



UMEÅ UNIVERSITY

Call for *Strategic research grants 2022* funded by the Faculty of Medicine (for the years 2023-2025) B2 FORTE/FORMAS criteria

The Faculty of Medicine announces up to ten* (10) 3-year research grants of 800 000 SEK/year including funds for overhead (indirekta gemensamma kostnader). The call is open for all research areas within the Faculty of Medicine and aims to strengthen the competitiveness of researchers to attract external grants received in competition. The grant may be used for salaries (doctoral students, postdocs or other employees), infrastructures or for covering running costs.

The target group for the call is teaching staff with competitive research projects that are yet to be financed by regional grants (financial means) from the university/ALF/TUA or Norra sjukvårdsregionen (Region Västerbotten/ Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten) and that is *not* one of the faculty's top researchers concerning ongoing, large external grants (as defined in this call).

General information

The long-term goal is to annually announce up to ten* 3-year grants of 800 000 SEK/year (that is, thirty ongoing grants, three years in length.) The distribution of the grants with respect to different research areas will be evaluated annually. Future evaluations will show whether the grants have resulted in an increased competitiveness in attracting external grants received in competition.

The application should be written in English (since the reviewers may be English speaking); must be signed by the applicant and the head of department. The head of department will certify that the application has undergone an internal peer review process at the department and will also describe the internal peer review process.

The applicant will select whether the application should be reviewed by Review panel 1, which will review the application using the criteria of the Swedish Research Council (VR) for scientific quality, or by Review panel 2, which will review the application using the criteria for scientific quality, and societal relevance as used by FORTE/FORMAS. Only one application per applicant can be submitted; consequently, the applicant has to choose whether the application should be reviewed by Review panel 1 or 2. *The applicant is fully responsible for sending the application to the correct review panel: **B1**, FS 2.1.6-279-22 (B1), or **B2**, FS 2.1.6-280-22 (B2).*

Also, the applicant has to tag the application with the relevant SCB-codes, as to form a basis for the composition of the respective review panels.

For applicants who meet the eligibility criteria for both *Strategic research grants 2022* and *Strategic research grants for young researchers 2022*, it is possible to apply for a research grant from both of these calls. However, only one research grant can be obtained - if both review panels suggest that an applicant should receive a research grant, he or she is given the possibility to choose from which call the research grant will be allocated.

*Refers to the total number of three-year grants from *Strategisk forskningsresurs* (B1 and B2)



UMEÅ UNIVERSITY

Eligible to apply

The call is open for teaching staff, holding a PhD, that are at least 50% tenured** during the entire period 2023-01-01 to 2025-12-31 and that *has not*;

- A) *Obtained* financial support of 500 000 SEK or more from the faculty/UmU and/or *granted* financial support (including ALF/TUA) from Norra sjukvårdsregionen (Region Västerbotten/Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten) during 2021 (excluding travel grants, funding for infrastructure, funding for interdisciplinary and innovative research, and basenhets-ALF)
or:
- B) *Granted* corresponding support (as A) during 2022, as of April 30th, 2022 (excluding travel grants, funding for infrastructure, funding for interdisciplinary and innovative research, and basenhets-ALF)

Please note that A *or* B is sufficient to exclude eligibility. Example of support can be funding from the faculty/UmU or Region Västerbotten/Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten, this includes all co-funding and support for salaries, resources and/or indirect support, for example support for KAW Fellows/Projects/Scholars and WCMM fellows. Other examples of financial support are co-funding of doctoral students, start-up grants, funding linked to promotion or recruitment, basic science biotechnology grants (bioteknikmedel) and the following grants from Region Västerbotten/Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten: Centrala ALF-medel, TUA-medel, spjutspetsmedel and funding granted for research when employed as professor. This does not include funding for infrastructure.

For those who have been allocated a three-year strategic research grant, there must be a lapse of one (1) year after the three years of funding before a new application can be submitted – i.e. those who received strategic research grants during 2020-2022 cannot apply for funding from this call.

