**Julie Haglund**

*haglundj@aol.com*

*Jössegatan 3b; SE-652 30 Karlstad*

*mobil: +46 (0)707969324*

▪ **Arbete:**

2020.03.17 – nuvarande: vikarierande Sjukhusfysiker, Strålbehandlingsenheten, Centralsjukhuset; Karlstad, Sverige

2018.12.01 – 2019.06.25: Sjukhusfysiker, TSF extern strålbehandling, Sahlgrenska Universitetssjukhus; Göteborg, Sverige

2016.10.03 – 2016.10.06: Kalibreringstekniker hos RaySafe på uppdrag av AcademicWork;

Billdal, Sverige

2013.07.01 – 2015.08.31: Medisinsk fysiker, nukleärmedicinsk avdelning; Sykehuset Østfold HF;

Fredrikstad, Norge

2012.03.01 – 2013.06.30: Strålevernkoordinator Sykehuset Østfold HF; Fredrikstad, Norge

**▪ Utbildning:**

2011-11-17: Sjukhusfysiker Legitimatio; Socialstyrelsen; Licensed medical physicist as

registered by the Swedish National Board of Health and Welfare

2011-07-05 – 2011-08-11: Clinical Training Period in Medical Physics, Competence center for diagnostic physics; University Hospital of North Norway, Tromsø, Norway

Topics: PCXMC beräkningar, årliga statuskontroll på röntgen och CT utrustningar

2011-09-19: Sjukhusfysikerexamen; Master of Science in Medical Physics; Göteborgs

Universitet; Göteborg, Sweden

2010-09-01: Clinical Training Period in Medical Radiation Physics; Department of Radiation Physics, Sahlgrenska Universitetssjukhus; Göteborg, Sweden

2007-08-31: Project and Clinical Training Period in Medical Radiation Physics; Department of Radiation Physics; Norrlands Universitetssjukhus; Umeå, Sweden

2006-03-31: MSc. Diploma Thesis in Technical Physics: “The Development of a Program for the Parametric Processing of Positron Emission Tomography Images;” Lennart Johansson, supervisor; Department of Radiation Physics; Umeå Universitet; Umeå, Sweden

2002-09-11: MSc. Diploma Thesis in Physics: “Boltzmann Dynamics in a Random Magnetic Field;” Jørgen Rammer, supervisor; Department of Theoretical Physics; Umeå Universitet; Umeå, Sverige

2000-08-01: Bachelor’s Degree, Physics Major; College of Liberal Arts and Sciences, Arizona State University; Tempe, Arizona; USA

**▪ Kurser och Presentationer:**

2020-01-23 – 2020-01-25: European Federation of Medical Physics School for Medical Physics

Experts, "Innovation in Technology in Nuclear Medicine;” Prague, Czech Republic

2019-09-16 – 2019-09-20: **Lecturer and participant**: IFMP-HYBRID Workshop on Hybrid/Multimodality Medical Imaging; Plovdiv, Bulgaria

Presentation topic: “*PET Instrumentation and Innovation*”

2019-07-18: Radionuclide Calibrator e-Learning Course (8CPD); National Physical Laboratory, Hampton Road, Teddington, Middlesex, TW11 0LW

2016.08.25 - 2016.08.26: **Poster participant**: SWE-RAYS Workshop; Stockholm, Sverige

Poster topic: “*Need for revising patient dose protocols in PET medical imaging based on technology improvements*”

2016-02-23: **Lecturer and participant**: The International Association for the Exchange of Students for Technical Experience Sverige inspirationsmöte på Chalmers Tekniska Högskola, Göteborg, Sverige

Presentation topic: “*Sjukhusfysiker praktik på UNN i Tromsø”*

2016-01-28 – 2016-01-30: European Federation of Medical Physics School for Medical Physics

Experts, "Computed Tomography Imaging: Dosimetry, Optimization, and Advanced Clinical

Applications;” Prague, Czech Republic

2015-11-10 – 2015-11-13: **Lecturer and participant**: Nationellt Möte om Sjukhusfysik; Falkenberg Strandbad, Sverige

Presentation topic: “*Preparing a SPECT/CT department for clinical implementation of PET/CT at Norway’s newest hospital”*

2015-09-07 – 2015-09-08: **Lecturer and participant**: PET Developments and PET in Hospital

Workshop; organized by the Institute for Medical Physics; Ohrid, Makedonia

Presentation topics: “*PET in Norway, an example,*” “*Shielding for PET/CT,*” “*Intro to CT*”

2015-08-26 – 2015-08-28: **Poster participant**: SWE-RAYS Workshop; Göteborg, Sverige

Poster topic: “*Preparing for clinical drift of PET/CT, a Norwegian example*”

