
CURRICULUM VITAE

Pasi Sahlberg

Long version

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1 Basic Information

Personal on contact information

Work address CIMO (Centre for International Mobility and Cooperation)
Hakaniemenranta 6, P.O. Box 343
00530 Helsinki
FINLAND
Tel +358-207-868-533
E-mail: pasi.sahlberg@cimo.fi

Date of birth

Place of birth Oulu, Finland

Citizenship Finnish

Gender Male

Education and degrees

Ph.D. Educational Sciences

Faculty of Education, University of Jyväskylä, Finland

Dissertation title: *"Who would help a teacher – post-modern perspective on change in teaching in light of one school improvement project"*, June, 1996.

Comprehensive areas: Educational change, school improvement, organization theory, systems theory, complexity theory

Teacher's Diploma Teacher of Mathematics and Science, May, 1986.

Department of Teacher Education, Faculty of Education, University of Helsinki, Finland.

Master of Science Mathematics, December, 1984

Faculty of Mathematics and Natural Sciences, University of Turku, Finland.

Bachelor of Science Mathematics and Physics, April, 1982

Faculty of Mathematics and Natural Sciences, University of Turku, Finland.

2 Professional Career

CURRENT POSITIONS

- CIMO** (Centre for International Mobility and Cooperation) *Director General* (December 2009 –)
- Faculty of Behavioral Sciences** (University of Helsinki, Finland) *Adjunct professor* (2003 –)
Supervising academic research and visiting lectures.
- Faculty of Behavioral Sciences** (University of Oulu, Finland) *Adjunct professor* (2009 –)
Supervising academic research and visiting lectures.

PREVIOUS POSITIONS

- European Training Foundation**, Torino, ITALY *Lead Education Expert* (June 2007 – November 2009)
Education policy analysis, advice on education reforms and evaluation of education sector programs within the the European Commission's external relations programmes. Leading education policy dialogue with the governments, engaging in global development discussions and conducting analytical work and policy research with the client countries. Chair of the ETF Editorial Board.
- World Bank**, Washington, DC, USA *Senior Education Specialist* (January 2003 – May 2007)
Managing preparation, supervision and evaluation of education sector projects and programs. Leading education policy dialogue with the governments, engaging in global development discussions and conducting analytical work and policy research with the client countries.
- Centre for School Development**, University of Helsinki, Faculty of Education, Helsinki, FINLAND *Director* (August 2000 – December 2002)
Managing the Centre for School Development. Strategic development of teachers' professional development, educational leadership and teacher education. Leading the international operations of the Centre. Teaching and supervision of research of graduate and post-graduate studies in the Faculty.
- National Board of Education**, Ministry of Education, Helsinki, FINLAND *Counsellor of Education* (January 1999 – July 2000)
Strengthening evidence-based school improvement and education development in Finland. Supporting the development of new development cooperation policy and practice to the Government of Finland. Strategic work with the municipalities and schools in consolidating the new curriculum and pedagogic innovations. Research on open networks in educational change.
- Project Director* (August 1996 – December 1998)
Managing the EC-funded National Observatory Project that was administered by the European Training Foundation. Work included leading an international consortium that helped to establish information units in the governments of Former Soviet Union States. This work focused on vocational education and labor market issues.

Head of Unit (August 1993 – July 1996)

Leading and managing a unit. Implementation of the new national curriculum. Strategic support to local education authorities and schools in improving teaching and learning. Creating functional bridges between schools and enterprises. Strengthening partnerships between schools and civil society. Coordinating the National School Improvement Network (Aquarium Project).

Chief Inspector (August 1991 – July 1993)

Leading the national curriculum working groups for physics and chemistry. Developing education policies for improving the quality of mathematics and science teaching. Technical support to National Matriculation Board.

Part-time Chief Inspector (April 1986 – April 1991)

Designing and coordination national school improvement networks within the international projects, including UNESCO's Information Network for Innovations in Science and Technology Education (IN-ISTE), Baltic Sea Project and Associate Schools Project. Developing and training of new methods of teaching for schools.

