

# LiU hereby advertises a Postdoctoral Scholarship in

## Research environment

A postdoctoral fellowship is available in the auditory neuroscience group at Linköping University. The group, which is led by [Professor Anders Fridberger](#), studies normal sensory transduction in the hearing organ as well as the mechanisms underlying various forms of hearing loss.

The auditory neuroscience group offers an excellent research environment with a broad range of projects spanning from the molecular biology of hearing and deafness to clinical studies. Recent publications from the group are found in PNAS and Nature Communications, among others. The group has extensive international collaborations and is supported by the Swedish Research Council and the US National Institutes of Health.

## Research project

Current projects involve the mechanisms underlying age-related hearing loss, a condition that affects about 40% of all senior citizens, and the role of calcium in hearing organ function. We use unique imaging techniques as well as electrophysiology to visualize the sound-evoked motions of the hearing organ and how these vibrations change under various pathophysiological conditions.

## Qualifications and requirements

Scholarships can only be awarded to foreign citizens with a doctoral degree or equivalent obtained in a country other than Sweden. The date of the doctoral degree must be no more than four years before the application deadline, exceptions are made for e.g. parental or sick leave. The applicant must not have been employed by Linköping University previously.

Scholarship may not consist solely of research collaboration with a mutual exchange of methodological and technical expertise but must also contain a well-defined training element and a qualification plan must be established for the scholarship period.

The applicant must have or be about to receive a doctoral degree in a subject relevant to the research project. A background in hearing research and familiarity with animal research work is desirable, but we will consider candidates with a Ph.D. in other fields as well, including physiology, neuroscience, experimental biophysics, neurophysiology or bioengineering. Programming experience is a merit, since Matlab is our default tool for data analysis.

## Starting date

Ideally in September - October 2025

## Appointment and Conditions

Appointment is initially for one year with a possibility of an extension up to a total time for receiving a scholarship from Linköping University which cannot exceed two years.

The scholarship amounts to SEK 28,500:-/month (tax-free) (~€ 2,650/month). Funding can be available to participate in conferences.

Essential information about healthcare, insurances etc. can be found [here](#).

Questions are welcome to [lisa.dobrosch@liu.se](mailto:lisa.dobrosch@liu.se)

## Application procedure

The following documents (in pdf-format) must be submitted when applying for a scholarship

1. Cover letter, max 1 page, describing your background, research interests and what makes you interested in the fellowship.
2. Qualification plan, max 1 page, describing clearly what qualifications you want to obtain during the scholarship period.
3. CV, max 4 pages, including contact details to three reference persons.
4. Full publication list.
5. Copy of passport, PhD diploma, and MSc transcripts with grades.

The application should be sent electronically to [lisa.dobrosch@liu.se](mailto:lisa.dobrosch@liu.se). Mark the email with Dnr. BKV-2025-00347 on subject line.

## Applications deadline

May 18, 2025.