

## **Research Abstract No.103**

### **Development of Academic Leadership Competency Model for Faculty Members in Public, Private, and Public Autonomous Universities**

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The objectives of this descriptive research were to develop a competency model for academic leadership competency of university faculties; and to compare paths and effect sizes among latent variables in causal model of university faculty's academic leadership in 3 groups, which were public, private, and public autonomous universities. Total sample group comprised 638 faculty members from 17 universities. Variables consisted of 5 latent variables and 15 observable variables. Research instrument in this study was 6-level valuation questionnaires, totaling 127 questions. Preliminary data analysis was performed by using SPSS for Windows 11.0, together with testing for consistency of causal model with LISREL 8.3 application software. Data analysis showed that all 4 aspects of competency: teaching, research, academic service, and promotion of Thai arts & culture, had direct and indirect effects through academic service competency on academic leadership of university faculties. According to this, the hypothesized academic leadership causal model was consistent with opinions of faculties in all 3 sample groups at the very good criteria level. This causal model could explain variance in academic leadership of faculty in public, private, and public autonomous universities at 69.0%, 83.0% and 85.0% respectively. In addition, causal model was consistent with opinions of faculties in the sample group 3<sup>rd</sup> faculties in public autonomous universities, at the best criteria level, with values of chi-square = 25.50, P-value = 0.953, df = 39, GFI = 0.98, AGFI = 0.94, RMR = 0.017, and RMSEA = 0.000.