Department of Teacher Education, University of Helsinki, Helsinki, FINLAND

Lecturer (August 1988– December 1990)

Teaching science and mathematics student-teachers. Curriculum development and research on new teaching methods for schools.

Teacher Training School #1, University of Helsinki, Helsinki, FINLAND

Teacher (August 1986– July 1990)

Teaching mathematics, physics and chemistry in middle and upper secondary school. Supervising student-teachers in these same subjects.

————— INTERNATIONAL EXPERT ASSIGNMENTS —————

Organisation for Economic Cooperation and Development (OECD)

Education policy reviews in the following countries between 1995 and 2002: Russian Federation, Slovenia, Latvia, Bosnia-Herzegovina, Montenegro, Serbia, Kosovo, Albania, Bulgaria, Slovak Republic and Czech Republic

Technical expert in programme for *Combating School Failure* (two conferences) in 1996-98

World Bank (consultant assignments prior to 2003)

Feasibility study on the education sector in Russian Federation (consultant 1993-95)

Preparation of education reform for Georgia (consultant 1999 – 2001)

Preparation of education reform for Lithuania (consultant 2001-02)

World Bank (expert support after 2007)

Education policy review of Khanty-Mansiysk Autonomous region in the Russian Federation (2007-08)

Preparation of second phase of Education Quality and Relevance Project in Armenia 2008-09

Ministry of Foreign Affairs (Finland)

Monitoring and evaluation of education sector policies and economic development in Zambia (1997 – 2001)

Project document for the teacher education reform in Serbia (2001)

Teacher development support, training and policy advice to the Pales-

	tinian Authority on active learning in classrooms (1998-2002)
	Functional analysis of education and economic management in Ethiopia (1999)
	Teacher education development, training of teacher trainers and policy advice to the Ministry of Education in Tanzania (2001-02)
European Commission (EC)	Finnish representative in the SOCRATES I evaluation group and SOCRATES II Liaison Group
	Project Director for the TACIS project (National Observatory Project)
European Training Foundation (ETF)	Team Leader of the National Observatory Project for TACIS countries (vocational education and training and labor market policies) 1996 – 99
	Member of the vocational education, training and labor market <i>Advisory Forum</i> for the European Training Foundation (1995-96)
European Youth Forum	Research on recognition and value of non-formal education in Europe in 1999-2000
Independent advice and high-level support to governments	Armenia: Training of trainers for mathematics teaching
	Alberta, Canada: Technical support to education policy development
	United Arab Emirates, Abu Dhabi: Education policy support
	Turkey: Training of trainers and teachers for cooperative learning
	Brazil: Policy advice in secondary education development

INTERNATIONAL EXPERIENCE

I have worked on international education policy and reform, research and practice since 1985. I have experience of education systems and policies in most European Union countries through my work for the European Commission and bilateral arrangements. I have working experience in education in the USA, Canada, Israel and Japan.

My country experience in education includes:

European Union, Canada (Alberta), United States, Japan, Brazil, Russian Federation (various regions), Belarus, Ukraine, Croatia, Serbia, Montenegro, Bosnia and Herzegovina, Macedonia, Albania, Romania, Bulgaria, Turkey, Moldova, Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Turkmenistan, Uzbekistan, Mongolia, Northern part of Cyprus, West Bank and Gaza, Israel, Libya, Morocco, United Arab Emirates, Morocco, Ethiopia, Tanzania, Zambia and South Africa.

