Longitudinal design and data analysis

WORKSHOP SERIES 2015

Longitudinal data can be extremely powerful, but can be difficult (and expensive) to collect. In this workshop, I will describe our Flourishing Families study, a longitudinal study of adolescents and their parents, with the aim to discover why some families flourish and others do not. The study is currently in its 9th year of data collection, with over a 90% retention rate from year 1. I will discuss general longitudinal design and some secrets for increasing retention rate over time. Furthermore, I will describe a few smaller (and cheaper) longitudinal studies on children and media, that may be easier to collect. Finally, I will describe several analyses for examining longitudinal data, including growth curves, cross-lag panel models, and growth mixture models. If you are interested in longitudinal research, this workshop will provide you with some practical tips for designing, carrying out, and analyzing your study!

SPEAKER PROFILES

Dr. Sarah M. Coyne is an associate professor of human development in the School of Family Life at Brigham Young University. Her research interests involve media, aggression, gender, and child development. She has over 70 publications on these and other topics and is on the board of the International Society for Research on Aggression (ISRA) society and is currently serving as an associate editor for Aggressive Behavior. She has four young children and lives in Spanish Fork, Utah.

DETAILS

Date: Monday 13 July 2015
Time: 10:00am – 12:00pm
Venue: Macquarie University, Building X5B, Room 012
RSVP: Sally.Thompson@mq.edu.au

CAMPUS MAP

mq.edu.au/on_campus/maps/campus_map/