

Curriculum vitae

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Personalia

Name: *Fred-Göran Karlsson*

Born: Turku, Finland, February 17, 1946

Studies

Student matriculation, Åbo Svenska Samskola, 1964

Master of Philosophy (filosofie kandidat), Åbo Akademi University 1969 (major: Finnish, phonetics)

Licentiate of Philosophy (filosofian lisensiaatti), University of Turku, 1970 (phonetics)

Master of Arts, University of Chicago, 1972 (linguistics)

Doctor of Philosophy, University of Turku, 1974 (phonetics)

Positions held

Assistant of phonetics, University of Jyväskylä, 1969

Research grant, Council of the Humanities, Finland, 1970

Acting assistant of phonetics (short periods, partly part-time), Turun yliopisto, 1972-1973

Acting professor of phonetics (45%), Turun yliopisto, January - May 1973

Acting lecturer of phonetics (50 %), Turun yliopisto, January - May 1973

Lecturer of phonetics (50%), University of Gothenburg, August 1973 - July 1974

Research Assistant, Council of the Humanities, Finland, September - December 1974

Acting assistant professor of Finnish, Åbo Akademi University, 1975

Docent of general linguistics, University of Turku, 1975-1979

Research Assistant, Junior and Senior Researcher, Council of the Humanities, Finland, 1976-1978

Acting assistant professor of general linguistics, University of Turku, 1978-1979

Assistant professor of general linguistics, University of Turku, 1979-1980

Professor of general linguistics, University of Helsinki, 1980-

Leader of the Research Unit for Computational Linguistics [from 1994 called The Research Unit for Multilingual Language Technology], University of Helsinki (Center of Excellence sponsored by the Academy of Finland and the University of Helsinki), 1985-1999

Docent of Finnish, Åbo Akademi University, 1982-

Visiting professor of linguistics, University of Lund, 2000 (three weeks)

Received external research funding (as project leader, unless otherwise indicated)

Quantitative text syntax of Finnish, Academy of Finland, 1977-1978 (8000 €)

More than 20 industry-sponsored projects related to language technology, 1981-1992 (400 000 €)

Automatic analysis of Finnish, Academy of Finland, 1981-1983 (200 000 €)

Structure of Finnish Sign Language, Finnish Association of the Deaf and Ministry of Education, 1982-1984 (80 000 €)

Research Unit for Computational Linguistics [from 1994 Research Unit for Multilingual Language Technology, with Center of Excellence status], Academy of Finland, 1989***-1998 (600 000 €)

Structured information management, processing, and retrieval, European Union and the Finnish Technology Development Agency TEKES, 1989-1991 (500 000 €)

Parsing the "Bank of English", HarperCollins Publishers, Glasgow, 1993-1994 (85 000 €)

Language-technological applications to Swedish, German, and Finnish, Academy of Finland, 1994-1995 (85 000 €)

LE-PAROLE (designing machine-readable corpora and lexicons for Finnish and other European languages), European Union, 1995-1999 (220 000 €)
Parsing Nordic Languages (PaNoLa), Nordic Council of Ministers, 2002-2004 (28 000 €), [project leader: Eckhard Bick, Syddansk universitet]
GILTA - Managing Large Text Masses, Finnish Technology Development Agency TEKES, 2001-2003 (104 000 €), [project leader: Ari Visa, Tampere Technical University]
Grammatical Complexity of Natural Languages, Academy of Finland, 2003-2006 (250 000 €)
Linguistic analysis of the safety regulations of the Forsmark (Sweden) Nuclear Power Plant, Nordic Nuclear Safety Research and VTT Technical Research Center of Finland, 2007-2008 (20 000 €)
Pronunciation of Finnish by immigrants in Finland – a longitudinal phonetic study of the acquisition of Finnish as a second language, Academy of Finland, 2008-2011 (320 000 €)

Other external funding (as project leader)

A nationwide postgraduate course in “Automatic analysis of large text corpora from the viewpoints of syntactic theory and methodology”, Research Council of the Humanities, 1991 (3500 €)
Doctoral programme “Linguistic meaning and its processing”, Ministry of Education, 1995-1998 (main applicant and responsible leader, 17 full-time research posts for 4 years + 60 000 €)
Promoting employment possibilities of students at University of Helsinki’s Faculty of Arts, Ministry of Education, 2000-2003 (3 000 000 € additional external funding raised in my capacity as Dean)
Support from the City of Kouvola for the Department of Translation, 2001-2003 (1 000 000 € additional external funding raised in my capacity as Dean)
Revitalizing the Romani language in Finland, Finnish Cultural Foundation and Finland-Swedish Cultural Foundation, 60 000 €+ 9000 €, 2005-2007

