

青少年友誼動態網絡與偏差行為發展
**The Impact of Dynamic Friendship Network on
Adolescent Deviant Behavior**

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The longitudinal social network data is very useful to capture the changing and instable nature of social relations among adolescents. Further, The long-term network dynamics on the adolescent's friendship network is essential to predict adolescent's behavioral development over time. This research is devoted to sketch out the process of Taiwan's senior high school students in a bounded classroom choosing to change their outgoing ties. Moreover, this study attempted to analyze the dynamic changes on adolescents' offending behaviors depending on the friendship network, investigating the role of selection effect and peer groups on adolescent developments. This study combines the actor-based model with the three waves of friendship network data and behavioral data, and adopts SIENA software program for a better understanding on the dynamic evolution of actors' behaviors.