

# CV Jonathan Sundström

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## Education

- 2025 **DEGREE OF MASTER OF MEDICAL SCIENCE**, *University of Gothenburg*  
with a major in Medical radiation science with specialization in radiation protection
- 2017-2022 **MASTER'S PROGRAMME IN MEDICAL PHYSICS**, *University of Gothenburg*  
Licensed medical physicist since 2022 by the National Board of Health and Welfare in Sweden.  
Master thesis with a focus on dosimetry in the event of large scale nuclear power plant fallout.
- 2009-2012 **THE TECHNOLOGY PROGRAMME**, *Sven Eriksonsgymnasiet (High School)*

## Work experience

- 2023- 2028 **PHD STUDENT**, *University of Gothenburg, Gothenburg*  
Title: Naturally occurring radioactive material - occurrence, exposure pathways, and new age- and sex-specific risk assessments.  
Supervisor: Prof. Mats Isaksson
- 2022-2023 **ASSISTANT RESEARCHER**, *University of Gothenburg, Gothenburg*  
Continued development of the MATLAB program from previous years, incorporating new models from my Master's thesis.  
Radiokinetics and spectroscopy involving sample preparation, chemical separation, and radiometry (alpha and gamma spectroscopy) of baby food.  
• MATLAB, GAMMAVISION, EFFTRAN
- 2021 **ASSISTANT RESEARCHER**, *University of Gothenburg, Gothenburg*  
Continued work on the MATLAB program from previous year, mainly to updated with data from ICRP 144.  
• MATLAB, INCLUDING THE DEVELOPMENT OF A GUI (GRAPHICAL USER INTERFACE).
- 2020 **ASSISTANT RESEARCHER**, *University of Gothenburg, Gothenburg*  
Developed a MATLAB program for calculating collective dose to the nine northernmost counties from the Chernobyl accident. The program could also estimate dose and cancer risk in the event of a theoretical nuclear accident for an individual or an entire population.  
• MATLAB, INCLUDING THE DEVELOPMENT OF GUI (GRAPHICAL USER INTERFACE).

## Trust responsibilities

- 2023- Board Member, Swedish Radiation Research Association for Young Scientists (SWE-RAYS).
- 2023- Board Member, PhD Association in Medical Radiation Sciences, University of Gothenburg.
- 2020-2021 Student Board member in the Education Council,  
Master's Programme in Medical Physics, University of Gothenburg.
- 2020-2021 Student Board member in the Programme Council,  
Master's Programme in Medical Physics, University of Gothenburg.
- 2018-2020 Student Work Environment Representative, Department of Physics, University of Gothenburg.
- 2018-2019 Board member of the Physics Study Group (SG-Fysik),  
Department of Physics, University of Gothenburg.

## Softwares

MATLAB

Microsoft Office

LaTeX

GammaVision

EcoFood

SAAM II

Taurus

EFFTRAN

VGSL

Windows

OSX

Linux

PENELOPE

## Language

Swedish: Native language  
English: B2