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Johan Larsson

CV

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Contents

1	Education	1
2	Work experience	3
2.1	Present	3
2.2	Past	3
2.3	Reviewer	4
2.4	Miscellaneous	4
3	Publications	4
3.1	Theses	5
3.2	Conference papers	5
3.3	Scientific communication	6
4	Software packages	6
5	Software and programming knowledge	6

1 Education

2018 **Linux som utvecklingsmiljö**, 7.5 ECTS, Umeå University
 Statistiska metoder med R, 7.5 ECTS, Karolinska Institute

- 2017** **Statistics: Bayesian methods**, 7.5 ECTS, Lund University
Statistics: Probability and inference theory, 7.5 ECTS, Lund University
Statistics: Special assignment, 15 ECTS, Lund University
Statistics: Econometrics, 7.5 ECTS, Lund University
Statistics: Time Series Analysis, 7.5 ECTS, Lund University
Statistics: Statistical theory, 7.5 ECTS, Lund University
Statistics: Sampling Techniques, 7.5 ECTS, Lund University
- 2016** **Statistics: Basic Course**, 30 ECTS, Lund University
- 2015 – 2017** **Master's degree in medical science with a major in physical therapy**, Lund University
In my masters thesis I developed a specialized gym for treating patients with persistent neck pain.
- 2014 – 2015** **Summer research course**, 18 ECTS, Faculty of Medicine, Lund University
I worked as a research assistant at a specialized clinic for pain rehabilitation and presented a poster at EFIC in 2015 and IASP in 2016.
- 2013 – 2014** **Summer research scholarship**, 15 ECTS, Faculty of Medicine, Lund University
As a part of a stipend, I undertook a course in basic academic knowledge.
- 2011 – 2014** **Bachelor's degree in Physical Therapy**, Lund University
For my bachelor thesis, me and my co-author traveled to Tokyo to interview physical therapists about their professional role and use of technology.

2 Work experience

2.1 Present

2017 – 2018 Assistant Supervisor, master's thesis, *The Department of Orofacial Pain and Jaw Function, Malmö University*

Supervision of two student at master's level for a project about biofeedback and posture.

2017 – now Physical therapist, *The Department of Orofacial Pain and Jaw Function, Malmö University*

Clinical work and quantitative assessment of sensory function.

2016 – now Teacher Assistant, *The Department of Health Sciences, Lund University*

I teach anatomy, palpation, and examination skills to students at the medical school of Lund University.

2014 – now Physical Therapist, *Vårdcentralen Södra Sandby, Region Skåne*

Clinical work at a primary care center in southern Skåne.

2.2 Past

2015 – 2018 Research assistant, *SMIL*

SensoriMotor Integration Lund (SMIL) is a collaborative effort between Lund University, Skåne University Hospital, Malmö University, and Umeå University, in which we are assessing the utility of a gym-based treatment for patients with persistent neck pain.

2015 Research assistant, *The Department of Pain Rehabilitation, Skåne University Hospital*

Together with supervisors Eva-Maj Malmström and Hans Westergren I studied patients with longstanding whiplash-associated disorders, which has so far resulted in one publication and two posters.

2014 Research assistant, *Department of Clinical Sciences, Lund University*

As part of a research stipend from the Faculty of Medicine at Lund University, I – under supervision of Eva-Ekwall Hansson and Michael Miller – studied the gait of dizzy, elderly patients. This work resulted in two publications.

2014 **Transcriber**, *Department of Health Sciences, Lund University*
For a brief period, I worked as a transcriber for a research project within gerontology.

2.3 Reviewer

- Gait & Posture (ISSN: 0966-6362)
- Journal of Clinical Interventions in Aging (ISSN: 1178-1998)
- Spine (ISSN: 0362-2436)

See publons.com/a/1299032 for additional information.

