



Scholarships in the Field of Radiation Protection / Radioecology

The Siebold Sasse Foundation awards up to three PhD scholarships in the field of radioecology / radiation protection. Furthermore, financing of research stays of several months at the Institute of Radioecology and Radiation Protection of the Leibniz University Hannover is possible. This call addresses students of physics or chemistry who have obtained a Master's degree at a German university with above-average grades or who can provide evidence of an equally excellent and equivalent international degree. Previous experience in the field of radiation protection, radioecology or radiochemistry is desirable.

Interested candidates may propose a topic of their own, inspired by the work of the [IRS](#)⁴, e.g.

- Highly sensitive detection of radionuclides in environmental media, especially in contaminated areas after accidents or mining activities
- Radioecological studies of natural and anthropogenic radioactivity in the environment (worldwide)
- Development of mass spectrometric methods for the detection of radionuclides in ultra trace concentrations
- Investigations on "hot particles"
- Chemical speciation of radionuclides in soil, solutions and uptake in plants
- Biosphere modeling of radionuclide dispersion (especially groundwater pathway)
- Socio-technical aspects of radioactive waste disposal
- Practical radiation protection
- Development of modern methods and instruments for training in radiochemistry and radiation protection

Examples of already completed work can be found on the [website of the foundation](#)⁵ as well as [here](#)⁶. According to the statutes of the foundation, the work is to be carried out at the Institute of Radioecology and Radiation Protection under the supervision of Prof. Dr. Clemens Walther. The exact arrangement will be made in consultation between the successful scholarship holder and the supervisor. The scholarships are linked to a (tax-free) allowance to secure living expenses, the amount of which depends on the previous income and family situation of the scholarship holder, currently approx. 1900€ per month. The maximum funding period is 36 months.

Please send your questions and requests for application documents by e-mail to info@sasse-stiftung.de. Applications are to be directed to the same address by e-mail until 28.02.2023.

The Siebold Sasse Foundation is a non-profit institution established in 2010 to support final thesis of young scientists in the field of radiation protection and radioecology at Leibniz Universität Hannover (IRS).

Board of the Sasse Foundation

Prof. Dr. Volker Epping

Philipp Wehrenberg

Prof. Dr. Clemens Walther (Managing director)

Contact: info@sasse-stiftung.de

⁴ <https://www.irs.uni-hannover.de/de/forschung>

⁵ <http://www.sasse-stiftung.de/>

⁶ <https://www.irs.uni-hannover.de/de/forschung/publikationen>