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Work-related musculoskeletal disorders

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## Research

Technical measurements of ergonomic exposure

## Employment

**Research engineer**

Division of Occupational and Environmental Medicine, Lund University

Lund University

Lund, Sweden

2015 Sept 21 → present

**Research engineer**

Work-related musculoskeletal disorders

Lund University

Lund, Sweden

2016 Dec 5 → present

## Research output

**Frequency of breaks, amount of muscular rest, and sustained muscle activity related to neck pain in a pooled dataset**

Koch, M., Forsman, M., Enquist, H., Baare Olsen, H., Søgaard, K., Sjøgaard, G., Østensvik, T., Nilsen, P., Andersen, L., Due Jacobsen, M., Brandt, M., Westgaard, R., Mork, P. J., Fan, X., Wærsted, M. & Veiersted, K. B., 2024, In: PLoS ONE. 19, 6, p. 1-22 e0297859.

**Reply to Letter to the Editor, by Mikael Forsman, Xuelong Fan, Ida-Märta Rhen and Carl Mikael Lind**

Arvidsson, I., Dahlqvist, C., Enquist, H. & Nordander, C., 2022 Jan, In: Annals of Work Exposures and Health. 66, 1, p. 132 1 p.

**PEPPA - Exchange Platform for Measurements of Occupational Physical Activity and Physical Workload**

Schiefer, C., Schellewald, V., Heßling, S., Hermanns-Truxius, I., Desbrosses, K., Douwes, M., Draicchio, F., Enquist, H., Forsman, M., Gupta, N., Holtermann, A., Konemann, R., Lechner, N., Loewis, P., Mänttäri, S., Mathiassen, S. E., Pinder, A., Schams, P., Schust, M. & Strebl, M. & 3 others, Veiersted, K. B., Weber, B. & Ellegast, R., 2022, *Proceedings of the 21st Congress of the International Ergonomics Association, IEA 2021: Methods and Approaches*. Black, N. L., Neumann, W. P. & Noy, I. (eds.). Springer Science and Business Media B.V., p. 175-182 8 p. (Lecture Notes in Networks and

Systems; vol. 223 LNNS).

**Action Levels for the Prevention of Work-Related Musculoskeletal Disorders in the Neck and Upper Extremities: A Proposal**

Arvidsson, I., Dahlqvist, C., Enquist, H. & Nordander, C., 2021, In: Annals of Work Exposures and Health. 65, 7, p. 741-747

**The effect of two types of maximal voluntary contraction and two electrode positions in field recordings of forearm extensor muscle activity during hotel room cleaning**

Dahlqvist, C., Enquist, H., Löfqvist, L. & Nordander, C., 2020, In: International Journal of Occupational Safety and Ergonomics. 26, 3, p. 595-602 8 p.

**Hairdressers' shoulder load when blow-drying – Studying the effect of a new blow dryer design on arm inclination angle and muscle pain**

Wærsted, M., Enquist, H. & Veiersted, K. B., 2019, In: International Journal of Industrial Ergonomics. 74, 102839.

**Self-recordings of upper arm elevation during cleaning - Comparison between analyses using a simplified reference posture and a standard reference posture**

Dahlqvist, C., Nordander, C., Forsman, M. & Enquist, H., 2018 Nov 15, In: BMC Musculoskeletal Disorders. 19, 1, 402.

**Biomechanical exposure of industrial workers – Influence of automation process**

Locks, F., Hansson, G. Å., Nogueira, H. C., Enquist, H., Holtermann, A. & Oliveira, A. B., 2018 Sept 1, In: International Journal of Industrial Ergonomics. 67, p. 41-52 12 p.

**Assessments of Physical Workload in Sonography Tasks Using Inclinometry, Goniometry, and Electromyography**

Simonsen, J. G., Dahlqvist, C., Enquist, H., Nordander, C., Axmon, A. & Arvidsson, I., 2018 Sept, In: Safety and Health at Work. 9, 3, p. 326-333

**Bör kunder vända streckkoden rätt i kassan?**

Vencel Jacobsson, M., Dahlqvist, C., Enquist, H. & Arvidsson, I., 2018.

**Har EAN-kodens placering någon betydelse för arbetsbelastningen vid kassaarbete? Rapport nr 2**

Vencel Jacobsson, M., Dahlqvist, C., Enquist, H. & Arvidsson, I., 2018, Arbets- och miljömedicin Syd. 10 p.

**A practical guidance for assessments of sedentary behavior at work: A PERO SH initiative**

Holtermann, A., Schellewald, V., Mathiassen, S. E., Gupta, N., Pinder, A., Punakallio, A., Veiersted, K. B., Weber, B., Takala, E.-P., Draicchio, F., Enquist, H., Desbrosses, K., García Sanz, M. P., Malińska, M., Villar, M., Wichtl, M., Strebl, M., Forsman, M., Lusa, S. & Tokarski, T. & 2 others, Vang Hendriksen, P. & Ellegast, R., 2017 Sept, In: Applied Ergonomics. 63, p. 41-52 12 p.

**Arbetsbelastning vid städning av hotellrum**

Dahlqvist, C., Granqvist, L., Löfqvist, L., Enquist, H., Nordander, C. & Forsman, M., 2017 Mar 27, Arbets- och miljömedicin . 25 p. (Rapportserie: Arbets- och miljömedicin; vol. 2017, no. 4)

**Mätning av arbetsbelastning för höger överarm vid kontorsstädning**

Dahlqvist, C., Enquist, H., Nordander, C. & Forsman, M., 2016 Jun 27, Arbets- och miljömedicin. 8 p. (Rapportserie: Arbets- och miljömedicin; vol. 2016, no. 12)

**Hälsorelaterad miljöövervakning Cancerframkallande ämnen i tätortsluft : Personlig exponering och bakgrundsmätning Malmö 2014**

Stroh, E., Enquist, H. & Riddar, J., 2015, Lund: Lund University. 1 p.

