

## Abstract

This study explored the relationship between three variables locus of control, computer anxiety and Internet attitude of secondary schools teachers in Hong Kong. Present study also examined which factors are contributed to the prediction of behavior about using IT and Internet. 115 secondary school teachers, completed a survey about the personal background ( frequency of using IT , Internet ), locus of control, computer anxiety and Internet attitude. Results indicated that no gender and age differences among three variables, and there were significant correlations between three variables. Regressions models showed that Internet optimism and computer confidence were significant factors in predicting the frequency of using information technology ( IT). Besides, computer confidence was also a significant factor in prediction of time spend on using Internet while computer anxiety was contributed to predict frequency of using IT on class.