

## Curriculum Vitae

Lena Trojer

Born

1951

Professional address

Blekinge Institute of Technology,  
School of Technoculture, Humanities and Planning, Division of Technoscience Studies,  
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### *Education*

- Ph D in analytical chemistry 1981 05 25 at the University of Lund, Sweden
- Pedagogic university degree in non formal adult education (Folk High school education) 1988 06 10 at the University of Linköping, Sweden
- Associate Professor (docent) in Gender and Technology 1995 11 24 at Luleå University of Technology, Sweden
- Biträdande Professor at Luleå University of Technology 1998 02 03

### *Appointments*

- Research assistant, Department of Analytical Chemistry, University of Lund 1974 - 1981
- Teacher in non formal adult education, Folk high school of Jämshög 1984 - 1994
- Senior lecturer at Luleå University of Technology 1992 - 1998
- Director of Centre for Women's Studies at Luleå University of Technology 1993 - 1996
- Acting Professor at the Department of Gender & Technology, Luleå University of Technology 1994 - 1998
- Project director of the Graduate School for Women at Technical Faculty of Luleå University of Technology 1994 - 1998
- Acting Professor at the Division of IT and Gender Research, Blekinge Institute of Technology 1998 - 1999
- **Full professor at the Division of Technoscience Studies (IT and Gender Research), Blekinge Institute of Technology, 1999 -**
- Deputy Dean at the Technical Faculty of Blekinge Institute of Technology 1999 - 2004
- Head of Department Human Work Science and Media Technology 2001 - 2002
- Head of Department Human Work Science, Media Technology and the Humanities 2003
- Deputy Dean of School of Technoculture, Humanities and Planning 2004 - 2006

### *Commissions*

- Board member of ERU, official authority "Expert group for research in regional development" 1993 - 1995.
- Member of the Appointment Committee at Luleå University of Technology, 1993 - 1996.
- Board member, appointed by the Government, of the Swedish Council for Planning and Coordination of Research (FRN), 1995 - 2000 .
- Member of the programme committee of FRN "Technology, Information, Culture and Society", 1995 - 1998.
- Board member of IT-Blekinge / RISI (Pilot Region for the Implementation of the Information Society, EU-DG XVI), 1996 - 2000.
- President of The Committee for Co-operation of the Swedish Research Councils, appointed by the Government, 1997 - 2000.
- Board member, appointed by the Government, of Swedish secretariat for Gender Research, University of Gothenburg, 1997 - 2005
- Member of the scientific reference group "Natural science, technology and industry" of Sida/SAREC, 1997 - 2000.
- Member of international advisory board of the book series 'Gender, Theory and Culture' Sage Publication, London, 1998 -
- Board member, appointed by the government, of the Research Board Sida /SAREC, 2001 - 2006
- Member of the Swedish Reference group for UN ICT Task Force and WSIS (World Summit on Information Society) under Swedish Ministry of Foreign Affairs, 2002 - 2005
- Member of WSIS Gender Caucus Research Committee, 2003 - 2005
- Board member of NetPort Karlshamn 2004 -
- Board member of "Sparbanken i Karlshamns Näringslivstiftelse", 2004 -
- Member of the international team in the ISCP-EA (Innovation Systems and Clusters Programme - East Africa), 2004 -
- Chairperson, appointed by the Chief Academic Officer of University of Dar es Salaam (UDSM), of the second UDSM Academic Audit, Tanzania, 2004 - 2005
- Member of the National Steering Committee for the Innovation Systems and Clusters Programme in Tanzania 2006 -
- Evaluator, appointed by Sida, of Sida SAREC University Support to University of Dar es Salaam, 2006
- Member of the scientific advisory board of M3 at the School of Communication, Technology and Design, Södertörn University College, 2006 -
- Board member of VINNOVA Information and Communications Technology Department, 2006 -
- Project director, appointed by Sida SAREC, for a consultancy assignment on support to develop the organizational structure of Sida financed research programme at the National University of Rwanda, 2006 - 2007.

