

# Modeling the Causal Relationships between Academic Buoyancy, Family Communication Patterns, Personal Best Goals, Academic Passion and Psychological Flourishing among Secondary School Students

## **Abstract**

The current research aimed at examining the structural model of causal relationships between academic buoyancy, family communication patterns, personal best goals, academic passion and psychological flourishing and exploring the direct and indirect effects between the variables of the research among secondary school students .In addition, it aimed at testing the mediating effect of psychological flourishing between model variables through structural equating modeling.

The participants of the pilot research consisted of (350) students, and the main research sample included (447) students of secondary school students. The researcher prepared five scales for academic buoyancy, family communication patterns, personal best goals, academic passion and psychological flourishing. In addition, the researcher examined the psychometric properties of the five scales, and then analyzed data using many parametric statistical techniques such as Pearson correlation, confirmatory factor analysis, structural equating modeling (SEM) and bootstrapping test for testing the significance of direct and indirect effects.

The research results indicated that there are statistically significant correlations between research variables. In addition, by modifying the structural

model using modification indices, it provided a good fit to study data according to fit indices using the program of Amos (21). Moreover, the research results indicated that there are statistically significant direct and indirect effects between the variables of the study in academic buoyancy. Also, there is a statistically significant direct positive effect of personal best goals in academic passion. In addition, there is a statistically significant direct positive effect of academic passion and family communication patterns in psychological flourishing. Also, there is a statistically significant direct positive effect of psychological flourishing in academic buoyancy. Moreover, there is a statistically significant indirect positive effect of each family communication patterns and personal best goals in academic buoyancy through mediating variable which is psychological flourishing. Finally, the results were discussed in light of previous studies and implications and future researches were recommended.

**Key Words:** Academic Buoyancy – Family Communication Patterns – Personal Best Goals – Academic Passion – Psychological Flourishing.