PROFESSIONAL AND SCIENTIFIC AFFILIATIONS

Member of the Steering Group of the Baltic Sea Project (UNESCO), 1988 – 92

President of the Conference and the Chairman of the Scientific Committee of the *First International Conference on Technology Education*, 1991-92

Member of the Board of the Finnish Research Society for Mathematics and Science Education, 1992-95

Member of the Finnish Matriculation Examination Board, 1992-96

Member of the Board of Directors the Youth Baseball Association (Finland), 1994 – 97

Member of the Advisory Board for OKKA Foundation, 1998 – 2001

Member in the expert teams of the Higher Education Evaluation Council, 1999-2002

Member of the Evaluation Group of SOCRATES I, European Commission, 1999-2001

Member of the Liaison Group of SOCRATES II evaluation group, European Commission, 2001-03

Member of the Board of Directors of the International Association for the Study of Cooperation in Education (IASCE), 2004 –

Chair of the Editorial Board, European Training Foundation, 2007– 2009

Member of the Scientific Organising Committee of the International Conference on Computer Supported Education, Lisbon, Portugal, 2008-09

Member of External Evaluation Team for Management and Leadership of education in the University of Helsinki, 2007–08

Member of the Scientific Organising Committee of the International Conference on Computer Supported Education II, Valencia, Spain, 2009 - 10

Member of the New Club of Paris, 2009 –

Member of Editorial Board of Journal of Educational Change, 2008 –

Assistant editor, Journal of Educational Change, 2008 –

3 Professional Expertise

Management and leadership	Ability to lead different organizations and teams, manage small and large projects and work as part of management and leadership teams. Knowledge and experience of leading people in changing organizational environments. Specialization in strategic development, distributed leadership, team-based management and learning organizations.
Education policy development and educational change	Comprehensive understanding of national education policies and their relations to other sectors, including financing, economy and social development. Knowledge of international education policies, reforms and the meaning of educational change. Special interest in ethics and anti-corruption in education.
Developing education sector strategies, reform programs and internationalisation	Designing national education strategies and converting them into reform programs. First hand experience in implementing large-scale education reforms, monitoring and evaluating education sector development and analysing economics of education in global environments. Proven skills to write and speak about education policies, development, change and global responsibility and ethics.
Secondary education, vocational education and higher education	Practical and analytical understanding of secondary and higher education issues. Excellent knowledge of the interconnection between post-basic education and economic competitiveness and growth. Special knowledge of vocational and technical education and their links to labor markets and economy in different countries.
Professional development, educational leadership and school improvement	Excellent skills in training teachers, trainers and education managers. Knowledge of designing effective and learning-oriented professional development programs and strategies at the national and local levels. Long experience and recognized skills in training and coaching of leaders of change.
Monitoring and evaluation of education sector policies, strategies and performance	Knowledge and skills in designing monitoring procedures, engaging in multi-level education policy dialogue with different stakeholders and producing analytical reviews of education sector performance.

Teaching and learning	Excellent understanding and skills of teaching and training children and adults. Skills to build productive learning environments, utilizing active learning methods, and using cooperative learning in various settings. Excellent knowledge and skills to analyze quality of teaching and learning, to produce practical solutions to improve quality of education and to design tools for monitoring impact.
Project planning, management and evaluation	Knowledge and skills to plan small- and large-scale national and international projects, manage complex operations, lead diverse teams and evaluate implemented projects.
Global education and training policies, especially in European Union and neighbouring countries	Understanding of the cultural and historical basis of European education policies, comparative view to different education systems and their issues and knowledge of current education and training policies within the OECD member countries and the European region.
Team skills	Knowledge of team work, excellent skills to work in different teams, share leadership and responsibilities and seek consensus even in most complex issues. Ability to balance cooperation and individual work.

4 Academic Activities and Research

Academic opponent for the Ph.D. degree

MA Martti Hellström: Muutosote. Akvaarioprojektin pedagogisten kehittämishankkeiden toteutustapa ja onnistuminen [The way of change – the implementation and success of pedagogical development projects at the experimental schools of the Aquarium project in 1995-98]. Faculty of Behavioral Sciences, University of Helsinki. June 2004.

MA Jelena Teodorovic: Factors related to student achievement: What works for children in Serbia? School of Education and Human Development, George Washington University, Washington, DC, USA. October 2005.