Supervised doctoral dissertations

Marja Leinonen 1982, Martti Nyman 1982, Kimmo Koskenniemi 1983, Jouko Lindstedt 1985, Anneli Pajunen 1989, Liisa Tiittula 1989 (Berlin), Maria Vilkuna 1989, Pirkko Kukkonen 1990, Willi Plöger 1990, Atro Voutilainen 1994, Irmeli Helin 1998, Tapani Kelomäki 1998, Heli Harrikari 2000, Aino Kärnä 2000, Kari Valkama 2000, Matti Miestamo 2003, Kari Pitkänen 2003, Lotta Harjula 2004, Päivi Rainò 2004, Anu Airola 2007; Johanna Kuningas 2008; Chris Pekka Wilde 2008; Antti Arppe 2008

Supervised Licentiate’s theses

Jouko Lindstedt 1983, Urho Määttä 1985, Olli Blåberg 1987, Juhani Birn 1989, Kristiina Jokinen 1990, Santeri Palviainen 2001, Yuan Shi 2003, Marja Peltomaa 2004

Duties as scholarly expert

Member of the Board of the Network of Finnish University Language Centres, 1978-1980
Member of the Council for Instruction of Finnish for Foreigners, Ministry of Education, 1978-1985
Main Editor of the Nordic Journal of Linguistics, 1981-1983
Member of the Board of the Research Institute for the Languages of Finland, 1982-1987
Member of the Editorial Boards of Linguistic Abstracts 1991-1999, Journal of Natural Language Engineering 1996-2001, Speech and Language (2002-), SKY Journal of Linguistics (2002-), Deaf Studies in Finland (2003-)
Member of the Steering Group of the Degree Reform Project in the Humanities, Finland, 1975-1979
Member of panels evaluating: the degree structure and quality of exams at Finnish Faculties of Arts, 1991-1993 (chair); research and education at the University of Vaasa, Finland, 1995; research at the Departments of Finnish at Finnish universities, 1994-1996 (steering group member);

research at the Department of Computational Linguistics, Copenhagen Business School, 1996; teaching of Finnish to foreigners (Ulkomaanlehtori- ja kielikurssiasiaain neuvottelukunta), 1996; research at the Research Center for the Languages of Finland, 1996; education and research at the Departments of Slavonic and Baltic Studies in Finland, 1998 (chair); evaluation of study programmes taught through a foreign language in Finnish universities and polytechnics, 1997-1999 (chair); research at the Faculty of Arts, University of Gothenburg, 2000; research at the University of Uppsala, 2000-2001 (BASTU); research in computational linguistics at the University of Tartu, Estonia, 2001; research at the Departments of Linguistics at Norwegian universities, 2002; research at the Faculty of Arts, Lund University, 2004; work at HUMLab, University of Umeå, 2004-2005; Faculty of Humanities, University of Iceland, 2005; research at Lund University, 2007-2008 (chair, panel 4: Languages / Philosophy)

Chairman of the Research Organization Committee, University of Helsinki, 1996

Chairman of the “Conference on the translation and teaching of the Finnish language in the European Union” sponsored by the Finnish Ministry of Education, 23.-26.11.1996

Leader of the Graduate School Programme “Linguistic meaning and its processing”, 1995-1998

Chairman of the National Board for the Romani Language, 2001-2008

Chairman of the External Board of the Research Institute for the Languages of Finland, 2004-2006

Vice-Chairman of the Ibero-American Foundation, Finland, 2004-2007

Chairman of the Arts and Social Sciences Fund, University of Helsinki, 2004-2008

Working deputy member of the Board of the Sigrid Juselius Foundation, 2001-

Chairman of the Board of the Helsinki Collegium for Advanced Studies, 2005-2006

Official opponent at doctoral dissertations abroad seven times (Stockholm: Brita Bergman 1983, Uppsala: Lars Borin 1990, Copenhagen: Henrik Jørgensen 1996, Göteborg: Elzbieta Dura 1998, Århus: Eckhard Bick 2000, San Sebastian: Jose Mari Arriola Egurrola 2000, Uppsala: Riitta-Liisa Valijärvi 2007), and in Finland four times (Jyväskylä: Matti Leiwo 1977, Åbo/Turku: Börje Wähämäki 1984, Jyväskylä: Ritva Takkinen 2002, Joensuu: Juhani Järvikivi 2003); committee member at the PhD defense of Mary Brennan, University of Stockholm, 1990