### Head supervisor

PhD degree (teknologie doktorexamen), name and year of degree

- Christina Mörtberg, 1997
- Birgitta Rydhagen, 2002
- Pirjo Elovaara, 2004
- Elisabeth Gulbrandsen
- Christina Björkman, 2005
- Peter Ekdahl, 2005
- Inger Gustafsson, 2008
- Avri Doria
- Peter Giger
- Peter Okidi-Lating (Makerere University, Uganda)
- Hannes Norda
- Ellen Kalinga (University of Dar es Salaam, Tanzania)
- Suzan Lujara (University of Dar es Salaam, Tanzania)
- Charlotte Sennersten
- Charles Otine (Makerere University, Uganda)
- Rebecka Molin

Licentiate degree (teknologie licentiatexamen, EG filosofie licentiat), name and year of degree

- Elisabeth Gulbrandsen, 1995
- Birgitta Rydhagen, 2000
- Pirjo Elovaara, 2001
- Christina Björkman, 2002
- Peter Ekdahl, 2002
- Inger Gustafsson, 2004
- Peter Giger 2006
- Peter Okidi Lating 2006
- Ellen Kalinga 2008
- Suzan Lujara 2008

### Publications, selected

Monographs

- Lena Trojer, Elisabeth Gulbrandsen, *Crossing borders and carrying norms - female research students at technical faculty*, 1996, Luleå University of Technology, 1996.
- Lena Trojer, *Competance for leadership in research organizations*, 1999, Luleå University of Technology.
- Peter Ekdahl, Pirjo Elovaara, Lena Trojer, Eva Wittbom, *Ideal and Realities*, 1999, University of Karlskrona / Ronneby
- Peter Ekdahl, Elisabeth Gulbrandsen, Christina Mörtberg, Lena Trojer, Gro Hanne Aas, *Encounters between Rhetoric and Real Life Experiences – implementing IT at local level in the county of Blekinge*, 2000, University of Karlskrona / Ronneby
- Lena Trojer, *Gender Research within Technoscience* (Genusforskning inom Teknikvetenskap – en drivbänk för forskningsförändring), Högskoleverket, Stockholm, 2002.
- Elisabeth Gulbrandsen, Albert Nsengiyumva, Birgitta Rydhagen and Lena Trojer, *ICT, innovation systems and the role of universities in societal development - a (post)colonial strain?*, 2004, National University of Rwanda Press.

Edited volumes

1. Elisabeth Hermodsson, Lena Trojer, *Cross cultural talk - women and natural science*, Carlsson's publisher, 1995.
2. Lena Trojer, *Wanderings – an anthology out of gender research perspectives*, 1996, Luleå University of Technology.
3. Burton LM Mwamila, Lena Trojer, Bitrina Diyamett, Abraham K Temu, *Innovation Systems and Innovation Clusters in Africa*, 2004, Proceedings from The Regional Conference Innovation systems and Innovative clusters in Africa, Bagamoyo, University of Dar es Salaam, Tanzania.

Articles selected

- Lena Trojer, "Clean and Unclean Facts - reflections on technoscientific production of knowledge in a feminist perspective", *Häften för kritiska studier*, 1995.
- Lena Trojer, "Technoscientific challenges in gender research", *SOU* 1995: 110.
- Lena Trojer, Elisabeth Gulbrandsen, Authority in Transformation, *The European Journal of Women's Studies*, vol. 3, issue 2, 1996.