MA Arja-Sisko Holappa: Perusopetuksen opetus suunnitelma 2000-luvulla – Uudistus paikallisina prosesseina kahdessa kaupungissa. [Curriculum for basic education in the 2000's – Reform as local processes in two cities]. University of Oulu, Faculty of Education. November 2007.

MA Pasi Savonmäki: Opettajien kollegiaalinen yhteistyö ammattikorkeakoulussa. Mikropoliittinen näkökulma opettajuuteen. [Collegial cooperation among teachers in polytechnic. Micropolitical perspective on teachership]. Faculty of Education, University of Jyväskylä. November 2007.

MA Sara Servetti: Correcting written grammar mistakes through cooperative learning: Benefits and limits of a new Match. Università degli Studi di Torino, Dipartimento di Scienze Letterarie e Filologiche, Scuola di Dottorato in Studi Euro-Asiatici - Indirizzo di Linguistica, Linguistica Applicata, Ingegneria Linguistica. January 2010.

Supervising Ph.D. dissertations

KL Peter Johnson: ”Rakenteissa kiinni?. Perusopetuksen yhtenäistämisprosessi kunnan kouluorganisaation muutoshaasteena”. [Stuck in structures? The integration process of basic education as a change challenge for the municipal school organization]. Started in 2004 and was publicly presented and reviewed in September 2006. University of Jyväskylä.

MA Hannele Ylinen: ”Koulun visiot – rehtoreiden näkemys” [Visions of the school – the principals’ perspective]. University of Helsinki, Faculty of Behavioral Sciences.

Opponent for Licenciatae and Doctoral thesis

MA Sari Kivilehto: ”Miksi aina pitää ajatella? Formaalista ajattelua kehittävät tehtävät kotitalouden leivonnan opetuksessa.” [Why we always have to think? The task for developing formal thinking in the teaching of domestic science.] University of Helsinki, Faculty of Education. Helsinki, May 2002.

KK Peter Johnson: ”Opettajat yhtenäisen peruskoulun rakentajina” [Teachers as creators of integrated basic school]. Chydenius Institute. University of Jyväskylä. June 2004.

Reviews and academic quality assurance

Member of the OECD education policy review teams in South East Europe, Central Europe and the Russian Federation

Reviewer of proposals for the Annual Meeting of American Educational Research Association in 2006

Team member for higher education reviews by the Finnish Higher Education Evaluation Council in 1999-02.

Vice-chair and member of the External Evaluation Team for evaluation of management and leadership of education in the University of Helsinki (2007-08).

Current research activities

Classroom interaction in upper secondary schools: Are students prepared for knowledge society? This research project examines verbal and behavioural interaction in classrooms of about 15-year-old students in transition countries. 2005 – 2010

Economic competitiveness and educational change. This is a research and development project that I lead in the European Training Foundation and it is conducted with five European neighbourhood countries. 2006 – 2009

Educational change in Finland: Building a well-performing education system. This research aims at broadening understanding of Finnish education policies and practices and bring a critical aspect to forecasting the future needs in education development. 2005 –

Multiple perspective review of the Alberta Initiative for School Improvement. This is an international research project that aims at providing a comprehensive and research-based review of a large-scale school improvement programme in Alberta, Canada. 2007 – 2010

5 Presentations (selected since 2003)

Annual ENIRDEM Conference “Leading Schools with a Global Perspective”, Riga, LATVIA. Keynote speech: **Schools and globalization.** 25.9.2003

Change Management in Higher Education – Implementation of Quality Assurance System, Zagreb, CROATIA. Keynote speech: **Role of higher education in education reforms.** 26.5.2004

International Conference on Curriculum Reforms, Istanbul, TURKEY. Keynote speech: **Change as learning: in search of better implementation.** 10.6.2005

International Convention of Principals (ICP 2005), Cape Town, SOUTH AFRICA. Keynote speech: **Education reform and economic competitiveness.** 13.7.2005

Public lecture and discussion on “Finding Common Ground: Becoming the Alberta we Want”, University of Calgary, CANADA. Keynote speech: **What education for the future?** 5.4.2006

