

Harjoitus tekee mestarin - harjoittelu maisterin? Kokemuksia uudentyyppisistä yliopisto-opintoihin integroiduista työelämäjaksoista

Translated title of the contribution: : Practice makes perfect?: Experiences from new kind on internships integrated into university studies

Pajarre, E., Palosaari-Aubry, P., Virkki-Hatakka, T., Hietaniemi, R., Tompuri, H. & Pajari, S., Feb 2019, In : Yliopistopedagogiikka. 26, 1, p. 42-45 4 p.

Research output: Contribution to journal › Article › Scientific

A Barrier framework for open e-learning in public administrations

Stoffregen, J., Pawlowski, J. M. & Pirkkalainen, H., 2015, In : Computers in Human Behavior. 51, B, p. 674-684 11 p.

Research output: Contribution to journal › Article › Scientific › peer-review

A decade of Finnish engineering education for sustainable development

Takala, A. & Korhonen-Yrjänheikki, K., 2019, In : INTERNATIONAL JOURNAL OF SUSTAINABILITY IN HIGHER EDUCATION. 20, 1, p. 170-186

Research output: Contribution to journal › Article › Scientific › peer-review

Ammatillisten opettajien näkemyksiä opettajan työssä tarvittavasta kompetenssista ja työelämäyhteistyöstä

Translated title of the contribution: : Vocational teachers' views on their professional competence and cooperation with working life Abstract

Lehtonen, E., Rintala, H., Pylväs, L. & Nokelainen, P., 19 Dec 2018, In : Ammattikasvatuksen aikakauskirja. 20, 4, p. 10-26 17 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Creating a National Digital Learning Environment for Enhancing University Teachers' Pedagogical Expertise – The Case UNIPS

Murtonen, M., Laato, S., Lipponen, E., Salmento, H., Vilppu, H., Maikkola, M., Vaskuri, P., Mäkinen, M., Naukkarinen, J., Virkki-Hatakka, T., Pajarre, E., Selänne, S. & Skaniakos, T., Dec 2019, In : International Journal of Learning, Teaching and Educational Research. 18, 13, p. 7-29 23 p., 13.

Research output: Contribution to journal › Article › Scientific › peer-review

Digital Storytelling for 21st -Century Skills in Virtual Learning Environments

Niemi, H., Harju, V., Vivitsou, M., Viitanen, K. & Multisilta, J., 2014, In : Creative Education. 5, p. 657-671 15 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Effects of progressive inquiry on cognitive and affective learning outcomes in adolescents' geography education

Kuisma, M. & Nokelainen, P., 30 Jul 2018, In : Frontline Learning Research. 6, 2, 19 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Examples of the Teaching of the Health Questions of Electric and Magnetic Fields at Tampere University of Technology in Finland

Korpinen, L. & Pääkkönen, R., 2015, In : Journal of Physical Science and Application. 5, 4, p. 277-282 6 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Female technology education teachers' experiences of Finnish craft education

Niiranen, S. & Hilmola, A., 2016, In : DESIGN AND TECHNOLOGY EDUCATION: AN INTERNATIONAL JOURNAL. 21, 2, p. 41 48 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Government Workers' Stories about Professional Development in a Digitalized Working Life

Wallin, A., Pylväs, L. & Nokelainen, P., 2 Apr 2020, In : Vocations and Learning.

Research output: Contribution to journal › Article › Scientific › peer-review

How to facilitate freshmen learning and support their transition to a university study environment

Kangas, J., Rantanen, E. & Kettunen, L., 28 Jul 2016, In : European Journal of Engineering Education. p. 1-16 16 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Lokikirja oppimisen arviointimenetelmänä

Rättyä, K. & Juuti, T., 1 Sep 2019, (Accepted/In press) In : KASVATUS, SUOMEN KASVATUSTIETEELLINEN AIKAKAUSKIRJA.

Research output: Contribution to journal › Article › Scientific › peer-review

Neurofunctional plasticity in fraction learning: An fMRI training study

Wortha, S. M., Bloechle, J., Ninaus, M., Kiili, K., Lindstedt, A., Bahnmueller, J., Moeller, K. & Klein, E., 1 Dec 2020, In : Trends in Neuroscience and Education. 21, 15 p., 100141.

