Curriculum vitae



**Full name and date**

* Name: Ari Myllyviita,
* Occupation: Lecturer of Chemistry and Mathematics
* Male

**Date and place of birth, nationality, current residence**

* Born: February 28, 1963; Finnish citizen; married, six children
* Finnish
* **Home address:** Metsänhoitajankatu 3 A 28, 00790 Helsinki
* **Campus Address:** Viikki Teacher Training School, University of Helsinki, P.O. Box 40, FIN-00014 UNIVERSITY OF HELSINKI, FINLAND, ari.myllyviita@helsinki.fi (e-mail)

**Education and degrees awarded**

* 2005, Master of Science (Chemistry Education), including teacher´s pedagogical studies (chemistry, mathematics), Principal Exam 2006
* Doctoral studies in pedagogy started in 2008 in Helsinki University, target is to create virtual (supported by social media tools) mentoring and peer supporting environment for novice (chemistry) teachers; including further pedagogical studies about contextual learning in ICT. Approach is DBR-style (design based research).
* 2003, Community educator, Bachelor`s Degree in Civic Activities and Youth Work
* 2003, ICT-trainer certificate (KWE, Knowledge Work Examination) – also ICT-trainer educator

**Other education**

* 2013, Process management course
* 2003, Adult education cources (20 credits)
* 2000-2001, Special course for NGO-leadership and management (20 credits)
* 1998, Quality management courses (ISO 9000)

**Employments**

* 2008-, Lecturer (chemistry and mathematics), Teacher Educator, Viikki Teacher Training School of Helsinki University. Supporting senior lecturer for principal in chemistry teaching from November 2013. Expertizes in chemistry are chemistry education, quantum chemistry, spectroscopy (IR and NMR) and molecular chemistry (atom and molecule orbitals, bonding) and in physics structure of atom
* Principal of the Helsinki Civic Institute, from October 2003 to October 2011, which is a local institute for nonformal adult education (NGO).
* 2007-2008 Development manager of KSL, KSL-Network, The People´s Cultural and Educational Association KSL, an educational producer of the KSL (from January 2004 to December 2006).

**Other educational activities**

* E-Book Writer, editable electronic learning materials (e-books) for high school chemistry, serie called Orbital. These are the first editable chemistry e-books in the world. Specialized to modern approach of science teaching, using widely ICT-technology and social media tools in learning and teaching as well in teacher education and mentoring. Founder of the social media network for Finnish chemistry teachers.
* National Project Coordinator (Finnish Teacher Training School network, eNorssi) from January 2010. ICT-based and social media development projects and teachers in-service and further education projects in ICT, mainly funded by National Board of Education and the Ministry of Education and Culture. Projects handle several dimensions of the use of ICT and social media. Total sum of funding applied and got for different projects over 1.600.000 euros in five years. Several (including leading) positions in committees or national networks as an ICT-expert in education.
* Active in the international research and development community for teacher education.
* Also active in international teacher education development projects. Has been active in international consulting, for example, involving the renewal of teacher education in South Africa, and has hosted and organized several teacher education in-service training courses for example for teacher from Taiwan, South Africa, Japan, USA, European countries.

**Teaching and development activities**

* I have prepared a large web-library (http://www.myllyviita.fi) where is different teaching tools and materials for chemistry education.
* I am mentor and supervisor of the network of chemistry teachers in Facebook group. Creator of wiki-group for chemistry teachers.
* I have developed and taught numerous courses during my twenty years in ICT and chemistry education and teacher education.

**Articles**

Lavonen, J., Henning, E., Loukomies, A., Petersen, N., Herholdt, R., Petker, G., Myllyviita, A., Naude, F. & Ragpot, L. (2016). Science Teacher Education for the Primary School in Finland and in South Africa. 24th annual Conference of the Southern African Association for Research in Mathematics, Science and Technology Education SAARMSTE 2016: Researching a sustainable environment and sustaining research in Mathematics, Science and Technology Education. Dludlu, M. (toim.). Pretoria, South Africa: Tshwane University of Technology, s. 205-210

Myllyviita, A. & Lavonen, J. (2014). Tieto- ja viestintätekniikka opettajankoulutuksessa. Opettajankoulutuksen tilannekatsaus: Tilannekatsaus marraskuu 2014 . Mahlamäki-Kultanen, S., Lauriala, A., Karjalainen, A., Rautiainen, A., Räkköläinen, M., Helin, E., Pohjonen, P. & Nyyssölä, K. (toim.). Helsinki: Opetushallitus, s. 116-125 10 Sivumäärä (Muistiot / Opetushallitus; nro 2014:4)

Muhonen, S. & Myllyviita, A. (2014). The joys and challenges of adopting new technologies in the work community - an educational perspective. Research-based school and teacher education: Publication of Finnish teacher training schools 2014. Juuso, H., Lindh, A., Hasari, M., Kumpulainen, K., Lapinoja, K-P., Pirilä, P., Raappana, S. & Tiainen, O. (toim.). Oulu: Oulu University Teacher Training School, s. 56-72

Muhonen, S. & Myllyviita, A. (2013). Uuden teknologian käyttöönoton ilot ja haasteet työyhteisössä – koulutuksen näkökulma. Normaalikoulujen julkaisu

Myllyviita, A. (2012). Finnish teacher training schools: behind good science teachers. Science Teacher Education. 2012 / February, 63, s. 39-48.

Myllyviita, A. & Aksela, M. (2009). Virtual mentoring for novice teachers. Lifelong Learning in Europe. 2009 / 14, 2, s. 106-110.

Myllyviita, A. & Lavonen, J. M. J. (2014) Opettajankoulutuksen tilannekatsaus: Tilannekatsaus marraskuu 2014 . Mahlamäki-Kuhanen, S., Lauriala, A., Karjalainen, A., Rautiainen, A., Räkkäläinen, M., Helin, E., Pohjanen, P. & Nyyssölä, K. (toim.). 1 toim. s. 116-125

**Other activities**

* Member of the executive board of Viikki Teacher Training School
* CEO, Advanced Education Experts Finland – teachers (from Viikki Teachers Training School of Helsinki University) own community for further education and training

**Contact info**

More about me and publications (and e-materials) from my own website [www.myllyviita.fi](http://www.myllyviita.fi) .

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