

Personal history and curriculum vitae

2009-08-30

Name: **Holmér, Lars Ingvar Torbjörn**
Profession: Professor, Ph. D., Docent
Date of birth: 16-06-1944



Head of Thermal Environment Laboratory
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Education and training:

1967 Graduated from National Institute of Sports, GCI, Stockholm
1974-04-19 Ph.D. in Physiology, University of Stockholm
1975 Docent at the University of Stockholm

Professional work

1975-1988 Associate Professor and 1988-2002 Professor in Climate Physiology at the National Institute for Working Life, Solna, Sweden
2003- Professor at Department of Design Sciences, Faculty of engineering, University of Lund, Sweden.

Experience in teaching:

Responsible for training courses in ergonomics and work physiology for safety engineers.
Lecturer on these topics at courses for Industrial physicians, Industrial nurses, Trade Union Representatives, Technical managers, a.o.
Lecturer and supervisor in Masters and Doctoral programs at Luleå and Umeå University (Ergonomics program).
Supervisor of Doctoral students at the National Institute for Working Life.
Lecturer in Environmental Ergonomics at Lund University.

Other professional activities and experiences:

Swedish Delegate in ISO TC159/SC5/WG1, CEN TC122/WG3 and WG11, CEN TC156/WG6, CEN TC162/WG4 and WG8 and COST-730.
Principal author of three ISO standards
ISO 11079. (2007) Ergonomics of the thermal environment - Determination and interpretation of cold stress using required clothing insulation (IREQ) and local cooling effects.
ISO 13732-3. (2006) Ergonomics of the thermal environment - Methods for assessment of human responses to contact with surfaces - Part 3: Cold surfaces.

ISO 16976-1. (2007) Respiratory protective devices - Human factors - Metabolic rates and respiratory flow rates.

Secretary of ICOH Scientific Committee on Thermal Factors

Member of Scientific Committee on Antarctic Research (SCAR), Working Group on Human Biology and Medicine

Organizer of International Symposium "Problems with Cold Work" 16-20 Nov, 1997.

Organizer of Nokobetef6 and 1st European Conference on Protective Clothing, Stockholm 7-10 May 2000.

Organizer of 11th International Conference on Environmental Ergonomics, Ystad, Sweden, 22-26 May, 2005.

Since 2006 a full day seminar on Personal Protective equipment has been organized each year by our research group with good attendance about 40-60 participants).

Research activities

Research has covered a variety of subjects in the field of exercise and work physiology, thermal physiology, indoor climate, protective clothing, physical and mathematical modelling. Since 1971 more than 400 scientific papers have been published in national and international journals and conference proceedings. 115 of them are published in peer reviewed journals.

Much of the early research funding came from the Swedish Work Environment Fund. From 1994-2006 a total of 6 projects has been supported by the EU research programs.

The most recent was EU CONTRACT N°: G6RD-CT-2002-00846 Assessment of thermal properties of Protective clothing and their use. Total budget for us as partner was about 1.8 million SEK.

Some research and development projects have been supported by the Swedish Rescue Services Agency (Räddningsverket), the Work Environment Authority (Arbetsmiljöverket) and several industrial companies. Vinnova has supported to projects under Forska&Väx together with Taiga AB in Varberg (2007 and 2008). The share of ours is about 800 000 SEK.

Other academic engagements

A total of 8 doctoral students have been supervised. Holmér has been opponent at doctoral dissertations in Sweden (2), Norway (1), Denmark (2), UK (3) and Hongkong (5) and served on the examination board on several occasions.

Serve on the scientific board of scientific journals such as Journal of Occupational Safety and Ergonomics, Journal of Industrial Health, Journal of Physiological Anthropology.

Publications

Since 1971 more than 400 scientific papers have been published in national and international journals and conference proceedings. 115 of them are published in peer reviewed journals.

(A complete list of publications is available separately)