- Lena Trojer, "Reflexivity within Technoscience Systems - gender research perspectives", Proceedings *Understanding Long-term Social System Shifts. The role of social learning in technological change processes*, FRN, Stockholm 1997.
- Lena Trojer, "The Politics of Gender Research Integration, presentation of a situation in Sweden", proceedings *Winds of Change, Women & The Culture of Universities*, Sidney, Australia, 1998.
- Lena Trojer, "Reflections on Techno- and Research Politics - when gender is on the agenda", *Journal of Contemporary Politics*, vol.5 nr2, 1999, London.
- Peter Ekdahl, Lena Trojer, "Experiments where ICT, Science and Politics Implode", paper 4S / EASST Conference, University of Vienna, 2000.
- Lena Trojer, "The negotiation processes of interdisciplinarity" (Tvärvetenskaplighetens förhandlingsprocesser", *Kvinnoforskningsnytt*, nr 1, 2001.
- Lena Trojer, "Graduate School for Women - towards Leadership Qualifications within Research Organizations" proceedings *Recruiting and retaining women researchers in knowledge based organizations*, NorFA, 2001.
- Lena Trojer, "Integrating processes in eight Swedish research financing authorities - case gender research" in *Gender & Research*, ed. Linda Maxwell, Karen Slavin, Kerry Young, European Commission DG for Research, Luxembourg, 2002.
- Peter Ekdahl, Lena Trojer, "Digital Divide / Catch up for what?", *Gender, Technology and Development*, journal Sage publications, vol.6, nr 1, 2002.
- Lena Trojer, "Rhetoric and Realities: Evaluation of IT Projects", *Feminist Challenges in the Information Age*, ed. Christiane Floyd, Govind Kelkar, Silvie Klein-Franke, Cheris Kramarae, Cirila Limpangog, publisher Leske & Buderich Verlag and McMillan, 2002.
- Christina Björkman, Lena Trojer, "Computer Science and its Paradigmatic Basis – Broadening Understandings through Gender Research from Within" i *Challenging Canon: the Gender Question in Computer Science*, BTH, Licentiate Dissertation Series No 4/02.
- Peter Ekdahl, Lena Trojer, "Accountability and ICT Development Discourses", in proceedings, IFIP WG9.4 Conference ICTs and Development : New Opportunities, Perspectives & Challenges, Bangalore, India, May 29-31, 2002.
- Lena Trojer, "Gender Equity at Technical Faculties – Why and How?" in *Engineering and Technology for Sustainable Development – Research, Education and Development*, ed. B. Mwamila, E. Thulstrup, Sida / SAREC, 2002.
- Birgitta Rydhagen, Lena Trojer, "Prerequisites for Postcolonial ICT", *Kvinnoforskningsnytt* nr 1, 2004.
- Samuel Henningsson, Lena Trojer, "Developing Practices within a Local Innovation System; technical university, industry and local government working together", in Proceedings from The Regional Conference Innovation systems and Innovative clusters in Africa, Bagamoyo Tanzania 2004.
- Lena Trojer, *Conference Report on The Regional Conference Innovation systems and Innovative clusters in Africa, Bagamoyo Tanzania 2004*, Sida/SAREC.
- Lena Trojer, "ICT and the Role of Universities – a technopolitical and postcolonial challenge" in Gulbrandsen, Elisabeth, Nsengiyumva, Albert, Rydhagen, Birgitta and Trojer, Lena *ICT, innovation systems and the role of universities in societal development - a (post)colonial strain*, 2004, National University of Rwanda Press.
- Lena Trojer, Samuel Henningsson, "Why Triple Helix?", *Bulletin of the KPZK*, (Polish abbreviation of 'Polish National Committee for Space Economy and Regional Planning'), Polska Akademia, Studia Regionalia, nr 217, 2005.
- Birgitta Rydhagen, Lena Trojer, " Digital delivery. E-learning in Rural Secondary Schools in Tanzania", 2005, Offprint publicly delivered at WSIS (World Summit on Information Society), Tunis November 2005.
- Lena Trojer, "Gender Perspectives in Research Supervision (Genusperspektiv i forskarhandledning)" in Susanna Stymne Airey, Maria Wolmesjö (ed.) *Research Supervision in Transformation – an anthology from perspectives of doctoral students and research supervisors (Forskarhandledning i förändring)*, University of Växjö, 2005.
- Lena Trojer, "Centres of Excellence – en forskningspolitisk strategi för genusforskning? (Centres of Excellence – a research political strategy for gender research ?)", *Genusperspektiv*, nr 2 / 05.
- Christina Björkman, Pirjo Elovaara, Lena Trojer, "Feminist Technoscience Rearranging in the Black Box of Information Technology", to appear ,in Susanne Maaß, Heidi Schelhowe, Carola Schirmer, Isabel Zorn (eds): *Information Technology from a Gender Perspective– Epistemology, Construction and Empowerment*, VS-Verlag,, 2005
- E. Bhalalusea, N.A. Kuhanga, D. Ngassapa, R. Nilsen, H. Palm, L. Trojer, G. Vogels, *Report on the 2004 UDSM ACADEMIC AUDIT*, March 2005, UDSM, Tanzania
- Lena Trojer, *Report on Sida/SAREC bilateral Research Cooperation Programme at University of Dar es Salaam, Tanzania*, Stockholm, Sida 2006
- A. Boeren, T. Alberts, T. Alveteg, E. W. Thulstrup, L. Trojer, *Sida / SAREC Bilateral Reseach Coöperation: Lessons Learned*, Sida Evaluation 06/17
- Birgitta Rydhagen, Lena Trojer, "Postcolonial ICT Challenges", in Trauth, Eileen (Ed.) *Encyclopedia of Gender and Information Technology*, Information Science Publishing, 2006.
- Lena Trojer, " Building Epistemological Infrastructures - interventions at a technical university" in Gordana Dodig Crnkovic, Susan Stuart (ed.), *Computing, Philosophy, and Cognitive Science*, Cambridge Scholars Press 2006
- Christina Björkman, Lena Trojer, "What does it mean to Know Computer Science? Perspectives from Gender Research", *tripleC* 4(2): 316-327, 2006