2.4 Miscellaneous

2017 **Network analyses**, *Stockholm, Sweden, SBU*

2016 **Conducting systematic reviews**, *Malmö, Sweden, HTA-o*

3 Publications

1. Larsson J. Mapping physical therapy research: The geographical affiliations and methodological quality of 2,959 randomized controlled trials. *Physiother Theory Pract.* 2018; Accepted for publication. doi: [10.1080/09593985.2018.1423657](https://doi.org/10.1080/09593985.2018.1423657)
2. Westergren H, Larsson J, Freeman M, Carlsson A, Jöud A, Malmström E-M. Sex-based differences in pain distribution in a cohort of patients with persistent post-traumatic neck pain. *Disabil Rehabil.* 2017 Jan; doi: [10.1080/09638288.2017.1280543](https://doi.org/10.1080/09638288.2017.1280543)

3. Larsson J, Miller M, Ekvall Hansson E. Vestibular asymmetry increases double support time variability in a counter-balanced study on elderly fallers. *Gait & Posture*. 2016 Mar;45:31–4. doi: [10/f8fq3f](https://doi.org/10/f8fq3f)
4. Larsson J, Ekvall Hansson E, Miller M. Increased double support variability in elderly female fallers with vestibular asymmetry. *Gait Posture*. 2015 Mar;41(3):820–4. doi: [10.1016/j.gaitpost.2015.02.019](https://doi.org/10.1016/j.gaitpost.2015.02.019)

3.1 Theses

1. Larsson J. Mapping physical therapy research: The geographical affiliations and methodological quality of 2,959 randomized controlled trials. *Physiother Theory Pract*. 2018; Accepted for publication. doi: [10.1080/09593985.2018.1423657](https://doi.org/10.1080/09593985.2018.1423657)
5. Larsson J. Gym-based exercise therapy for patients with persistent neck pain: A research protocol for a randomized controlled trial [Master's Thesis]. [Lund, Sweden]: Lund university; 2017.
6. Najafi D, Larsson J. The Professional Role and Technology Use Among Physical Therapists in Tokyo: A Qualitative Interview Study [Bachelor Thesis]. [Lund, Sweden]: Lund University; 2014.

3.2 Conference papers

7. Larsson J, Westergren H, Häggman-Henrikson B, Malmström E-M. Gym-based Exercise Therapy for Patients With Persistent Neck Pain. In: *Pain in Europe X: Bringing Pain Relief to All Patients*. Copenhagen, Denmark: EFIC; 2017.
8. Johan Larsson, Hans Westergren, Eva-Maj Malmström. Pain distribution after neck traumas: An analysis of 745 consecutive patients with persistent neck pain. In: *IASP 2016: The World Congress on Pain*. Yokohama, Japan; 2016.
9. Westergren H, Larsson J, Malmström E-M. Pain distribution in 745 consecutive patients with persistent pain after whiplash trauma. In: *EFIC 2015: Translating evidence into practice*. Vienna, Austria; 2015.
10. Johan Larsson, Hans Westergren, Birgitta Häggman-Henrikson, Eva-Maj Malmström. SensoriMotor Integration Lund - the SMIL gym: A supervised exercise program

for patients with persistent neck pain. In: *Svenskt Smärtforum 2016*. Jönköping, Sweden; 2016.

3.3 Scientific communication

11. Larsson J. A letter to the editor regarding “Serratus anterior or pectoralis minor: Which muscle has the upperhand during protraction exercises?” *Manual Therapy*. 2016 Aug;24:e1. doi: [10/gcsk6d](https://doi.org/10/gcsk6d)

4 Software packages

- eulerr** Area-Proportional Euler Diagrams with Ellipses
<https://CRAN.R-project.org/package=eulerr>
- qualpalr** Automatic Generation of Qualitative Color Palettes
<https://CRAN.R-project.org/package=qualpalr>
- komadown** R Markdown templates based on the ‘KOMA-Script’ classes for LaTeX, additionally offering cross-referencing via the ‘bookdown’ package.
<https://CRAN.R-project.org/package=komadown>
- tactile** Extensions to ‘lattice’, providing new high-level functions, methods for existing functions, panel functions, and a theme.
<https://CRAN.R-project.org/package=tactile>

5 Software and programming knowledge

- R
- SPSS
- C++

- Stan
- \LaTeX
- Adobe Indesign
- Adobe Illustrator
- Microsoft Office