A Framework for Convergence Learning

R.P.H. Chang

Northwestern University

Convergence technologies are fast moving and complex, designed in response to systems-based challenges. Thus educational institutions will need to transform themselves fundamentally to incorporate a new convergent culture that unites all fields while providing personalized instruction to meet the individual needs, as those needs evolve over the lifetime. For example, our behaviors are influenced by history, geography, cultural and aesthetic values, as well as by legal systems, economic and environmental conditions. We will also require an understanding of how businesses, governments, and communities operate and are motivated to effect change. Thus, convergence learning derives its characteristics from all these components. This talk introduces a four-dimensional framework for developing a convergence culture in education: knowledge-intensive; systems-based; fast paced; collaborative; and global in extend. Tested examples will be given to illustrate each dimension.