- C) The applicant must *not* belong to the faculty's top researchers – a top researcher is in this call defined as a teacher who obtains a total annual revenue for research (including external funding as well as local grants according to A above) equivalent to 4 MSEK or more during the previous year, excluding travel grants or funding for infrastructure (refers to funds that have been advertised for this very purpose).
Revenue is defined as the amount that has been both requisitioned and paid out to the applicant's account at the department/section. If the said funding/grants are shared, the applicant need only to account for the sum that has been requisitioned and paid out to him/her.
- D) The applicant must include an attestation regarding ongoing research funding from a governmental funding body (VR, FORTE, FORMAS, VINNOVA), or regarding a filed application for such funding (as main applicant); this is required to be eligible to apply for a strategic research grant.

For questions on eligibility to apply, the administrator of the department may contact research coordinator Anna Lundberg, anna.lundberg@umu.se.

** Researchers with a Ph.D. and a permanent employment at the Faculty of Medicine on a teacher/researcher position according to the *Appointments Procedure for Teachers at Umeå University*, valid as of 2021-07-01 (FS 1.1-1134-21), including persons with permanent positions as assistant professors (biträdande universitetslektorer) or research fellows (forskare).



UMEÅ UNIVERSITY

Review panel and grant decisions

The applications will be evaluated by Review panel 1 or 2 respectively; the review panels will be appointed by the Strategic Board for Research (FON). The chairperson and the vice chairperson of each review panel will be recruited internally and should have experience from review panels at national research councils. The panel members will mainly be recruited among external researchers with experience from work in review panels in national and international research councils. The goal is to appoint panel members who have the required competence to assess applications from all research areas at the faculty. If the review panel finds that it needs to be supplemented by members in order to evaluate all applications, then the panel will be complemented accordingly. For each review panel, one member from the Strategic Board for Research (FON) and/or one member from the Faculty Board (FN) will be appointed as observers.

Review panel 2 will evaluate the applications according to a combination of the assessment criteria as used by *Forte/Formas* and include:

- The scientific quality of the project (1-7)
- The research competence of the project leader and research group (1-7)
- Social relevance¹ (1-7)
- Feasibility (1-3)
- Societal benefit and plan for communication of research results (1-3)
- An overall assessment, reflecting the scientific quality and societal benefit of the application (1-7)

Scoring according to these criteria aims at facilitating the assessment of single components of the application. There will also be an overall assessment regarding the scientific quality of the application. Based on the assessment, all members of the review panel will rank the reviewed applications. The individual rankings of each reviewer will be combined to give a preliminary ranking for further discussion at the review panel meeting. When two or more applications are assessed as equal, based on their total score, the score for scientific quality and societal relevance will be ranked most important. The chair of the review panel will present the final ranking at a meeting with the Strategic Board for Research (FON), which will put forward a suggestion for the Faculty Board (FN); FN will make the final decision. The number of research grants granted in each group (B1 and B2) is dependent on the number of applications in each group.

¹ Relevance in relation to societal needs for an increased knowledge in: public and individual health; efforts to promote good health and prevent ill health; rehabilitation and nursing and healthcare processes and systems.



UMEÅ UNIVERSITY

The application must include the following attachments and be sent in via the Faculty's application portal Researchweb (see further instructions in the application portal)

Appendix A CV

Make sure your CV is updated in your profile in Researchweb.

Appendix B Publications

Your publication list will be automatically uploaded to your application from your profile.

- 1. Total number of publications of the last 8 years: These publications will be uploaded from DiVA, include number of citations for the publication and the Impact Factor for the journal during the year of the intended publication for those publications of most importance for the application.**
 - **Peer-reviewed original articles**
 - **Peer-reviewed conference contributions** the results of which are not included in other publications.
 - **Peer-reviewed edited volumes**
 - **Research review articles**
 - **Peer-reviewed books and book chapters**
 - **Other publications including popular science books/presentations**

Note! Please sort the publications under each heading in reverse chronological order so that the latest publication is at the top of the list. Please include only articles or corresponding that have been published or accepted for publication at the time of applying. The order of authors in the publication list must be identical to that of the published work. Also note that the publication list cannot exceed five pages.