Research output: Contribution to journal › Article › Scientific › peer-review

Otos iloa – Lasten kokemuksia iloa tuottavasta oppimisympäristöstä

Translated title of the contribution: : Picture of Joy - Childrens' Experiences of Joyful Learning Environments
Huhtamäki, E., Holma, H., Nokelainen, P. & Kumpulainen, K., 2017, In : Kasvatus. 48, 4, p. 336-352

Research output: Contribution to journal › Article › Scientific › peer-review

Relationships among Civil Engineering Students' Approaches to Learning, Perceptions of the Teaching-Learning Environment, and Study Success

Salmisto, A., Postareff, L. & Nokelainen, P., 1 Oct 2017, In : Journal of Professional Issues in Engineering Education and Practice. 143, 4, 04017010.

Research output: Contribution to journal › Article › Scientific › peer-review

Standing and attractiveness of vocational education and training in Finland: focus on learning environments

Rintala, H. & Nokelainen, P., 2020, In : JOURNAL OF VOCATIONAL EDUCATION AND TRAINING.

Research output: Contribution to journal › Article › Scientific › peer-review

Supporting the development of students' technological understanding in craft and technology education via the learning-by-doing approach

Niiranen, S., 16 Sep 2019, In : International Journal of Technology and Design Education. p. 1-13

Research output: Contribution to journal › Article › Scientific › peer-review

Survey of health informatics education in Finland in 2017

Tolonen, J. & Värrä, A., 22 May 2017, In : Finnish Journal of eHealth and eWelfare. 9, 2-3, p. 217–231 15 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Teachers' perspectives on project-based learning in mathematics and science

Viro, E., Lehtonen, D., Joutsenlahti, J. & Tahvanainen, V., 2020, In : European Journal of Science and Mathematics Education. 8, 1, p. 12-31

Research output: Contribution to journal › Article › Scientific › peer-review

The concept of active learning and the measurement of learning outcomes: A review of research in engineering higher education

Hartikainen, S., Rintala, H., Pylväs, L. & Nokelainen, P., 19 Nov 2019, In : EDUCATION SCIENCES. 9, 4, 19 p., 276.

Research output: Contribution to journal › Article › Scientific › peer-review

The StarT Project Competition from the Perspective of Mathematics and Academic Literacy

Viro, E. & Joutsenlahti, J., 4 May 2018, In : EDUCATION SCIENCES. 8, 2

Research output: Contribution to journal › Article › Scientific › peer-review

Understanding and promoting students' well-being and performance in university studies

Asikainen, H., Kaipainen, K. & Katajavuori, N., 2019, In : Journal of University Teaching and Learning Practice. 16, 5, 2.

Research output: Contribution to journal › Article › Scientific › peer-review

Urbanisoitua yliopistokampus informaalin oppimisen mahdollistajana

Translated title of the contribution: : The urbanizing university campus in enabling informal learning

Rajaniemi, J., Häkli, J., Rauhala, K. & Sumkin, H., 27 Mar 2018, In : Aikuiskasvatus. 2018, 1, p. 18-29 12 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Vocational Education and Learners' Experienced Workplace Curriculum

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Research output: Contribution to journal › Article › Scientific › peer-review

WorldSkills achievers' and their co-workers' and employers' perceptions of vocational expertise and school-to-work pathways

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Research output: Contribution to journal › Article › Scientific › peer-review

Pelataan suomalainen koulu kukoistukseen

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Research output: Contribution to journal › Article › Professional

Vesihuollon koulutus ja tutkimus lähemmäksi rakennettua ympäristöä

Translated title of the contribution: : Water services education and research closer to the built environment

Katko, T. S., Aug 2019, In : *Vesitalous*. 60, 4, p. 24-25 2 p.

Research output: Contribution to journal › Article › Professional

Yhteiset osaamistavoitteet Tampereen korkeakoulu yhteisön tutkinnoissa – mitä ne ovat ja miten niiden saavuttamista tuetaan opetussuunnitelmatyössä?

Translated title of the contribution: : Common learning objectives in degrees in Tampere universities - what are they and how are they supported to be recognized in curriculum work?

