

SYM-14Abstract Number: **20236****Constructing Professional Development System to Strengthen Self-Directed Teaching Competences of Teachers in South Korea**Hyugkyu Lee, *Cheongju National University of Education*Youngtaek Shim, *Cheongju National University of Education*Yun-kyoung Park, *Cheongju National University of Education*

Educational Research Institute at CNUE is one of the most active research centers on lesson study and teacher professional development in South Korea. We have been doing 9 years of research project on PDS, funded by the National Research Foundation of Korea. We will be sharing our 9-year research experience briefly. After then, three researches we have been doing recently will be introduced.

1. Class Innovation in South Korea: which Direction is it heading towards?

Starting from around the 2000s, Efforts for class improvement are shifting towards aiming at changing school culture, or forming teachers' professional learning communities, instead of simply trying to improve teaching and learning methods in South Korea. The purpose of this study is to survey and analyze how Korean teachers perceive and prospect the class changes under the current situation. First, the definition of class innovation is stipulated and on this basis, the overall trend of class innovation is examined. Second, based on questionnaire survey, the paper analyzes how Korean teachers perceive class innovation and how such innovation is practiced in real terms. Sample survey was conducted targeting teachers affiliated to a total of 441 schools. Items of the survey, consisting of 5 likert scale, are 'recognition of class reality', 'necessity for class innovation', 'direction of class innovation', 'efforts for class innovation and the influence of movements', 'class innovation barriers', 'institutional support for class innovation', 'prospects of class innovation' and 'change in school culture'.

2. How to Improve Teachers' Curriculum Literacy: Development of the PLC

In this study, we will propose the 'Curriculum Literacy Training Protocol' for elementary and secondary school teachers, and discuss its implications and limitations as a way to improve the teachers' curriculum literacy. The curriculum literacy training protocol developed in this study consists of two stages. The first stage is an introductory. The purpose of the first-step protocol is to help elementary and secondary school teachers understand the meaning of the curriculum reorganization and the problems in practice and the importance of curriculum literacy. The second stage is full-scale practice of the curriculum reorganization. The goal of the second-step protocol is to help teachers experience the curriculum reorganization process based on the curriculum literacy. The total training protocol consists of 11 sub-protocols.

3. Inquiring into Pedagogical and Policy Implication for Establishing PLC(PDS) Networks

The purpose of this study is to explore the environment, function, role, and meaning of PLC(PDS) network. We had selected two domestic cases and one overseas case and had analysis natures of education

network's cases. Natures of education network are as follows. (A) Principles for the structure and maintenance of education network is interdependence, flow of resources and social support, the establishment of certain types of relationships for sustainable cooperation, the openness of structures, and the rules and systems for operation. (B) Components of education network: personal factor, organizational factor, environmental factors. (C) Activities of the education network: the exchange of human resources, a joint project, the exchange of information, and the exchange of material resources. (D) Role of the education network members: network managers, planners, coordinators, and participants. Implications of the research finding to Educational Network Building Activities are as follows. Educational institutions wishing to establish an inter-institutional network should be aware that they are likely to fail if the content, method, and orientation are not clear. In order for this type of network to be well structured and operational, the implementation of policies and theories must be linked in an organic circulatory loop. Depending on the level of activity, different levels of expertise are used to assign different roles to the member