2015-03-03 – 2015-03-06: CPD-kurs “The Physics of Medical Imaging, A course in Nuclear

Medicine;” the Royal Marsden NHS Foundation Trust and Institute of Cancer Research; Sutton,

Surrey, UK

2014-10-01 – 2014-10-03: CPD-kurs “Experimental Design and Practical Data Analysis in PET;”

King’s College, London

2014-07-09 – 2014-07-12: European Federation of Medical Physics School for Medical Physics

Experts, "Advanced Kinetic Modeling and Parametric Methods, Advanced SPECT and PET

Applications in Cardiology, Neurology, and Oncology;” Prague, Czech Republic

2014-06-02 – 2014-06-03: CPD-kurs “CT Principles, Technology, and Practice in PET/CT and

SPECT/CT;” King’s College, London

2014-05-19 – 2014-05-24: **Assistant lecturer and participant**: Sarajevo School of High Energy and Medical Physics; Department of Physics, Faculty of Science, University of Sarajevo; Bosnia and Herzegovina

Topic: MIRDOSE/OLINDA dose calculation computer exercises

2013-11-25 – 2013-11-30: European School of Medical Physics, European Scientific Institute,

Radiation protection in medical physics; Archamps, Frankrike

Resebidrag från NKS-B Young Scientist Travel Assistance

2013-11-13: **Lecturer and participant**: Nationellt Möte om Sjukhusfysik; Varbergs Kurort, Sverige

Presentation topic: “*Developing a Radiation Safety Culture in a Hospital Environment”*

Resebidrag från NKS-B Young Scientist Travel Assistance

2013-10-28 – 2013-11-02: European School of Medical Physics, European Scientific Institute,

Medical Imaging, Nuclear medicine and Magnetic Resonance; Archamps, Frankrike

2013-09-17 – 2013-09-19; 2013-10-08 – 2013-10-10: CPD-kurs Detektorer och

mätmetoder inom strålskydd och beredskap; Göteborg och Barsebäck, Sverige

Resebidrag från NKS-B Young Scientist Travel Assistance

2013-07-04 – 2013-07-06: European Federation of Medical Physics School for Medical Physics

Experts, "Clinical Medical Device Management: Specification, Acceptance testing,

Commissioning, QC and Advanced applications in Whole-body PET/CT;” Prague, Czech

Republic

2013-04-08 – 2013-04-10: PET Basics course; Turku PET Center, Turku University Hospital;

Turku/Åbo, Finland

2013-02-23 – 2013-02-27: **Lecturer and participant**: Winter Institute of Medical Physics, Colorado, USA

Presentation topic: “*Developing a Radiation Safety Culture in a Hospital Environment”*

2012-11-22 – 2012-11-27: European School of Medical Physics, European Scientific Institute,

Radiation protection in medical physics; Archamps, Frankrike

2012-11-14 – 2012-11-15: CPD-kurs Strålevern-digital bildebehandling from Norsk

Radiografforbund; Oslo, Norge

2012-01-30 – 2012-02.01: CPD-kurs Applied patient dosimetry in diagnostic radiology from

NACP; Göteborg, Sverige

2012-11-12 – 2012-11-13: **Lecturer and participant**: Møtearena for Diagnostisk Fysikk og

Strålevernkoordinatorer; Gardermoen, Norge

Presentation topic: ”*Persondosimetri i forhold til operasjonsavdeling*”

2011-10-17 – 2011-10-19 : CPD-kurs Strålskydd vid katastrofmedicinska insatser; Linköping,

Sverige

2011-05-03 – 2011-05-05 : CPD-kurs Krisberedskap och strålskydd i radiologiska och nukleära

nödsituationer; Halmstad, Sverige

2011-04-06 – 2011-04-08 : Participant in Science 3D: Naturvetenskaplig problemlösning

i tre dimensioner; Göteborgs Universitet, Göteborg, Sweden

2010-02-06 – 2010-02-10: **Lecturer and participant**: Winter Institute of Medical Physics,

Colorado, USA

Presentation topic: “*Imaging Practices in Clinical Oncology”*

2009-11-17 – 2009-11-20: The Second MADEIRA Training Course: Radiation Protection in

Nuclear Medicine, Universitetssjukhuset MAS, Malmö, Sweden

2009-03-17 – 2009-03-18: Protondosplanering Kurs, Proton Dose Planning Course from the

Svensk Förening för Radiofysik, Universitetshuset, Uppsala, Sweden

2009-02-07 – 2009-02-11: **Lecturer and participant**: Winter Institute of Medical Physics,