American Education Research Association (AERA) Annual Meeting, San Francisco, USA. Symposium speaker: **Raising student achievement: The Finnish approach.** 11.4.2006

Finnish EU Presidency Conference on Education, Helsinki, FINLAND. Working forum presentation jointly with Professor Andy Hargreaves: **Building on the past, learning for the future.** 29.9.2006

European Conference on “At the Sources of Knowledge”, Helsinki, FINLAND. Keynote speech: **Economic competitiveness through basic education.** 29.9.2006

Third World Bank ECA Education Conference, St. Petersburg, RUSSIA. Presentation: **Strategies for raising quality of learning.** 6.10.2006

- European School Heads Association (ESHA) 2006 Conference, Rome, ITALY. Keynote speech: **Beyond autonomy and accountability: Differing strategies to raising student achievement.** 2.11.2006
- Conference on Leadership for Sustainable Innovation: The 3rd International Summit and iNet Conference for Leadership in Education, Boston College, Boston, USA. Distinguished speaker presentation: **Are you thinking of improving student achievement - Horse-race for standards or pedagogical conservatism?** 3.11.2006
- International Symposium on “Changing teaching profession in the knowledge society”, National Institute for Education Policy Research, United Nations University, Tokyo, JAPAN. Keynote speech: **Building a learning nation: Finland’s response to the knowledge society challenge.** 16.12.2006
- Sixth International Knowledge Economy Forum, Cambridge, ENGLAND. Panel presentation: **Competitiveness, knowledge and education reform.** 16.4.2007
- National Conference on Education Vision, Yerevan, ARMENIA. Keynote presentation: **Knowledge economy, competitiveness and education.** 11.6.2007
- Seminário Internacional sobre Ensino Médio Diversificado (National Confederation of the Commerce Seminar on Diversification on Secondary Education), Brasilia, BRAZIL. Keynote: **Secondary education trends in OECD countries.** 17.9.2007
- Scottish Learning Festival, Glasgow, SCOTLAND. Keynote: **Common futures, different pasts - global solutions to curriculum challenge.** 20.9.2007
- The Association of Headteachers’ Annual Conference, Keflavik, ICELAND. Keynote: **Educational change to improve student learning.** 12.10.2007
- Conference on Current issues of the regional education systems development, Hanty-Manskiysk Autonomous Okrug, RUSSIAN FEDERATION. Keynote: **Education policies as drivers of raising quality: The Finland model.** 20.10.2007
- Embassy of Finland Seminar on "How to improve quality of education", Budapest, HUNGARY. Keynote: **Policies for raising quality of education.** 25.10.2007
- Conference on Quality of Education, Ministry of Education, Ramallah, PALESTINIAN AUTHORITY. Keynote: **Educational leadership and school improvement?** 16.12.2007
- EDUCA 2008 Fair, Helsinki, FINLAND. Keynote speech: **Rehtori tulevaisuuden tekijana ja muutostiedon ammattilaisena** (School principal as future-maker and change knowledge professional). 25.1.2008
- Conference on Leadership in Educational Accountability, Alberta Teachers Association, Edmonton, CANADA. Keynote speech: **Real learning first: Accountability in a knowledge society** 19.4.2008
- Educational Reform Symposium, University of Wisconsin, Madison, USA. Keynote speech: **Finnish Education Reform: Can it work in Wisconsin?** 21.4.2008
- Ministry of Education/Embassy of Finland, Pretoria, SOUTH AFRICA. Seminar on Quality and Efficiency of Education. Keynote speech: **Policies to raise quality of education: Global trends and alternatives.** 5.6.2008
- Grasping the Future Conference, OECD/National Board of Education, Helsinki, FINLAND. Keynote speech: **Learning first: Educational change and future of schooling.** 3.10.2008
- The AISI Colloquium, Ministry of Education, Alberta, CANADA. Keynote: **I have a dream: School improvement for enriching communities.** 21.10.2008
- Seminar of Quality Education, Embassy of Finland, Kiev, UKRAINE. Keynote: **Making education system work: Key conditions and some remarks.** 20.11.2008