- 2. Selection of publications:** Select (at the most) the ten most important publications to the application. You should state, for each of the ten most important publications, your contributions to the publication and in which context the publication contributes to the intended project. (This must not exceed four lines per publication.)
Mark your name in the list of authors in bold. Include number of citations for the publication, and the Impact Factor for the journal during the year of the intended publication. (Attach as an appendix in Researchweb).

Appendix C Received revenue (erhållna intäkter) (attach as appendices in Researchweb)

Please note that this section is described and is to be reported in Swedish.

The department's economy administrator may assist you in assembling the requested information.

Erhållna intäkter år 2021 (för lokalt stöd från fakulteten/UmU/Region Västerbotten/Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten inkl. ALF/TUA även beviljade medel år 2022 per den 30 april 2022) redovisas enligt anvisningar i Bilaga C:

1. Utbetalda lokala stöd från fakulteten eller UmU till den sökande. Kommentera särskilt vad som är resemedel/medel för infrastrukturer
2. Beviljade medel från Region Västerbotten/Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten år 2021 avseende centrala ALF-medel, TUA-



UMEÅ UNIVERSITY

medel, spjutspetsmedel och medel för forskning vid anställning som professor.
Kommentera särskilt vad som är resemedel/medel för infrastrukturer

3. Samtliga bidragsintäkter (bukod 320) samt försäljningsintäkter (bukod 340) på vh 22 exklusive finansiär Region Västerbotten/Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten. Kommentera särskilt vad som är resemedel/medel för infrastrukturer
4. Medfinansiering av UGEM och FGEM på vh 21 och vh 22
5. Medfinansiering av UGEM och FGEM på vh 23 avseende finansiär Region Västerbotten

För frågor som rör bilaga C kan berörd institutions ekonomiadministratör kontakta controller Carina Wallmark, carina.wallmark@umu.se.



Anvisningar Bilaga C Erhållna intäkter

(Anvisningarna för bilaga C består av bilder i form av urklipp ur ekonomisystemet Raindance för att underlätta ekonomiadministratörens rapportering av forskarens erhållna medel)

1) I förekommande fall utskrift ur *Raindance/Beslutsstöd/Uppföljning/Frågor & Analys/Utfall* över utbetalda **lokala stöd** från fakulteten eller Umu till den sökande **år 2021** samt eventuella beviljade lokala stöd **år 2022 per den 30 april 2022**, exempelvis finansiering eller medfinansiering av anställningar, stöd till KAW Fellows/Projects/Scholars och WCMM fellows. Andra exempel på stöd är samfinansierade doktorandanställningar, startbidrag/resurs i samband med befordran, rekryteringspaket, flyktfara, bioteknikmedel: Rapport *V2OP Projekt inklusive passiva* anpassas och tas ut för aktuell period och den sökande enligt bild nedan och exporteras till Excel.

V2OP Utfall Projekt inkl passiva



Urval Delsummer 1 Nollrader Sidor Alla projekt inkl passiva visas

Org enh 3xxx; Medicinska fakulteten Status ●

PROJ * Aktiv/Passiv * VH 21 SP * Bukod KTO * Aktiv * M * Huv * MF * FIN * PL Sökande

| PROJ | VH | Bukod | Ant | Aktiv | M | Huv | Utfall 2018 Tkr | Utfall Ack Tkr | Budget 2019 Tkr | Prognos Tkr | Prog % | Text |
|-----------------|--------------------------|------------------------|-----|-------|---|-----|--------------------|-------------------|--------------------|----------------|-----------|------|
| 300000210 | Tidsbegr satsning FO | 21 310 Anslag | | | I | | -3 410 | -499 | -3 347 | -3 347 | 15 | |
| | | 21 520 Driftskostnader | | | E | | 0 | -264 | 0 | 0 | 0 | |
| Summa 300000210 | | | | | | | -3 410 | -764 | -3 347 | -3 347 | 23 | |
| 300000211 | Infrastruktursatsning FO | 21 310 Anslag | | | I | | -8 200 | -1 250 | -10 600 | -10 600 | 12 | |
| Summa 300000211 | | | | | | | -8 200 | -1 250 | -10 600 | -10 600 | 12 | |
| | | | | | | | -11 610 | -2 014 | -13 947 | -13 947 | 14 | |