- Elisabeth Gulbrandsen, Lena Trojer, Christina Björkman, Pirjo Elovaara, "Genusforskning inom teknisk fakultet: En kunskapspolitisk utmaning", *Kvinnovetenskaplig tidskrift*, nr 2-3, 2006
- Lena Trojer, Elisabeth Gulbrandsen, Pirjo Elovaara, forskningsrapport till VINNOVA, *Samverkansprocesser i innovationssystem - teknovetenskaplig genusforskning som utvecklingsresurs*, 2006.
- Peter Okidi-Lating, S.B.Kucel, Lena Trojer, *Implementation of Hybrid E-learning Model for Advanced Secondary School Physics and Mathematics Education of Female Students in Uganda: Arua Case Study* published by Elsevier Ltd, UK, in the proceedings of the First International Conference on Advances in Engineering and Technology, 16-19 July, 2006, Entebbe, Uganda, ISBN- 13: 978-0-08-045312-5 and ISBN- 10: 0-08-045312-0, pgs. 538-545
- Peter Okidi-Lating, S.B.Kucel, Lena Trojer, *Strategies for Implementing Hybrid E-learning in Rural Secondary School in Uganda*, presented at the First International Conference on ICT for Development, Education and Training, Addis Ababa, Ethiopia, May 24-26<sup>th</sup> 2006 and published in the conference proceedings, CD. The abstract for the paper was published by ICWE GmbH, Berlin, Germany in the Book of Abstracts, ISBN 3-9810562-2-1
- Peter Okidi-Lating, S.B.Kucel, Lena Trojer, *Design and Development of Interactive Multimedia CD-ROMs for Rural Secondary Schools in Uganda*, published by Elsevier Ltd, UK, in the proceedings of the First International Conference on Advances in Engineering and Technology, 16-19 July, 2006, Entebbe, Uganda, ISBN- 13: 978-0-08-045312-5 and ISBN- 10: 0-08-045312-0, pgs. 546-553
- Peter Okidi-Lating, S.B.Kucel, Lena Trojer, *Longitudinal Analysis of Performance of Ugandan Rural Female Advanced Level Students in Physics Practicals*, accepted paper at the Conference on Collaborative Research for Technological Development - Kampala 17<sup>th</sup> - 21<sup>st</sup> December 2007
- Peter Okidi-Lating, S.B.Kucel, Lena Trojer, *E-Learning for Development in Rural Uganda: Co-evolution in Triple Helix Processes*, accepted paper at the Conference on Collaborative Research for Technological Development - Kampala 17<sup>th</sup> - 21<sup>st</sup> December 2007
- Ellen Kalinga; Burchard Bagile; Lena Trojer, "An Interactive e-Learning Management System (e-LMS): A Solution to Tanzanian Secondary Schools' Education", in World Academy of Science, Engineering and Technology (WASET), International Journal of Social Sciences (IJSS) Volume 1 Number 4, 2007, Pages 250 – 253.
- Ellen Kalinga; Burchard Bagile; Lena Trojer, "Strategies for Developing e-LMS for Tanzanian Secondary Schools", in World Academy of Science, Engineering and Technology (WASET), International Journal of Social Sciences (IJSS) Volume 2 Number 3, 2007, Pages 145 – 150.
- S. K. Lujara; M. M. Kissaka; L. Trojer; and N. H. Mvungi, "Introduction of Open-Source e-Learning Environment and Resources: A Novel Approach for Secondary Schools in Tanzania", International Journal of Applied Mathematics and Computer Sciences, vol. 4, nr 2, 2007
- S. K. Lujara, M.M. Kissaka, E. P. Bhalalusesa and L. Trojer, "Learning Objects: A New Paradigm for e-Learning Resource Development for Secondary Schools in Tanzania", in *International Journal of Social Sciences* (IJSS) Volume 2 Number 3, 2007, World Academy of Science, Engineering and Technology (WASET) pp 151-155.
- Peter Giger; Lena Trojer, "From Control to Networks in Academic Publishing: Introduction of an Open Peer Review International Journal" in Proceedings HSS 07 - Högskolor och samhälle i samverkan, Jönköping, 2007.