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**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)

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