2) I förekommande fall uppgifter om **beviljade medel från Region Västerbotten/Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten år 2021** samt eventuella beviljade medel år 2022 per den 30 april 2022 avseende centrala ALF-medel, TUA-medel, spjutspetsmedel och medel för forskning vid anställning som professor. **OBS!** att uppgifterna även ska inkludera sådana ALF-/TUA-medel som rekviderats till UmU, då dessa exkluderas i redovisningen av bidragsintäkter under punkt 3.

3) Utskrift ur *Raindance/Beslutsstöd/Uppföljning/Frågor & Analys/Utfall* med den sökandes samtliga **erhållna bidragsintäkter** (bukod 320) och **försäljningsintäkter** (bukod 340) på vh 22 *exklusive projekt med finansiär Region Västerbotten (22100) år 2021*. Rapport *V20P Projekt inklusive passiva* anpassas och tas ut för aktuell period och den sökande enligt bild nedan och exporteras till Excel. Ange vilka projekt som eventuellt avser resemedel eller medel för forskningsinfrastruktur. **Eventuella ALF-/TUA-medel som har beviljats av Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten enligt punkt 2 och som har rekviderats till Umu måste exkluderas manuellt från Excel-filen.**

V20P Utfall Projekt inkl passiva

Urval
 Delsummer 1 Nollrader Sidor Alla projekt inkl passiva visas

Org enh Medicinska fakulteten Status ●

PROJ * SP * Bukod KTO * Aktiv * M * Huv * MF *

| PROJ | VH | Bukod | Ant | Aktiv | M | Huv | Utfall 2018 Tkr | Utfall Ack Tkr | Budget 2019 Tkr | Prognos Tkr | Prog % | Text |
|--------------------------------------|----|------------------------|-----|-------|---|--------------|-----------------|----------------|-----------------|-------------|-----------|------|
| 300000409 Kempe I | 22 | 320 Bidrag | | | E | | 0 | -54 | 0 | -10 | 544 | |
| | 22 | 340 Försäljningsintäkt | | | I | | 0 | 94 | 0 | 94 | 100 | |
| Summa 300000409 | | | | | | | 0 | 40 | 0 | 84 | 47 | |
| 300000419 Hjärt o lungf Scapis | 22 | 320 Bidrag | | | E | | 981 | 0 | 0 | 0 | 0 | |
| Summa 300000419 | | | | | | 981 | 0 | 0 | 0 | 0 | 0 | |
| 300000420 UU/KAWScapis | 22 | 320 Bidrag | | | E | | 1 906 | 1 414 | 3 525 | 1 737 | 81 | |
| Summa 300000420 | | | | | | 1 906 | 1 414 | 3 525 | 1 737 | 81 | | |
| 300000421 N E Holmstens forskn stift | 22 | 320 Bidrag | | | E | | 0 | 225 | 0 | 0 | 0 | |
| Summa 300000421 | | | | | | 0 | 225 | 0 | 0 | 0 | 0 | |
| 300000611 VLL LP4U | 22 | 320 Bidrag | | | E | | 0 | 0 | 1 500 | 1 500 | 0 | |
| Summa 300000611 | | | | | | 0 | 0 | 1 500 | 1 500 | 0 | | |
| 300000612 Övr landsting LP4U | 22 | 320 Bidrag | | | E | | 1 500 | 4 500 | 4 500 | 4 500 | 100 | |
| Summa 300000612 | | | | | | 1 500 | 4 500 | 4 500 | 4 500 | 100 | | |
| | | | | | | 4 387 | 6 179 | 9 525 | 7 821 | 79 | | |