Pre-examiner for doctoral dissertations i.a. of Jari Sinkkonen, Faculty of Medicine, University of Helsinki, 1993; Timo Honkela, Helsinki University of Technology, 1997; Steve Legrand, Faculty of Information Sciences, University of Jyväskylä 2007

Referee for professorial appointments (in general linguistics, applied linguistics, computational linguistics, linguistic computing, cognitive science, information science, Finnish, Swedish, and Sign Language; in Finland, Sweden, Norway, Denmark, Estonia, UK, US, and Germany): University of Tromsø, general linguistics 1981 and 1984; University of Vaasa, Modern Finnish, 1982; University of Stockholm, Finnish 1984, 1987; Academy of Finland, research professorship 1985; Brigham Young University, linguistics 1985; University of Jyväskylä, applied linguistics 1991; University of Birmingham, cognitive science 1990; University of Stockholm, Sign Language 1991; University of Joensuu, general linguistics 1992; University of Linköping, computational linguistics 1994; University of Lund, general linguistics 1993 and 1995; University of Gothenburg, linguistic computing (especially lexicology) 1996; Universität Hildesheim, Germany, angewandte Informationswissenschaft 1997; University of Vaasa, applied linguistics 1999; University of Uppsala, general linguistics 2000; University College Dublin, linguistics 2001; University of Michigan, linguistics 2001; University of Copenhagen, linguistics 2002; University of Manchester, linguistics 2002; University of Tartu, general linguistics 2002; Copenhagen Business School, computational linguistics 2003; Danish Research Council, linguistics and/or philology (research professorship) 2004; University of Jyväskylä, Sign Language 2004; University of Jyväskylä, applied linguistics 2007

Referee for university lecturer appointments: University of Oulu, general linguistics 1980 and 1981; University of Tampere, general linguistics 1981; University of Gothenburg, computational linguistics 1989; University of Uppsala, Finno-Ugric linguistics 1992; University of Umeå, general linguistics 1994; University of Aarhus, Finnish 1994; University of Stockholm, computational linguistics 2000; University of Gothenburg, general linguistics, especially computational linguistics 2001; University of Uppsala, computational linguistics 2006

Referee for university docentship appointments abroad: Lund University 2004

Referee for research assistantships abroad: University of Stockholm, general linguistics, computational linguistics, or phonetics, 2003

Member of the Expert Group on Research Infrastructures, Academy of Finland, 2004-2006

Member of the Expert Group “Blueprint for the European Research Laboratory for the Humanities and Social Sciences (EROHS)”, European Union, 2003-2005

Member of the Expert Group appointed by the Rector of the University of Helsinki for assessing the appropriateness of the rejection by the Faculty of Arts of Israel-Jakob Schur’s doctoral dissertation in 1937, 2008

Chairman of the Committee for Reorganizing the Research Institute for the Languages of Finland (Kotus-työryhmä), Ministry of Education, 2008-2009

Further organizational tasks

Chairman of the Organizing Committees of the 3rd Scandinavian Conference of Linguistics, Hanasaari, Espoo, 1976; Kielitieteen päivät (Yearly Meeting of Finnish Linguists), Turku 1980; 7th Scandinavian Conference of Linguistics, Hanasaari, Espoo 1982; Fourth International Symposium on Sign Language Research, Lappeenranta 1987 (190 participants); 13th International Conference on Computational Linguistics, Helsinki 1990 (COLING 90, 550 participants); Conference on the Translation and Teaching of Finnish in the European Union [sponsored by the Finnish Ministry of Education], Helsinki 1996; 20th Scandinavian Conference of Linguistics, Helsinki, 2004; Approaches to Complexity in Language, Helsinki 2005; Gypsy Lore Society Bi-Annual Meeting, Helsinki 2009

Member of the Organizing Committees of: 1st Scandinavian Conference of Linguistics, Kungälv 1974; Sixth International Conference of Nordic and General Linguistics, Helsinki 1986; 13th European Summer School in Logic, Language and Information, Helsinki 2001 (ESSLI’01); 16th Annual Conference of the Academia Europaea, Helsinki 2004; International Conference on Language, Politeness, and Gender, Helsinki 2004; Joint Henry Sweet Society Annual Colloquium and XIX Internationales Colloquium SgdS, Helsinki 2007

