

Prof Nelson Cue



This learning and teaching innovation is the development of a wireless class feedback system, called the Personal Response System (PRS), which enables active learning in lectures. While other class feedback systems do exist, none have the reliability, flexibility, portability and scalability of Prof Cue's PRS system. In developing this system, Prof Cue has made active learning available to the masses.

Prof Cue's recommended way of using the system in class involves two stages. First, students choose answers to concept questions and assign confidence levels to their choices. This is followed by immediate feedback to the class on the distribution of the class responses. Second, students are asked to confer for a few minutes with one or two peers sitting next to them in order to persuade them of the correctness of their answer. Students can then change their choice and/or their confidence level and again class feedback can be provided immediately. The teacher can then go on to investigate the various reasons for any misconceptions. In this way, the PRS system uses technology to lever a number of important areas of effective learning: prompt feedback, active learning, cooperation among students and peer learning. The power of this system is its simplicity of use, coupled with its impact on these multiple branches of effective learning.



This patented system is not only being used extensively at HKUST and at other tertiary and secondary institutions in Hong Kong, but is also being used at overseas institutions in North America and Europe.