- Joy of Learning Conference, University of Helsinki, Helsinki, FINLAND. Keynote: **Education and global sustainability: How do we understand competitiveness?** 15.12.2008
- International Conference on European Qualifications Frameworks, European Commission, Brussels, BELGIUM. **Invited conference conclusions.** 30.1.2009
- Real Learning First Tour, Alberta, CANADA. **14 keynote presentations, seminar talks and public discussions** around the province. 17.2. – 5.3.2009
- The Caucasus Adult Education Think Tank, Telavi, GEORGIA. Keynote: **Creativity and innovation for lifelong learning.** 7.9.2009
- Kansallinen yhtenäiskouluseminaari, Oulu, FINLAND. Keynote: **Building a school for tomorrow.** 11.9.2009
- Nordic-Baltic IB School Conference, Oulu, FINLAND. Keynote: **Teach them to be wrong, too!** 26.9.2009
- Conference on Education, Tripoli, LIBYA. Keynote: **Building a good education system: Global trends, local solutions.** 18.10.2009
- Scottish Educational Research Association (SERA) Annual Conference, Perth, SCOTLAND. Annual SERA Lecture: **Improving education: The Finland Experience.** 26.11.2009

6 Key Publications

———— BOOKS, EDITED VOLUMES AND MONOGRAPHS —————

- Sahlberg, P. and Røj-Lindberg, Ann-Sofi (Eds.) 1989. *Arbetsmetoder i naturvetenskapliga ämnen.* [Teaching methods in science education] Helsingfors: Skolstyrelsen, (252 p.). In Swedish.
- Sahlberg, P. (Ed.) 1990. *Luonnontieteiden opetuksen työtapoja.* [Teaching methods in science education] Helsinki: Valtion painatuskeskus, (247 p.). In Finnish.
- Halinen, I., Hänninen, L., Joki, J., Leino, J., Näätänen, M., Pehkonen, E., Pehkonen, L., Sahlberg, P., Sainio, E., Seppälä, R. & Strang, T. 1991. *Peruskoulun matematiikan opetuksen kehityssuunnista 1990-luvulla.* Helsinki: Valtion painatuskeskus, (68 p.). In Finnish.
- Sahlberg, P., Meisalo, V., Lavonen, J. and Kolari, M. (Eds.) 1993. *Luova ongelmanratkaisu koulussa.* [Creative problem-solving in school] Helsinki: Valtion painatuskeskus, (171 p.). In Finnish.
- Sahlberg, P. and Leppilampi, A. 1994. *Yksinään vai yhteisvoimin. Yhdessäoppimisen mahdollisuuksia etsimässä.* [Alone or together: In search of possibilities of cooperative learning] Vantaa: Helsingin yliopiston Vantaan täydennyskoulutuslaitos, (188 p.). In Finnish.
- Berry, J. and Sahlberg, P. 1995. *Matematiikka elämään.* [Mathematics lives!] Helsinki: WSOY, (135 p.). In Finnish.
- Sahlberg, P. 1996. *Kuka auttaisi opettajaa. Post-moderni näkökulma opetuksen muutokseen yhden kehittämisprojektin valossa.* [Who would help a teacher – postmodern perspective on change in light of one school improvement project]. Jyväskylä: Jyväskylä Studies in Education, Psychology and Social Research 119, (255 p.). Academic doctoral dissertation in Finnish with English summary.
- Sahlberg, P. 1997. *Opettajana koulun muutoksessa.* [Teacher in a changing school] Helsinki: WSOY, (252 p.). In Finnish.
- Sahlberg, P. and Leppilampi, A. 1998. *Samarbetsinläring.* [Cooperative learning] Stockholm: Runa förlag, (192 p.). In Swedish.
- Sahlberg, P. 1999. *Building bridges for learning. Recognition and value of non-formal education in youth activity.* Brussels: European Youth Forum, (36 p.).

