



SNI Call for PhD Project Proposals in Nanoscience

Image: G. Abulizi

The Swiss Nanoscience Institute (SNI) launches its eleventh call for PhD projects. A successful project becomes part of the **SNI PhD program in nanoscience** initiated in 2012. The selected PhD candidates become junior members of the SNI and benefit from the SNI network, personal support, a strongly interdisciplinary social environment, exclusive soft skill trainings and many internal SNI events. **Doctoral students must enroll at the University of Basel** on the next possible date and for the entire duration of their studies. A list of currently supported projects and more information can be found at phd.nanoscience.ch.

Funding: The funding covers the salary for one PhD student plus operating expenses for a maximum of four years (basis: SNF salaries). A lump sum of 60'000 CHF per year for a theoretical project and 65'000 CHF per year for an experimental project will be granted.

Scope: The proposed research should address a novel undertaking in nanoscience and nanotechnology with roots in disciplines such as physics, chemistry, biology, medicine, or engineering.

Proposers: The proposers necessarily are **principle investigators** at one of the academic institutions in Northwestern Switzerland (University of Basel, PSI, CSEM Muttenz, FHNW Muttenz, FHNW Windisch, or D-BSSE of ETHZ Basel). Each project requires two proposers constituting the PhD committee: the main proposer ("Doktorvater") and the co-proposer. At least one of the proposers must be a professor in "Gruppierung I" at the University of Basel and member of the Faculty of Science ("faculty responsible"). Both proposers must be employed permanently for least 50% by one of the above institutions. If successful, both proposers become senior members of the SNI.

Project evaluation: The proposals will be evaluated by several reviewers based on 1) the scientific quality, 2) the relevance for nanoscience or nanotechnology, with a preference for interdisciplinary projects, and 3) the proposed collaborations in the SNI network, e.g. partners with a different expertise at different SNI institutions.

Selection of PhD candidates: For all granted projects the SNI will launch a worldwide search for candidates. The decision is taken by the proposers.

Submission

Please submit your proposal as a single pdf file by **May 31, 2022** to Claudia.Wirth@unibas.ch

On the first page, please start with the project title and names of the two PIs, including affiliations and email addresses, and indicate the faculty responsible. The proposal of a maximum length of **two A4 pages** can be formatted individually. Also required is a **CV of one page per PI**, which should be merged with the proposal into a single pdf file (max. four A4 pages). Use the name of the main proposer as the file name.

Timeline

May 31, 2022	Deadline for project proposal
June – July	Review process
Late August	Information about acceptance
Sept. – Dec.	Search for PhD candidates
Jan. 1, 2023	Earliest project start

More Information

Web	phd.nanoscience.ch
Contact	Andreas.Baumgartner@unibas.ch