

16.9.2025

Author

WALLIN, Anna (NOKELAINEN, Petri; MIKKONEN, Susanna)

Title

How experienced professionals develop their expertise in work-based higher education : a literature review / Anna Wallin ; Petri Nokelainen, Susanna Mikkonen

Publication year

2019

Source/Footnote

In: Higher education. - 77 (2019) 2, S. 359 - 378

Inventory number

47902

Keywords

Ausland : Finnland : Studenten, Studium, Lehre ; Studentenschaft : Studienverhalten

Abstract

This study explores how industry-university partnerships contribute to the expertise development of highly experienced professionals, and what kind of challenges such development entails. We used an integrative approach to review literature and acquire a deeper understanding of how previous research has described the development of expertise in work-based postgraduate higher education. Consistent with earlier research, this review confirms that expertise is developed through transforming and integrating theoretical, practical and self-regulative knowledge. Results suggest that (1) learners should be supported but also allowed to self-manage their learning in order to build agency and self-regulative skills, (2) continuous problem solving with ill-defined, non-routine problems should be encouraged along with challenges that trigger learning, (3) learners' personal transformation processes and change of identity should be supported, and (4) expertise development should be viewed as an ongoing, context-dependent and individualised process. (HRK / Abstract übernommen)

Nokkelainen, Petri, E-Mail: petri.nokkelainen@tut.fi