- Sahlberg, P. 2001. Kansalaisjärjestöt ja oppilaitokset yhdessä oppimisen siltojen rakentajina. [NGOs and education institutions in collaboration for student learning]. Helsinki: Nuorten Akatemia, (60 p.). In Finnish.
- Sahlberg, P. and Sharan, S. (Eds.) 2002. Yhteistoiminnallisen oppimisen käsikirja. [Handbook of Cooperative Learning] Helsinki: WSOY, (411 p.). In Finnish.
- Kokkala, H. and Sahlberg, P. (Eds.) 2002. Maailman koulut 2015. Koulutus kehityksen avaimena. [The schools of the world 2015. Education as a key to development]. Jyväskylä: PS-kustannus, (208 p.). In Finnish.
- Sahlberg, P. and Berry, J. 2003. Small group learning in school mathematics. Teachers' and pupils' ideas about groupwork in school. Turku: Finnish Educational Research Association. (162 p.)
- Berry, J. and Sahlberg, P. 2004. Aktiiva macisanas skolas matematika. [Active learning in school mathematics] Riga: Rigas Skolotaju Izglitibas Centra, (88 p.). In Latvian.
- Sahlberg, P. and Leppilampi, A. 2004. Samarbejde om læring - en introduktion til cooperative learning. [Cooperation in learning – introduction to cooperative learning] Kobenhavn: Akademisk forlag, (191 p.). In Danish.
- Aho, E., Pitkänen, K. and Sahlberg, P. 2006. Policy development and reform principles of basic and secondary education in Finland since 1968. Washington, DC: World Bank, (170 p.).
- Chakroun, B. and Sahlberg, P. (Eds.) 2008. Policy learning in action. ETF Yearbook 2008. Brussels: European Training Foundation, (140 p.).
- Hargreaves, A., Crocker, R., Davis, B., McEwen, L., Sahlberg, P., Shirley, D. & Sumara, D. 2009. The learning mosaic: A multiple perspectives review of the Alberta Initiative for School Improvement. Edmonton: Alberta Education, (170 p.).
- Sahlberg, P. (Ed.) 2010. Education for sustainability, change and social gain. *Special Issue of European Journal of Education*, 44(2).

— ARTICLES IN JOURNALS AND REFERENCES WITH REFEREE SYSTEM —

- Sahlberg, P. 1996. Yksinään ja yhteisvoimin. [Alone or together] *Kasvatus*, 27(1), 51-61.
- Berry, J and Sahlberg, P. 1996. Investigating pupils' ideas of learning. *Journal of Learning and Instruction*, 1(6), 19-36.
- Sahlberg, P. 1999. Who would help a teacher: Teacher in a changing school. *The School Field*, 1(9), 33-51.
- Sahlberg, P. 2001. From non-formal education to lifelong learning. *Journal of Lifelong Learning in Europe*, 1(6), 48-54.
- Sahlberg, P. and Berry, J. 2002. One and one is sometimes three on small group mathematics learning. *Asia Pacific Journal of Education*, 1(22), 82-94.
- Sahlberg, P. 2003. Educational change. In J. Guthrie (Ed.) *Encyclopedia of Education* (2nd edition). New York: Macmillan Reference.
- Sahlberg, P. 2004. Teaching and globalization. *International Research Journal of Managing Global Transitions*, 2(1), 65-83.
- Sahlberg, P. 2004. Koulun vaikuttavuus ja hyvyys. [School effectiveness and goodness] *Kasvatus*, 35(5), 516-529.
- Sahlberg, P. 2006. Education reform for raising economic competitiveness. *Journal of Educational Change*, 7(4), 259-287.
- Berry, J. and Sahlberg, P. 2006. Accountability affects the use of small group learning in school mathematics. *Nordic Studies in Mathematics Education*, 11(1), 5 – 31.

