



NANOLUND

A GREAT PLACE TO DO NANOSCIENCE

December 9, 2019

Junior Scientist Ideas Award. Funding for seedling projects by students and postdocs.

Do you have a research idea that you would like to try out?

Do you know what might be the next big thing?

All masters students, PhD students and postdocs within NanoLund are invited to propose a project and obtain seed funds to try out a new research idea:

- **Eligibility:** The proposer (masters student, PhD student, postdoc) must currently be in a NanoLund research group. This is a requirement also for master students who must be currently performing their project in a NanoLund group.
- **Amount:** Up to 100 000 kronor per seed project.
- **Award:** The chosen projects will also receive a “Junior Scientist Ideas Award” certificate at the NanoLund annual meeting.
- **Use of funds:** Funds may be used for whatever is needed to make the idea happen: for example equipment, consumables, travel, or salary. (Any minor or major equipment purchased will become a University property).
- **Scope:** The project can be in any area of nanoscience. Directions that are complementary to existing research directions in NanoLund are explicitly encouraged.
- **Initiative:** The project must be the idea of, or be initiated by, the proposer (not by the advisor).
- **Permission:** A senior researcher (typically the current advisor / group leader) must have agreed to the project (including to make time available to work on the project). It is highly advisable to discuss the project and the use of funds with the group leader.
- **Selection criteria:** Originality (is this a new idea?), feasibility (can the project be carried out in the time available?), potential impact (what new opportunities can this lead to?).
- **Number of awards:** We expect to fund up to four such ideas.
- **Project duration.** The project can start and end at any time during 2020.
- A final written or oral presentation of the project will be a condition of the award.
- **Deadline:** Midnight, January 21, 2020
- **Submission:** Maximum two pages pdf by email to anneli.lofgren@ftf.lth.se
- **Selection process:** The proposals will be presented to the coordinator group and evaluated by a group of experienced senior researchers as well as students (the group will be selected after proposals have been submitted to avoid conflict of interest). The final selection will then be proposed by the NanoLund Management group
- . The funding decision will be by the Board. All proposers will receive feedback on their proposals to help in future applications.
- **Proposal format: Please see next page**



Proposal format

Project descriptions are limited to **no more than two A4 pages** in pdf format including figures and references, containing the following information (note the **word limit**):

1. Title
2. Main proposer, affiliation (division/group), email, phone
3. Name, division and email of the senior scientist (typically the advisor) who has agreed to host the project as described, if successful. **It is highly advisable to obtain feedback on the proposal by the senior scientist.**
4. **Project description (no more than 600 words total) with the following information:**
 - Background and motivation
 - Specific question addressed/specific goal
 - **How is this a conceptually new project**, and not a continuation of already initiated research?
 - Why is this question/goal important for NanoLund? If successful, what might this lead to in the medium term?
 - How is this going to be realized?
 - Which **specific** outcomes will be obtained during the funding period? What will be the final result that is **achievable with the project funds applied for**?
 - Who else needs to contribute to the project?
5. Budget, using the following table (note that salary LKP and indirect costs (overhead) to the university mean that you need to apply for more money than the direct cost of the project).
6. Intended project start and end (can be any time).

| Budget | Brief description of intended use of funds | Direct cost (kr) (purchase cost of equipment, actual salary) | Total cost (kr) |
|------------------|--|---|-----------------------------|
| Minor equipment* | | | Multiply direct cost by 1.5 |
| Consumables | | | Multiply direct cost by 1.5 |
| Salary | | | Multiply salary by 2.25 |
| Other | | | |
| | | | Total |

* Different overhead rules apply to expensive equipment. Please contact Anneli Löfgren if you consider applying for equipment for more than about 50 000 kronor.

Frequently encountered shortcomings:

- The project appeared to be a continuation of already ongoing research, or the proposal did not make clear in how far the project was novel to NanoLund.



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- It was not clear how a successful project may lead to new capabilities or new research directions at NanoLund.
- The budget was incomplete. It is highly advisable to obtain feedback on your budget from an experienced scientist. It must be clear exactly how you plan to spend your money, and how this will facilitate the project. It must also be clear where numbers come from and how they are calculated (e.g. monthly salary, percent of time, number of months).
- The proposal had unrealistically ambitious goals, or it was not clear what is expected to be achieved within the proposed budget.
- The proposal had overall low quality. We expect complete proposals that give a professional impression.