Positions of trust

Member of the Faculty Board, Turun yliopisto 1977-1978

President of the Linguistic Association of Finland, 1980-1981

President of the Nordic Association of Linguists, 1984-1986

Member of the Board of Societas Linguistica Europaea, 1987-1989

Member of the Permanent International Committee of Linguists, 1987-

Vice-Dean of the Faculty of Arts, University of Helsinki, 1989-1990, 1992-1994

Member and Vice-Chairman of the Finnish Board of Higher Education (Korkeakouluneuvosto), 1992-1995

Member of the Finnish Higher Education Evaluation Council (Korkeakoulujen arviointineuvosto), 1996-1999

Member of the Senate of the University of Helsinki, 1989-1990, 1992-1993, 2001-2003, 2007-2009

Vice-Dean of the Faculty of Arts, University of Helsinki, 1989-1990 (acting), 1992-1994

Dean of the Faculty of Arts, University of Helsinki, 1992-1993 (acting), 1998-2003

Member of the Board of the Swedish Literature Society, Helsinki, 1996-; Vice-Chairman, 1999-
Inspector of Åbo Nation [Swedish-speaking students from SW Finland], University of Helsinki,
2001-2007
Member of the Board of the Nordic Association of Linguists, 2001-2003
Member of the Board of the Federation of Finnish Learned Societies, 2003-2007
Chairman of the Housing Foundation of Swedish-speaking Students, Helsinki, 2003-2007
Member of the Prize Committee (Gad Rausing's Prize, 1 million SEK, Kungl. Vitterhets Historie och
Antikvitets Akademien, 2003-2005)
Head of the Department of General Linguistics, University of Helsinki, 1980-1997, 2004-2006
Chairman of the Board of the Helsinki Collegium for Advanced Studies, 2005-2006
Treasurer of Nordic Association of Linguists, 2004-2008
Member of the Sub-Committee on Linguistic Studies, Academia Europaea, 2004-2008
Auditor of Suomen Madridin-instituutin kannatusyhdistys ry, 2005-
Vice-member of the Board of The National Library of Finland, 2007-2009

Scholarly honours

Member of Societas Scientiarum Fennica (Finska Vetenskaps-Societeten), 1984
Member of Academia Europaea, 1988
Appointed "Professor of the Year" by the Finnish Union of University Professors (Professoriliitto),
1998
Member of The Royal Academy of Sciences (Kungl. Vetenskaps-Societeten i Uppsala), 2005
Presented with the volume *A Man of Measure. Festschrift in Honour of Fred Karlsson on his 60th
Birthday*. Special Supplement to SKY Journal of Linguistics, Volume 19, 2006. Turku: The
Linguistic Association of Finland. 479 pp.
Member of The Royal Swedish Academy of Letters, History and Antiquities (Kungl. Vitterhets
Historie och Antikvitets Akademien), Stockholm, 2008

Other honours

"Brahewingarna", Students' Union, Åbo Akademi 17.2.1969
"Vuoden kielikello", 1978 (diploma awarded by the Union of Students of Finnish)
Honorary member of Smålands Nation, University of Uppsala, 2005

Prizes

E. A. Saarimaa's Prize, 1970, awarded by the journal *Virittäjä*
The Finnish Society of Information Technology Prize for an Outstanding Achievement in
Information Technology, 1988 ("Vuoden 1988 ATK-työ")
Oskar Öflund Foundation: Prize of Honour, 1988
Societas Scientiarum Fennica: E. J. Nyström's Prize, 1996, for outstanding work in computational
linguistics

Business experience

Founding owner (together with Kimmo Koskenniemi) of Lingsoft, Inc., 1987-2002
Vice-Chairman of the Board of Lingsoft, Inc, 1992-2002
Member of the Board of SEEDCAP II, KY, Helsinki, 2006- (representing the University of Helsinki)
Member of the Board of of WebALT Inc., Helsinki, 2006- (representing the University of Helsinki)

Military service

Draft service, field artillery 1964-1965 (second lieutenant 1965, lieutenant 2002)
National defense course 160, 2001 (three weeks)

Supplementary national defense course 82, 2007 (two days)

Publications 1969-2009

<http://www.ling.helsinki.fi/~fkarlso/publk2.html>