

Today's Agenda

- Introductions
- What are SCDs?
 - Rationale for use and the types of research questions we can answer
- Salient features of SCD
 - Quality standards
- Visual analysis of Graphs
 - Examples
- Overview of different types of SCDs

– Multiple probe, reversal designs, alternating treatment







- Is there a causal relationship between introduction of IV on DV?
- Is the intervention effective?
- Are there other interventions that are more effective?
- Are there parts of an intervention package that are more or less effective?
- Do outcomes of intervention maintain over time or generalize across different settings, people or materials?





Salient features of SCD

- Participants
 - The individual "case" or cluster of "cases"
 - Unit of intervention and data analysis
- Baseline
 - At least 5 data points within each phase
- Intervention
 - Staggered across different points in time
 - Manipulated across different phases
- Data Analysis- visual analysis on graph
 - Trends- increasing or decreasing slope
 - Level- mean for data within a phase
 - Variability- how much the data fluctuates

ECU:













