Colorado, USA

Presentation topic: “*Parametric Images for Dynamic PET Investigations”*

2005-06-06 - 2005-06-10: Advanced Course in Dosimetry from the Cancer Academy North at

Norrlands Universitetssjukhus for the Department of Radiation Physics, Umeå, Sweden

**▪ Publikationer:**

Antic V. and Haglund J., “Need for Revising Patient Dose Protocols in PET Medical Imaging

Based on Novel Technology Improvements,” Conference Proceedings, Fourth International

Conference on Radiation and Applications in Various Fields of Research; Nis, Serbia, May 2016

Antic V. and Haglund J., “Need for Revising Patient Dose Protocols in PET Medical Imaging

Based on Novel Technology Improvements,” Radiation and Applications; RAD Association

Journal; 2016

Antic V. and Haglund J., “Connections Between Noise Equivalent Count Rate and Image Noise

in PET Medical Imaging,” Conference Proceedings, Fourth International Conference on

Radiation and Applications in Various Fields of Research; Nis, Serbia, May 2016

Haglund J., “Preparing for Clinical Drift of PET/CT, an Example from Norway,” Conference

Proceedings, Fourth International Conference on Radiation and Applications in Various Fields of

Research; Nis, Serbia, May 2016

Haglund J., “Developing a Culture of Radiation Protection in the Hospital Environment,”

Conference Proceedings, Fourth International Conference on Radiation and Applications in

Various Fields of Research; Nis, Serbia, May 2016

2009-02-05: Unpublished Article, “*Creating Parametric Images via the Processing of Dynamic PET Studies in MatLab,”* an application of the MSc Diploma Thesis performed in the Department of Radiation Physics (2006-03-31)

**▪ Contributing author:**

2016.06.17 - 2016.06.20: Joint Poster Presentation: Balkan Congress of Nuclear Medicine;

Thessaloniki, Greece; Antic V., Ciraj-Bjelac O., and Haglund J., “*Towards Optimization of Protection in PE T/CT Imaging: Role of Technology in Patient Dose Management*”

2016.05.23 - 2016.05.27: Joint Oral Presentation: Fourth International Conference on Radiation

and Applications in Various Fields of Research; Nis, Serbia; Antic V. and Haglund J., “*Need for*

*Revising Patient Dose Protocols in PET Medical Imaging Based on Novel Technology Improvements*”

2016.05.23 - 2016.05.27: Joint Poster Presentation: Fourth International Conference on

Radiation and Applications in Various Fields of Research; Nis, Serbia; Antic V. and Haglund J.,

“*Connections Between Noise Equivalent Count Rate and Image Noise in PET Medical Imaging*”

**▪ Konferenser:**

2014-10-18 – 2014-10-22: Annual Congress of the European Association of Nuclear Medicine;

Göteborg, Sverige

Resebidrag från NKS-B Young Scientist Travel Assistance.

2014-05-25 – 2014-05-27: The XIII Turku PET Symposium; Turku, Finland

Resebidrag från Letterstedtska föreningen

2013-10-19 – 2013-10-23: Annual Congress of the European Association of Nuclear Medicine;

Lyon, France

2013-04-03 – 2013-04-04: CBRN-konferansen 2013, ”Samfunnssikkerhet og kommunikasjon i

CBRN-kriser;” Sessvollmoen, Norge

2009-11-25: The First Radiofysikdag / Radiation Physics Day of the Svensk Förening För

Radiofysik / Swedish Society of Radiaiton Physics, Karolinska Sjukhuset, Solna, Sweden

2009-06-08 – 2009-06-09: Spring Meeting in Radiation Research from the Svensk Förening för

Radiobiologi, Rudbecklaboratioret, Uppsala, Sweden

2009-05-08 – 2009-05-09: Medical Physics Workshop: “Where is Portugal in the Medical Physics

World,” Universidade de Aveiro, Aveiro, Portugal

▪ **Övrigt arbete:**

2016.07.11 - nuvarande: Group Tränings Instruktör, spinning/cykel, Nordic Wellness; Göteborg och Karlstad, Sverige

2012-2013: Group Tränings Instruktör, spinning och styrke, Elixia Kråkerøy; Fredrikstad, Norge

Winter 2010: Volunteer research for International Cancer Advocacy Network;

Creation of a referenced information list describing the principle imaging modalities that are currently used for specific types of cancers; ICAN: http://www.askican.org/

Summer 1997: Hope College, Holland, Michigan, U.S.A.

National Science Foundation Research Experience for Undergraduates Summer

Internship program in Nuclear Physics, “ Probing Nuclear Temperatures via Charged

Particle Emission; ” Paul A. DeYoung and Graham F. Peaslee, supervisors

http://www.hope.edu/academic/physics/REU/1997/students/haglund.html

1996: Grand Canyon University, Phoenix, Arizona, U.S.A.