UMEÅ UNIVERSITY

4) I förekommande fall utskrift ur *Raindance/Beslutsstöd/Uppföljning/Frågor & Analys/Bas och medfinansiering* med **utbetalad medfinansiering från fakulteten av UGEM och FGEM** inom vh 21 och vh 22 **år 2021**. Rapport *V73 Utfall bas medfinansiering* anpassas och tas ut för den sökande enligt bild nedan och exporteras till Excel. Anslag för medfinansiering beräknas därefter enligt utfall bas för samtliga medfinansierade projekt på vh 21 och 22 och en schabloniserad OH enligt genomsnittlig budgeterad UGEM och FGEM inom FO för Medicinska fakulteten 2021 (17,3%). Schabloniserad OH tillämpas för att eliminera effekten av skillnader i budgeterade OH-nivåer mellan olika institutioner. Projekt märkta "ÖVR" avser lokala beslut om medfinansiering och inkluderas därför inte i underlaget.

V73 Utfall bas medfinansiering



Urval Delsummor 1 Nollrader Sidor

Org enh 3xxx-3xxx VG * PROJ * VH 21,22 BAS JA Bukod 400-690 KTO * MOTP 10000-8999! FIN * MF JA,D* PL Sökande

| VG | PROJ | FIN | MF | PL | Utfall 2017 kr | Utfall 2018 kr | Ack Utfall kr 2019-06 |
|----------------------------------|--------------------|-------------------------------|----|----------------------------|----------------|----------------|-----------------------|
| 2 Forskn o fo utb m stödfunktion | 300000404 Kempe I | 15100 Stift förvaltade av UmU | JA | MAHU0002 Marianne Hultmark | 0 | 0 | 0 |
| | 300000405 Kempe II | 15100 Stift förvaltade av UmU | JA | MAHU0002 Marianne Hultmark | 0 | 0 | 0 |
| Summa 2 | | | | | 0 | 0 | 0 |



UMEÅ UNIVERSITY

5) I förekommande fall utskrift ur *Raindance/Beslutsstöd/Uppföljning/Frågor & Analys/Bas och medfinansiering* med **utbetald medfinansiering från fakulteten av UGEM och FGEM** inom vh 23 år 2021 avseende projekt med finansiär Region Västerbotten (22100). Rapport *V73 Utfall bas medfinansiering* anpassas och tas ut för den sökande enligt bild nedan och exporteras till Excel. Anslag för medfinansiering beräknas därefter enligt utfall bas för samtliga projekt på vh 23 med finansiär RV och en schabloniserad OH enligt genomsnittlig budgeterad UGEM och FGEM inom FO för Medicinska fakulteten 2021 (17,3%). Schabloniserad OH tillämpas för att eliminera effekten av skillnader i budgeterade OH-nivåer mellan olika institutioner.

V73 Utfall bas medfinansiering



Urval Delsummer 1 Nollrader Sidor

Org enl VG * PROJ * BAS JA Bukod 400-690 KTO * MOTP 10000-8999! MF JA,D*,ÖVR

| VG | PROJ | FIN | MF | Utfall | Utfall | Ack Utfall kr |
|----------------------------------|-------------------------------|-------------------------------|----|---------|---------|---------------|
| | | | | 2017 kr | 2018 kr | 2019-06 |
| 2 Forskn o fo utb m stödfunktion | 30000602 NUS kliniska arvoden | 22100 VLL Region Västerbotten | JA | 0 | 0 | 0 |
| Summa 2 | | | | 0 | 0 | 0 |
| | | | | 0 | 0 | 0 |



UMEÅ UNIVERSITY

Appendix D Budget and financial resources

- List briefly personnel costs, other costs and any other funding of the project for Year 1 – Year 3.
- Justify briefly each cost in the budget stated. The description may cover a maximum of 4 000 characters including blank spaces.
- Other funding. Please state any funding for the project (whole or part) received by you or another researcher, in excess of the amount in this application. Please state rounded amounts in SEK.

Appendix E Abstract

The description may cover a maximum of 1 500 characters, including blank spaces, single spaced.

- The abstract must provide a summary guide to the purpose and implementation of the research and be written in such a way that persons with a different scientific background can understand the information.

Appendix F Popular science description

The description may cover a maximum of 4 500 characters, including blank spaces, single spaced.

