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Professor Tak-Wai Chan  
Center for Science and Technology for Learning  
National Central University  
Chungli, Taiwan, 320

Dear Tak-Wai,

I am pleased to be asked to write a letter in support of your proposal to the *Program for Post Promoting University Academic Excellence* entitled: *Design and Experimentations on Digital Classroom Learning Scenarios—contributing to G1:1—a global network of collaborating researchers and test-beds.*

It was exciting to read about your plans, which relate in a fundamental way to my own research on 1:1 computer learning using advanced technological systems in a mobile-learning framework. I share your view of this era as a golden age of new studies, science, and theories of learning once learning transactions are able to be captured and data-mined for creating new powerful learning technologies, assessments, and curriculum activities. The heart of this work now involved creating digital classroom learning scenarios that deal gracefully with the transitions in the boundaries between physical contexts (home, classroom, outdoors) and purposive contexts (intentional learning, play, peer networks, implicit learning). I know from your work with EduCities that your team has the capacity to develop important visions for new learning environments and to deliver them in

technical systems and broad scholarly contributions to the literature for global impact, so I have strong expectations for the promise of your new proposed work that breaks through the classroom boundaries. The issues you define in the proposal are well-conceptualized and should provide a fertile pathway of investigation. It will be of special importance to understand how these scenarios and new technologies provide transformational changes in learning and education, and not only making more efficient existing practices. You have defined some of the parameters to make these new investigation vital ones (e.g., social and affective enrichment, cognitive enrichment, seamless access).

With this letter of support, I'd like to express my interest in advancing our collaboration in defining research problems, literatures, methodologies, and studies for the mobile learning frontiers work that we have been discussing. The success of your proposal would be vital to our ability to continue such collaborations, especially relating to doing empirical or theoretical work and writing together. I find exchanging research approaches, results, and critically appraising evolving products with you to be a very valuable and mutually beneficial activity. I also see great promise, if funding is provided, in the prospect of reciprocal graduate student exchange and co-advisement.

Sincerely yours,



Roy D. Pea, D.Phil., Oxon.

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