***Schedule***

***Day 1: Definitions, Nonindependence, and Data***

*Lecture and Lab 9-12 and 1:15-3:30*

*Definitions*

*Introduction to R and Riggs Dataset*

*Nonindependence*

*Data Structures and Restructuring*

*Multilevel Modeling of Dyadic Data*

*Effects of Gender and Length of Marriage on Satisfaction*

*Introduction to the APIM*

*Late Afternoon Session 3:30-5:00*

*Homework (optional)*

*Restructure and Do Runs on One’s Own Data*

*Individual Meetings*

***Day 2: The Actor-Partner Interdependence Model***

*Lecture and Lab 9-12 and 1:15-3:30*

*Indistinguishable Dyads*

*Effects of Attachment Anxiety on Satisfaction*

*Distinguishable Dyads*

*Results Differing by Gender*

*Power Analyses*

*Test of Distinguishability*

*Testing for Patterns*

*Actor-Partner Interaction*

*APIM\_MM Dingy App*

*Late Afternoon Session 3:30-5:00*

*Homework (optional)*

*Do Runs on One’s Own Data*

*Individual Meetings*

***Day 3: Moderation and Mediation***

*Lecture and Lab 9-12 and 1:15-3:30*

*Moderation Introduction*

*Moderation in the APIM*

*Moderation Example*

*Attachment Avoidance Moderating the Effect of Attachment Anxiety on Satisfaction*

*Mediation Introduction*

*Mediation in the APIM*

*Mediation Example*

*Attachment Anxiety Mediating the Effect of Childhood Abuse on Satisfaction*

*APIMoM and APIMeM Apps*

*Late Afternoon Session 3:30-5:00*

*Homework (optional)*

*Do Runs on One’s Own Data*

*Individual Meetings*

***Day 4: Break-Out Sessions***

*Lecture and Lab 9-12 and 1:15-3:30*

*Introduction*

***Over-Time Models of Dyadic Data***

*Kashy Dataset*

*Growth Curve Models*

*Changes in Satisfaction over Time*

*Individual Growth Curve*

*Dyadic Growth Curves*

*Repeated Measures Analysis*

*Effect of Day and Gender on Satisfaction*

*Stability-Influence Model*

*Effect of Partner’s Satisfaction on Respondent’s Satisfaction*

*APIM Person-Centered*

***Structural Equation Modeling for Dyadic Data***

*Acitelli Dataset*

*Introduction to Structural Equation Modeling and lavaan*

*APIM with SEM*

*Model Fit*

*Confirmatory Factor Analysis*

*Mediation with SEM*

*The Common Fate Model*

*Late Afternoon Session 3:30-5:00*

*Homework (optional)*

*Do Runs on One’s Own Data*

*Individual Meetings*

***Day 5: Additional Topics***

*Lecture 9-12*

*Presentation and Doing Dyadic Data Analysis Right*

*DyadR*

*R: Advantages and Disadvantages*

*Multilevel versus SEM*

*Alternative Models and Estimation Methods*

*Alternative Dyadic Models*

*Generalized Linear Mixed Models*

*Generalized Estimating Equations (GEE)*

*Alternative Dyadic Designs*

*One-with-Many*

*Social Relations Model*

*GAPIM*

*Group Lunch 12-1:15*