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Abstract

Investment in higher education facilities in terms of both hardware and software has witnessed significant growth on a yearly basis since the reintroduction of the college entrance examination known as the NMT in 1977. However, a social assessment of graduates' qualities seems to indicate that the improvement in skill levels and graduates' general qualities has failed to keep pace with the growth in investment. As a bridge to relate college environment to student gains in learning, student self-determined involvement in educational activities plays an important role in analyzing the educational effects of colleges. Based on a conducted through the survey of Chinese College Student Experience Questionnaire, with data collected from 647 valid respondents, universities can observe and evaluate the levels and quality of students' involvement in the educational process. The students' involvement of educational activities can be investigated through data analysis, employing statistical methods of a structural equation model. In observing student involvement in the educational system, it becomes apparent that the students' capacity for building on and playing a key role in the

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improvement of the quality of education they receive is largely controlled by their involvement activities in the learning process. In addition, both of the college environment and student motivation have a combined and significant effect on student involvement behaviors. Student involvement can be divided into three gradual but distinct levels (controlled, identified and integrated involvement) in accordance with the varying degrees of internalization. Student involvement will exponentially magnify the positive effects on student gains when colleges invest in new and additional resources, particularly when students become more deeply involved in the educational environment. In addition, when colleges make a concentrated effort to recognize the importance of student involvement, and they encourage and incentivise students to become involved, the college itself will benefit greatly from the improved university environment. This combination of mutually beneficial activity, therefore, represents a virtuous circle of promotion between college and students. (HRK / Abstract übernommen) Liu, Hongzhe, E-Mail: liuhongzhe@tju.edu.cn