Evaluation of student assignments for the Department of Physics; Paul E. Harper,

Supervisor

**▪ Professional Development:**

2012.10.18: Helse Sør-Øst workshop ”Å lede er å kommunisere,” Sykehuset Østfold,

Fredrikstad, Norge

2012.06.11 – 2012.07.12: Helse Sør-Øst e-læring “Project Portfolio Management: Grunnkurs i

Gevinstrealisering;” Sykehuset Østfold, Fredrikstad, Norge

2012.06.19: Philips Healthcare Virtual Training “Tissue Harmonic Imaging”

2012.06.13: Siemens e-Learning “Aristos FX Plus” (2 Category A credits)

2012.06.11: Siemens e-Learning “Ysio and Fluorospot Compact”

2012.06.04: Siemens e-Learning “AXIOM Luminos dRF” (2 Category A credits)

2012.06.04: Siemens e-Learning “Dose Management” (0,5 Category A credits)

2012.05.29: Philips Healthcare Virtual Training “Ultrasound Physics: The Basics”

**▪ Kunskaper:**

Microsoft Word, Excel, PowerPoint, Outlook

MatLab programming

Swedish/English/Norwegian communication, written and oral

**▪ Intressen:**

2020.04-2020-05: SAFE Grundläggande Teori och Cykel Endurance Instructor Education; Stockholm; Sverige

2019.12.28: American Council on Exercise “Integrated Fitness Training Model for Exercise Program Design” online course

2019.08.24 – 2019.08.25: LesMills Tone Instructor Eduation and Certification; Göteborg, Sverige

2019.07.13 – 2019.07.14: LesMills Sprint Advanced Instructor Eduation; Göteborg, Sverige

2018.12.14: Strong First Kettlebell Re-Certification Nivå 1; Göteborg, Sverige

2017.02.10: Strong First Kettlebell Certification Nivå 1; Göteborg, Sverige

2016.09-16 - 2016.09.18: NordicWellness Cykel Instructor Education; Göteborg, Sverige

2016.06-18 - 2016.06.19: LesMills Sprint Initial Instructor Education and Certification; Göteborg, Sverige

2016.04.22 - 2016.04.23: RKC Russian Kettlebell Certification Nivå 1; Göteborg, Sverige

2015.01.31 - 2015.02.01: LesMills BodyPump Instructor Education; Oslo, Norge

2014.11.01-02: AFPT Vektløfting/Olympiske Løft kurs; Oslo, Norge

2014.09.13-14 & 2014.10.11-12: Elixia Education GrunnTeori Utbildning; Oslo; Norge

2014.08.17: Spinning Advanced Instructor Course, AerobicWeekends Sweden; Mölndal, Sverige

2014.06.27-29: Strong First Kettlebell instructor course, part 1 (attendance); Göteborg, Sverige

2014.04.27: Elixia Styrke og Core Education; Oslo, Norge

2014.02.22-23: ViPR Group Instructor Training course; Göteborg, Sverige

2014.01.24-26: Strong First Barbell instructor course (attendance); Göteborg, Sverige

2014.01.11-12: AFPT Kettlebell Instruktør Nivå 1 (certification); Moss, Norge

2013.11.02-03: Elixia/NGKF Kettlebells utbildning; Oslo, Norge

2013.10.11: Elixia instruktörs fortbildning ”Basic Instructor Skills;” Oslo, Norge

2013.10.02: Elixia instruktörs fortbildning “Keep You Going;” Fredrikstad, Norge

2013.09.28: Spinning UpDate Instructor Education, AerobicWeeeknds Sweden; Mölndal, Sverige

2013.08.18: Elixia instruktörs fortbildning “cuing og kommunikasjon”

2013.06.14: SAFE Förberedande Gruppträningsutbildning; Göteborg, Sverige

2013.05.04: Elixia instruktörs fortbildning ”Styrke og Core Education;” Oslo, Norge

2013.01.19-20: LesMills RPM Instructor Education (attendace); Göteborg, Sverige

2012.12.15-17: LesMills BodyPump Instructor Education (attendace); Oslo, Norge

2012.11.3-4: Group Training Basic Instructor Education, AerobicWeekends Sweden;

Mölndal, Sverige

2012.10.20-21: Functional Training Basic Instructor Education, AerobicWeekends Sweden;

Mölndal, Sverige

2012.08.24-25: Schwinn Bronze Level Spinning instructor utbildning; Nol/Göteborg, Sverige

2012.08.06: Aerobics and Fitness Association of America course “Group Exercise Essentials:

Knowledge, Skills, and Abilities” (18 AFAA Self Study Units)