

Curriculum Vitae



Name: Kerstin M Lagerstrand
Date of birth: 6th of Sep, 1970
Work address: MRI-department, Bruna Stråket 13, Sahlgrenska University Hospital, S-415 45 Gothenburg, Sweden
Home address: Önnereds byväg 19, S-421 57 Västra Frölunda, Sweden
Phone: +46 700 824436
Email: kerstin.lagerstrand@vgregion.se

Higher qualification

2019: Universitetssjukhusöversjukhusfysiker

2018: Associate Professor in Radiation Physics, Gothenburg University, Sweden

2017: Chief Medical Physicist, The Sahlgrenska University Hospital, Gothenburg, Sweden

2012: Specialist in Medical Physics, Sweden

2005: Philosophies doctor, PhD, Gothenburg University, Sweden

2000: License as Medical Physicist, authorized by the Swedish National Board of Health and Welfare

1999: Master of Science in Radiation Physics, Gothenburg University, Sweden

Current position

Chief Medical Physicist 50%, The Dept. of Medical Physics and Biomedical Engineering, Sahlgrenska University Hospital, Gothenburg, Sweden

Since the 1st of October 2019, associated researcher 50% at the Sahlgrenska Academy, Gothenburg University, Sweden

Scientific merits

2005: PhD-degree in Radiation Physics with major in magnetic resonance physics, Gothenburg University, Sweden. Supervisor: Prof. Eva Forssell-Aronsson. <http://hdl.handle.net/2077/16542>

Head-supervision of PhD-students

- Frida Johansson, MSc, planned disputation 2024
- Christian Waldenberg, MSc, planned disputation 2022
- Frida Truedsson, MSc, planned disputation 2026
- Jonathan Arvidsson, MSc, planed disputation 2022

Co-supervision of PhD students

- Caroline Berntsson, MD, planned disputation 2027
- John Huskins, MD, planned disputation 2028
- Kristina Törngren, MD, planned disputation 2025
- Leif Torén, MD, planned disputation 2023
- Jens Johansson, MSc, planned disputation 2022
- Yvonne Simrén, MD, PhD 2020
- Christian Polte, MD, PhD 2015
- Daniel Alamidi, MSc, PhD 2015

Supervision of MSc-projects and scientific ST-projects

2000-2018: 11 MSc-projects, Gothenburg University, Sweden

2015-2018: 5 scientific ST-projects, Gothenburg University, Sweden

2018: 2 MSc-projects at Chalmers University of Technology and Linköping University of Technology, Sweden

Opponent and board assignments

2 PhD dissertations, Lund University and Uppsala University, Sweden

1 Licentiate dissertation, Lund University, Sweden

1 PhD half time control, Lund University, Sweden

5 Examination board assignments at PhD-dissertations, Lund University and Linköping University, Sweden

15 final MSc-seminars, Lund University and Gothenburg University, Sweden

1 Peer review of an Assistant Professor application, Lund University, Sweden

Member of the Heart Clinical Science board for Philips Healthcare since 2015

Member of the Swedish Society for Radiation Physics board since 2020

Awards

2020: Best master thesis in Radiation Physics, Swedish Society for Radiation Physics, Sweden

2020: Förläning av titeln Universitetssjukhusöversjukhusfysiker, Sahlgrenska Universitetssjukhuset, Sweden

2018: Quality price of the year for the project "Improved diagnosis and treatment follow-up with MR-based markers in patients with spinal pain conditions", Sahlgrenska University Hospital, Sweden

2018: Best research practice, Innovation fond, Västra Götalandsregionen, Sweden

2009: Best presentation award, SMRT 18th Annual meeting, Honolulu, USA

2002: Best poster presentation, Medicinska Riksstämman, Gothenburg, Sweden

Grants

2019-2020: ALF projektmedel "Förbättrad diagnostisering och behandlingsuppföljning med MR-baserade biomarkörer i patienter med smärtsamma ryggstillstånd", 800 000 SEK

2018-2021: ALF projektmedel för yngre forskare "Förbättrad diagnostisering och behandlingsuppföljning med MR-baserade biomarkörer i patienter med smärtsamma ryggstillstånd", 900 000 SEK

2018-2019: Regionala fondmedel "Samarbetsprojekt för förbättrad diagnostik och behandlingsutvärdering av personer med ländryggsmärta", 284 000 SEK

2017-2018 Innovationsfonden för Västra Götalandsregionen " Utveckling av radiologisk MR diagnostik för smärtsamma ryggstillstånd", 550 000 SEK/year

2017-2018 Innovationsfonden för Västra Götalandsregionen "Avancerad vävnads- och blodflödeskaraktistik med ny och lovande magnetresonansteknik: Implementering av T1-mapping och 4D-Flowtekniken för applikation på barn och vuxna med medfödda hjärtfel", 300 000 SEK/year

2015-2017 Center 4I, Område 4 Sahlgrenska sjukhuset, "Utveckling av radiologisk MR diagnostik för smärtsamma ryggstillstånd" 300 000 SEK/year

Bibliometry

Peer-reviewed publications: 36

Peer-reviewed conference contributions: 50