

Does a person-environment-fit promote the academic achievement of hearing-impaired students in Malaysian polytechnics? the mediating effects of satisfaction and adjustment

ABSTRACT

(1) This study investigates the influence of a person-environment-fit on academic achievement and examines mediating effects of adjustment and satisfaction on this relationship; (2) Methods: Data were collected from a sample of 195 hearing-impaired students from five polytechnics in Malaysia that offered the Special Skills Certificate program; (3) Results: Results revealed that the two constructs of the person-environment approach: personality-major fit and needs-supplies fit were positively associated with academic achievement. The adjustment was found to mediate this relationship. Taken together, these results signal that the person-environment constructs contribute to the academic achievement of hearing-impaired students and that adjustment is instrumental in elucidating this relationship; (4) Conclusions: The finding adds to the data, indicating that the person-environment-fit is a possible model of inclusion for hearing-impaired students and also provides initial data about the functioning of hearing-impaired students in Malaysian polytechnics.

Keyword: Person-environment-fit; Hearing-impaired students; Adjustment; Satisfaction; Academic achievement