

7 new positions in the SNI Nanoscience PhD program

Please apply online at www.phd.nanoscience.ch

the latest by 31 December 2020 - the decision to fill the vacancy can be taken any time from now

The [Swiss Nanoscience Institute \(SNI\)](#) at the University of Basel invites highly motivated young scientists to apply for a fully funded position in the SNI PhD program. The successful candidates will join an attractive research program together with the ~30 currently supported scientists. The available positions cover a wide variety of topics, including [cutting edge quantum physics and chemistry, material science, nanotechnology, biochemistry, cell biology and nano-medicine](#).

The SNI is funded by the Canton Aargau and the University of Basel to perform and promote cutting edge research in nanoscience and nanotechnology, based on the attractive SNI Bachelor, Masters and PhD programs, as well as in applied science projects with industry partners.

Open positions:

- [Imaging cardiovascular macro- and microstructure using HfO₂ nanocrystals as X-ray tomography contrast agents](#)
- A death-dealing bacterial nanomachine
- [Local manipulation of spin domains in a multiferroic Rashba semiconductor](#)
- Transmembrane protein-mediated loading of synthetic compartments
- [RESTRAIN – Reticular chemistry at interfaces as a form of nanotechnology](#)
- Development of nanoscale acoustic tweezers for mechanobiology application
- [Scanning nanowire quantum dot](#)