**From Idea to Use: Lessons Learned From a Participatory ICT Healthcare Case Study**

Enquist, H., 2011, *Smart Healthcare Applications and Services: Developments and Practices: Developments and Practices*. Röcker, C. & Ziefle, M. (eds.). Hershey: IGI Global, p. 75-91 17 p.

**The I in Design**

Enquist, H., 2009, 290 p.

**A socio-material ecology of the distributed self**

Enquist, H., 2008, In: Design Philosophy Papers. 2

**Intuition in Design and Emotion – Transforming raw data into conclusions, a meta-analysis of the 2006 Design and Emotion conference papers.**

Enquist, H. & Nordgren, C., 2008, [Host publication title missing]. Desmet, P., Tzvetanova, S., Hekkert, P. & Justice, L. (eds.). Design and Emotion Society, 12 p.

**The Memory Stone: A Personal ICT Device in Health Care**

Enquist, H. & Tollmar, K., 2008, *Proceedings of the 5th Nordic Conference on Human-computer Interaction: Building Bridges*. New York: Association for Computing Machinery (ACM), p. 103-112 10 p.

**Bridging the gap between clinical and patient-provided images**

Enquist, H., 2007, *Visual Literacy*. Elkins, J. (ed.). Routledge, p. 145-163

**Interaction Ecologies**

Enquist, H., Tollmar, K. & Vonge Corry, A., 2007, *Workshop proceedings from the Fifth International Conference on Pervasive Computing*.

**Narcissus's new mirror: Body images and meaning**

Enquist, H., 2007, In: Crossings (Dublin): ): electronic journal of art and technology. 5, 1

**Självbiografiskt skapande**

Enquist, H., 2007

**Design side by side**

Jönsson, B., Anderberg, P., Brattberg, G., Breidegard, B., Eftring, H., Enquist, H., Inde, K., Mandre, E., Nordgren, C., Svensk, A. & Whitelock, I., 2006, Studentlitteratur AB. 204 p.

**Alternative visualizations in medicine**

Enquist, H., 2005, *Experiments in Art and Technology*. Studies in Art and Communication, K3, Vol. 4.

**Bridging the gap between clinical and patient-provided images**

Enquist, H., 2005, *The First Conference in Visual Literacy*. 15 p.

**Människonära design**

Jönsson, B., Anderberg, P., Brattberg, G., Breidegard, B., Eftring, H., Enquist, H., Inde, K., Mandre, E., Nordgren, C., Svensk, A. & Whitelock, I., 2005, Studentlitteratur AB. 196 p.

**Situated research and design for everyday life**

Jönsson, B., Svensk, A., Malmborg, L., Anderberg, P., Brattberg, G., Breidegard, B., Eftring, H., Enquist, H., Flodin, E., Gustafsson, J., Magnusson, C., Mandre, E., Nordgren, C. & Rassmus-Gröhn, K., 2005, *Proceedings of Nordes, Nordic Design Research*. 11 p.

**Upplevelser av ett dubbelt medborgarskap: Metod och praktik. Texter om forskning och utvecklingsarbete inom det konstnärliga området.**

Enquist, H., 2005, *Årsbok 2005 om Konstnärligt FoU*. Vetenskapsrådet

**Emotional images in medicine**

Enquist, H., 2004, *Fourth International Conference on Design and Emotion*.

**Konsten genomskådad? Forskning, Reflektion, Utveckling**

Enquist, H. & Karlsson, H., 2004, Vetenskapsrådet & Stiftelsen Riksbankens Jubileumsfond.

**Mina medicinska bilder**

Enquist, H., 2004, [Publisher information missing]. (Certec; vol. 4)

**Pictures in medicine: Their use in patient centered diagnosis, treatment and feedback**

Enquist, H., 2004, Lund University. (Certec; vol. 4)

**Situated research and design for everyday life**

Jönsson, B., Malmborg, L., Svensk, A., Anderberg, P., Brattberg, G., Breidegard, B., Eftring, H., Enquist, H., Flodin, E., Gustafsson, J., Magnusson, C., Mandre, E., Nordgren, C. & Rasmus-Gröhn, K., 2004, [Publisher information missing]. 70 p. (Certec; vol. 2)

**Diagnosis of bladder carcinoma using protoporphyrin IX fluorescence induced by 5-aminolaevulinic acid**

Koenig, F., McGovern, F. J., Larne, R., Enquist, H., Schomacker, K. T. & Deutsch, T. F., 1999, In: BJU International. 83, 1 , p. 129-135 7 p.

**Autofluorescence guided biopsy for the early diagnosis of bladder carcinoma**

Koenig, F., McGovern, F. J., Enquist, H., Larne, R., Deutsch, T. F. & Schomacker, K. T., 1998 Jun, In: Journal of Urology. 159, 6, p. 1871-1875 5 p.

**Spectroscopic measurement of diffuse reflectance for enhanced detection of bladder carcinoma**

Koenig, F., Larne, R., Enquist, H., McGovern, F. J., Schomacker, K. T., Kollias, N. & Deutsch, T. F., 1998, In: Urology. 51, 2, p. 342-345 4 p.