEK is available per year and the maximum possible amount to receive is 300 000 SEK per year.

For more information, please contact Professor Mats Trulsson, Karolinska Institutet.

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Application rules

The application should be written in English since the review panel is international.

The application should be done in the online application system [Researchweb](#).

The application period starts April 1st, 2021 and the complete application must have been submitted no later than May 31, 2021 at 24:00. Applications received later than this will not be considered. The decision to allocate funding will be made during September 2021.

Incomplete applications will not be considered. Complementary information submitted after the final submission date will not be considered.

You may only register one application for project funding as PI and may only have one ongoing SOF-funded project. But you may be a co-applicant for several applications for project funding. However, applicants for research time for junior researchers may also apply for project funding from SOF.

It is important to fulfil the conditions for the applied funding. You must also follow the instructions. Failure to do so may be taken into consideration when assessing your application.

Applications to the Ethics Committee must be approved before granted funding can be disbursed.

Instructions

Register the application

- Register your application at [Researchweb](#).
- If you don't already have an account you need to start by registering one:
 - Click at "Logga in" at top right had corner. Select "New user" and follow further instructions.
 - Complete your CV
 - Tips: Change language to "English" (on top panel)
- Click on "Ansök här" to create a new application, then choose Application form SOF project 2022-2024.
- Choose between **project funding**, **research time for junior researcher** or **project funding and research time**
- Fill out the form. The form in the system contains tabs and fields where you register the requested details to create your application. You are the main applicant (project leader).
- Use FAQ, which can be found under "help and service" in the left-hand menu, follow the instructions step by step.

Basic information

- **Date for PhD defence** (only for junior researchers): Enter the date, month and year for your PhD defence or planned date.
- **Project title:** Must provide adequate information as to the nature of the project even for a non-specialist.
- **Applicant's affiliation and address:** Enter details of the division/unit/clinic or equivalent where the project will be conducted. Include postal address
- **Requested for project grant (Requested amount for research time):** Maximum possible amount to apply for is 500 000 SEK per year for project funding and 300 000 SEK per year for research time.
- **Ethical vetting:** Indicate if ethical vetting is approved or planned. Provide registration number if approved.
- **Supervisor's approval** (only for junior researchers): Verify/indicate that the relevant heads of department/clinical directors (or equivalent) have approved the allocation of research time for the project.

Research program (max 26 500 characters in total)

- **Project summary** (max 2500 characters): The scientific summary of the research program should give a brief outline of the purpose of the research and its implementation. Please write the summary so that people from other research fields can also understand it.
- **Purpose and aim:** Present the overall aim for the project and the hypotheses to be tested.
- **Background:** Describe your own and your co-applicants' research and previous findings in the field.
- **Project description:** Present the design of the project, choice of method, the data to be used, how this data is to be collected and the principles and methods that will be used to process and analyse it. Specify a general timetable for the project.
- **Significance:** Describe the significance of the anticipated results for the patients and the society as well as the clinical relevance. How will knowledge generated within the project be implemented in the health service? How applicable are the findings and how will your scientific findings be transferred into clinical practice? Does the design of the project allow conclusions to be drawn that are applicable to a broader patient population than the one studied as part of the project? Can the findings be applied to clinically demarcated areas/diseases?
- **Preliminary results:** Present your own trials, any preliminary work and preliminary findings in the field. Your application should clearly indicate whether the project is based on previously completed projects and provide a description of how they are connected.
- **References.** Give key references relevant to the research project/application.

Collaboration with other caregivers

- Describe the research group and the planned collaboration between the Department of Dental Medicine and other caregivers within Stockholm County. Describe the role/function of each person in the project (name, occupation, workplace and position/job). In what way is the participants' scientific competence explored?

Budget, resources, research environment/infrastructure

- **Budget:** The total budget for the project and the part that is applied for from SOF including INDI (15%). Specify and motivate the budget. Report the distribution of the funds between the main applicant and co-applicants.
- **Resources:** Provide information on other funding sources for the project during the last five years.

- **Research environment/infrastructure:** Provide a brief description of the research environment/infrastructure where the project is to be carried out.

CV for main applicant/project leader

Short CV with the following information:

- Educations and academic titles
 - University degree, University, year
 - Specialist competence, year, field
 - PhD degree, year, university, title of dissertation, supervisor
 - Postdoc- and research appointments, year and posting
 - Associate professor (docent), year, university, subject
- Current employment, duration of commission, percentage of research in position, any combined posts
- Supervisor assignments, ongoing and concluded
- Time deducted from research
- Other information relevant the application
- Publications. Total number of peer-reviewed original articles 2016-2020, Review articles/book chapters 2016-2020.

This information will be retrieved from your CV. If you have your CV in Swedish, it can be edited into English here. Note that this will also change your CV in the system.

Co-applicants' and their CVs and scientific qualifications

- Click on "Edit coworker" and then on "Add coworker"
- Search for coworkers by their email address. Or add coworkers already in your list. When added they will receive an invitation to accept participation.
- The co-applicants must have a personal account within the system to be able to be listed as co-applicant. If they have not, ask them to open one.
- When the coworker has accepted the invitation he/she should provide brief information on his/her qualifications in the CV (same details as for the PI). This can also be done by you as main applicant.
- List the five most important and relevant original research papers/articles 2016-2020 (peer-reviewed).

The review process

Disqualification rules, in accordance with Karolinska Institutet's [Guidelines for Conflicts of interest](#) will be applied when applications are being processed and prioritised in order to guarantee objective and impartial assessment.

The application is evaluated by external reviewers. The group is led by a chairman who compile the results and rank the applicants. The SOF steering group makes the decision about funding. The review group can call in further reviewers if they believe that they have insufficient competence to review an application.

The external reviewers evaluate the project's 1) originality, 2) methodology, 3) significance, 4) the competence of the applicants, and 5) research environment according to a scale 1-7, and 6) feasibility according to a scale 1-3. Finally, the overall quality of the project is scored 1-7. The reviewers are requested to evaluate the whole project group's competence and not only the main applicant's merit when evaluating the application.

The mean score for each reviewer for the items 1-6 is calculated as a total score. The score is multiplied with a factor 1.x where x is the score for the overall quality. After this the median score of all reviewers is calculated as total score for the applicant. An extra point is finally added for junior applicants (up to 10 years after dissertation). The median score of the reviewers is used as their scores often deviate.

Finally, the applicants are ranked according to the total score.

Time plan 2021

Application period starts	April 1
Last day to apply	May 31
Preview of applications	June 7
External review	June 15 to August 15
Compilation of reviews	August 31
Decision by SOF steering group	September

Technical assistance

Technical assistance is given until 16.00 May 31

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