- Describe the project in such a way that a person who is not familiar with the subject can understand it. Describe what is to be done and why, and explain why the new knowledge may be important.

Appendix G Research plan for applications to Review panel 2 – to be reviewed according to criteria of the Swedish Research Council for Health, Working Life and Welfare (FORTE)/FORMAS

The Research plan (Project description and Relevance) in its entirety must encompass no more than 10 pages, (font Arial 11, or larger, single spaced, 2.5 cm margins) and structured according to that of a research plan in a FORTE/FORMAS application, i.e;

Project description

- **Project title**
- **SCB code:** State three SCB codes that describe the research in the application.
<https://www.scb.se/contentassets/10054f2ef27c437884e8cde0d38b9cc4/standard-for-svensk-indelning--av-forskningsamnen-2011-uppdaterad-aug-2016.pdf>
- **Purpose, research questions, theories, background and the originality of the project:** Describe the project's purpose, specific research questions, background and originality. Write a brief literature review and analysis of the theoretical starting points and describe the project's added value in relation to previous research in the area. If the project is based on a previously completed or still ongoing project, describe how the projects relate to each other and summarise the results of the previous research.
- **Study design, methods for data collection and analysis:** Describe the study design, which data will be used, how the data collection will be undertaken and the principles and methods for data processing and analysis. When applicable, include a brief description of current and possible novel need for basic equipment necessary for the completion of the project.



UMEÅ UNIVERSITY

- **Interdisciplinary and/or multidisciplinary approach:** Describe the disciplines involved in the project and the way in which the project is inter- or multidisciplinary.
- **Gender and diversity perspective in the content of the research:** Describe in what way theoretically based gender and diversity perspective is important for the research project. This applies in addition to a description of the variables included in the research project, such as gender, ethnicity and disability. Disability, ethnicity, socioeconomic status, age and sexual orientation are aspects that are included in the diversity concept.
- **Work plan:** Clearly describe what is going to be done and how the work will be organised. The work plan should also contain information about the staffing of the project, including details of the persons' project tasks. Cooperation with other researchers outside of the project group is described here. The work plan should be written so that the reviewers can appraise the feasibility of the project.
- **Ethics:** Comment on the project's ethical considerations. Comment if the project lacks ethical problems, needs ethical considerations, will be submitted to the Swedish Ethical Review Authority (Etikprövningsmyndigheten) or has already received ethical approval. Comment on why the project needs or does not need ethical review. If no ethical issues are raised, please justify this.

Relevance

- **Relevance in relation to societal needs:** Comment on the relevance of the project in relation to the societal needs of increased knowledge in: public and individual health; efforts to promote good health and prevent ill health; rehabilitation and nursing and healthcare processes and systems. Explain how the research questions relate to societal needs.
- **Collaboration and user participation in the research process:** Comment on the project's planned collaboration with representatives for relevant organisations, authorities, users or other actors. This concerns cooperation with actors primarily outside the scientific community. Describe which actors you will engage, in which phases of the research process and in what forms. Justify the relevance of the collaboration and describe expected effects.
- **Utilisation and communication of research results:** Outline the plans for utilisation of the project's research results. Discuss possible target groups and describe the actors that are to be contacted and involved, methods that are to be used and the expected outcomes. This may relate to policy, practice and working methods etc.

Appendix H Attestation regarding funding/filed application to a governmental funding body (statligt forskningsråd)

Attach a copy as proof of an obtained research grant from a governmental funding body (VR, FORTE, FORMAS, VINNOVA) or a confirmation of the submitted application (as main applicant).

Appendix I Certificate from the head of department

Attach a document from the head of department certifying that the application is supported and *in what way* it has undergone internal peer review at the department.



UMEÅ UNIVERSITY

The application must be submitted via the Faculty's application portal in Researchweb, www.researchweb.org/is/umu **no later than 31st of May, 2022, at 2 pm (kl. 14.00).**

Please note that applications that are not submitted via Researchweb or are incomplete are *not* valid and will therefore not be assessed.

This document has been translated into English. In case of divergence of meaning between the English and Swedish wording of this document, the Swedish wording shall prevail.