Pajarre, E., Kivimäki, S. & Selänne, S., 30 Sep 2019, In : *EPOOKI*. 58

Research output: Contribution to journal › Article › Professional

Guiding the workplace learning in vocational education and training: A literature review

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Research output: Contribution to journal › Review Article › Scientific › peer-review

Katsaus oppisopimuskoulutukseen instituutiona Saksassa, Englannissa ja Suomessa

Translated title of the contribution: : Review of international research on apprenticeship training

Rintala, H., Nokelainen, P. & Pylväs, L., 2017, In : *Kasvatus*. 48, 2, p. 128-140

Research output: Contribution to journal › Review Article › Scientific › peer-review

Ammatillisen koulutuksen uudistus: uhka ja mahdollisuus

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Research output: Contribution to journal › Editorial › Scientific

Huomio! Obs! Alert! "Työelämä on globaalissa murroksessa ..."

Nokelainen, P., 2016, In : *Ammattikasvatuksen aikakauskirja*. 18, 2, p. 4-8

Research output: Contribution to journal › Editorial › Scientific

Kohti itseohjautuvaa oppimista ammatillisessa koulutuksessa

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Research output: Contribution to journal › Editorial › Scientific

Pääkirjoitus

Translated title of the contribution: : Editorial

Nokelainen, P., 2016, In : *Ammattikasvatuksen aikakauskirja*. 18, 1, p. 4-6

Research output: Contribution to journal › Editorial › Scientific

Toimijuus ja ammatillinen kasvu

Niiranen, S. & Nokelainen, P., 22 Mar 2020, In : *Ammattikasvatuksen aikakauskirja*. 22, 1, p. 4-7 4 p.
Research output: Contribution to journal › Editorial › Scientific

Media ja yhteisölliset sovellukset

Multisilta, J., 2014, *Ikäteknologia*. Leikas, J. (ed.). (Vanhustyön keskusliiton tutkimuksia; no. 2).
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

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Collaborative Writing and Knowledge Creation in a Social Media Online Community

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Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

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Epilogue: What are Innovations in the Finnish Educational Ecosystem

Niemi, H., Multisilta, J., Lipponen, L. & Vivitsou, M., 2014, *Finnish Innovations and Technologies in Schools: A Guide towards New Ecosystems of Learning*. Niemi, H., Multisilta, J., Lipponen, L. & Vivitsou, M. (eds.). Rotterdam: Sense Publishers, p. 165-169 5 p.
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Gender and technology education

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Informal workplace learning: Turning the workplace into a learning site

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Leikilliset oppimateriaalit innostavat oppimaan

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Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Leikkien mutta tosissaan: Leikillä iloa oppimisympäristöön

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Miten suomalainen koulu valmistaa tulevaisuuteen?

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Process Safety Competence of Vocational Students

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Prologue: Towards a Global Ecosystem

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Self-regulation and competence in work-based learning

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Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Students' experiences of Workplaces as Learning Environments in Vocational Education and Training in Finland

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Teacher perceptions of teaching CLIL courses

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Videot nuorten maailmassa ja digitaalinen tarinankerronta

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Matematiikan oppimisen tukeminen teknillisessä yliopistokoulutuksessa

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Adapting the New ACRL Framework to IL Education at Tampere University of Technology

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A teacher? A mentor? A friend? - Teacher mentoring experience at Tampere University of Technology

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Content and Language Integration as a part of a degree reform at Tampere University of Technology

Niemelä, N. & Jauni, H., 2014, *HEPCLIL, Higher Education Perspectives on CLIL, University of Vic - Central University of Catalonia, VIC, 27 and 28 March 2014*. p. 39-53 15 p.

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From systematic design process towards teaching product designer's toolkit

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How is it sustainable? Identifying key indicators for sustainable educational design

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How to develop a new innovation education tool: case of impact canvas

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

I feel great - university students affective experiences on learning and teaching

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Integrating mobile orienteering to team forming activity in a software engineering course

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Internal and external stakeholders' impact on product development curriculum design

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Language Learning in Task Management and Task Accomplishment In Higher Education Perspectives on Content and Language Integrated Learning

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Lifelong learning with a digital math game: Performance and basic experience differences across age

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MYSTERY SHOPPERS RECOGNISING KNOWLEDGE SHARING BARRIERS IN HIGHER EDUCATION

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On Actor-Network Theory and Learning Ecosystems based on Mobile Social Media

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Practice makes perfect! Developing internship process in Finnish universities

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