

# CURRICULUM VITAE OF MAIJA AKSELA

## 1. CURRENT POSITIONS

- Professor, Research Director, Chemistry Teacher Education Unit, University of Helsinki, Department of Chemistry, Dec 2008-
- Director of the LUMA (STEM) Centre Finland, Jan 2014-
- Director of the LUMA (STEM) Centre of University of Helsinki, Faculty of Science, Jan 2010-
- Director of the National Chemistry Education Centre, Kemma, University of Helsinki, Department of Chemistry, 2004-
- Director of ChemistryLab Gadolin, University of Helsinki, Department of Chemistry, 2008-

## 2. EDUCATION AND DEGREES

- Nov 2005. Ph.D., Chemistry: Chemistry Education, University of Helsinki, Department of Chemistry
- 1995-1999. Education studies, University of Helsinki, Department of Applied Sciences of Education (59 credit units, ov, sivulaudatur in Finnish)
- Jan 1990. Phil. Lic, Organic Chemistry, University of Oulu, Department of Chemistry, Finland
- Oct 1986. M.Sc., Chemistry: Chemistry Teacher Education Program, University of Oulu, Department of Chemistry, Finland (\*competence to teach chemistry in high school and in adult education)

## 3. PREVIOUS PROFESSIONAL APPOINTMENTS

- Jan 2014-Dec 2009. Coordinator, LUMA Centre, University of Helsinki
- Aug 2001-Nov 2008. Senior Lecturer, Chemistry Teacher Education Unit, University of Helsinki, Department of Chemistry
- Aug 1999-Jul 2001. Research Fellow, Centre for Research and Development in Pedagogy of Mathematical Sciences, Department of Teacher Education, University of Helsinki, Finland (Research grant from Neste Oy Foundation)
- Aug 1997-Jul 1999. Lecturer in Chemistry and Physics Didactics, Department of Teacher Education, University of Helsinki, Finland
- Aug 1988-Jul 1991. Visiting Research Fellow, Simon Fraser University, Dept. of Chemistry, B.C., Canada (Grants from Finnish Culture Foundation, Neste Oy Foundation, and Kemira Oy Foundation)
- Since 1997. In-Service Trainer for Chemistry Teachers and Elementary Teachers, University of Helsinki, Finland

## 4. SOME CONFIDENTIAL POSTS

- Finland's representative of Thematic working group on math, science and technology, European Commission, 2010-13
- Finland's representative of the ALLEA (ALL European Academies) working group on Science Education, 2010-
- The head of LUMA (STEM) Finland programme funded by Ministry of Education, Finland (5 million euros), 2014-19
- The chair of national STEM teacher education forum in Finland, 2015-
- Member of national working group on the quality of math and science teacher education in Finland, 2015
- Member of national curriculum group, 2014-15
- Member of the Board of URSA Astronomical Accosiation, 2015
- Member of the Board of Directors, Research Foundation of the University of Helsinki, 2009-
- The Chair of National LUMA (STEM) Advisory board (2010-2013) and member 2014- -Editor-in-chief LUMAT Research and Practice in Math, Science and Technology Education, 2013-
- Member of the Studia Generalia Advisory Board, 2010-
- Chair of the scientific advisory board of the LUMAT, 2013-
- Chair of the Steering Group of international Millennium Youth Camp (MY Camp) and the leader of the Camp, 2010-15

## 5. SOME HONOURS AND AWARDS

Altogether 14 honours and awards, for example:

- 2013. Founding member of Teachers' Academy, University of Helsinki (see: [http://www.helsinki.fi/opettajienakatemia/eng/academy\\_members.html](http://www.helsinki.fi/opettajienakatemia/eng/academy_members.html))
- 2012. 1st University in Society Award for Finland's Science Education Centre, LUMA (the head of the Centre; see: <http://www.helsinki.fi/luma/english/award-impact> )
- 2011. A member of Finnish Academy of Technology (TTA)
- 2010. J. V. Snellman Prize, University of Helsinki (LUMA Centre)'
- 2009. The State Award for Public Information
- 2005. 1st Scientist of Year. The Finnish Union of Experts in Science.
- 1995. Teacher of Year in Mathematics and Science. The Finnish Association of Teachers of Mathematics, Physics, Chemistry and ICT (First time award was given to a chemistry teacher at senior high school in Finland)
- see all in details: <https://tuhat.halvi.helsinki.fi/portal/fi/activities/searchall.html?searchall=Maija%20Aksela>

## **6. PUBLICATIONS**

-Altogether 316 publication (9th of Jan, 2016):

-See in details:

<https://tuhat.halvi.helsinki.fi/portal/en/persons/maiija-aksela%28226699b4-458f-4e50-8ccc-5106726860df%29/publications.html>

## **7. CONTACT INFORMATION**

E-mail: [maiija.aksela@helsinki.fi](mailto:maiija.aksela@helsinki.fi)

Tel. +358-50-5141450