- Sahlberg, P. 2006. Subiendo el listón: ¿Como responde Finlandia al doble reto de la educación secundaria? *Profesorado*, 10(1), 1-26. (Also in English: Raising the bar: How Finland responds to the twin challenge of secondary education?)
- Sahlberg, P. 2007. Education policies for raising student learning: The Finnish approach. *Journal of Education Policy*, 22(2), 173-197.
- Tuominen, H. and Sahlberg, P. 2007. Ammatillisen kehityksen merkitys opettajien jaksamisessa. [In-service training as a tonic] *Aikuiskasvatus*, 1-2007, 15-24.
- Sahlberg, P. 2008. Tough choices or tough times. *Journal of Educational Change*, 9(2), 85-89.
- Väljjarvi, J. and Sahlberg, P. 2008. Should 'failing' students repeat a grade? *Journal of Educational Change*, 9(4), 385-389.
- Sahlberg, P. 2009. Creativity and innovation through lifelong learning. *Journal of Lifelong Learning in Europe*, 14(1), 53-60.
- Sahlberg, P. and Boce, E. 2010. Are teachers teaching for a knowledge society? *Teachers and Teaching. Theory and Practice*. 16(1), 31-48.
- Sahlberg, P. 2010. Rethinking accountability for a knowledge society. *Journal of Educational Change*. 11(1), 45-61.
- Sahlberg, P. 2010. Educational change in Finland. In A. Hargreaves, A. Lieberman, M. Fullan and D. Hopkins (Eds.) *Second International Handbook of Educational Change*. New York: Springer, Chapter 19.
- Sahlberg, P. 2010. Hope of cooperative learning: Intentional talk in Albanian secondary school classrooms. *Journal of Intercultural Education*. Accepted.
- Sahlberg, P. 2010. Paradoxes of improving education: The Finland experience. Scottish Educational Review. Accepted.

—— RELEVANT ARTICLES IN PERIODICALS, BOOKS AND PROCEEDINGS ——

- Sahlberg, P. 1987. What can we do with trigonometry? In K. Kautschitsch und W. Metzler (Eds.) *Median zur Veranschaulichung von Mathematik*. Wien: Hölder – Pichler-Temsky, pp. 232-238.
- Sahlberg, P. 1989b. The Teaching Methods Project and the teachers' guides in the FINISTE Network. In: V. Meisalo and H. Kuitunen (Eds.) *Innovations in science and technology education. Second Nordic Conference on Science and Technology Education. Information Bulletin 2/1989*. Helsinki: National Board of Education.
- Sahlberg, P. 1989c. Video films in geometry teaching. In E. Pehkonen (Ed.) *Geometry teaching – Geometrieunterricht. Conference on Teaching Geometry*. University of Helsinki: Department of Teacher Education, 74, pp. 259-64.
- Sahlberg, P. 1990. FINISTE-tietoverkko ja opettajien koulutus [FINISTE-network and teacher education]. In M. Ahtee, M. Erätuuli ja V. Meisalo (Eds.) *Opettajankoulutus ja koulun uudet tuulet [Teacher education and the new winds in schools]*. Department of Teacher Education, University of Helsinki. Research Reports 82, s. 133-141.
- Sahlberg, P. 1991. Current trends on the Finnish Network for Information in Science and Technology Education. In D. Jorde (Ed.) *Third Nordic Conference on Science and Technology Education: "Science and environment"*. Oslo: University of Oslo.
- Kuitunen, H. & Sahlberg, P. 1992. FINISTE - tieto verkossa [FINISTE – knowledge in network]. In S. Tella (Ed.) *Joustava ja laaja-alainen opettaja*. Department of Teacher Education, University of Helsinki. Research Reports 100, pp. 265-274.
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7 Other Activities in Society

Columnist in *Opettaja*-magazine since 2004. (Weekly magazine published by Teachers' Union in Finland that is distributed to all teachers, members of the Parliament and state education authorities, c. 120 000 copies).

Promoting education and learning to parents, communities and youth through speeches, newspapers and other media.

Charity work to assist poor elementary schools.