

Thesis Phase Research Training: Florida

Advanced research designs: Experimental Studies in Social Sciences

Facilitators: Prof Kitty Dumont (CGS)

Ms Anja Vorster, Ms Nonhlanhla Khumalo (GYOT programme)

Dates: 3-4 June 2019

Venue: Gerwel Building 05-089

Description: Overview about the research process; distinction between observational and experimental research; the concept of causality; distinction among independent, dependent, covariate, moderator and mediator variables in experiments; from the simple experiment to a multi-factorial design experiment; manipulation and manipulation check in experimental research; manipulation strategies; sampling in experimental research; order and level of measurements; measurement instruments; statistical testing of experimental effects (overview about the most common statistical tests – from ANOVA to GLM and Structural Equation Modelling); how to design experiments (from the procedure to the results); how to report experiments.

Advanced research designs: Surveys in Social Sciences

Facilitators: Prof Kitty Dumont (CGS)

Ms Nonhlanhla Khumalo, Ms Nonhlanhla Masinga (GYOT programme)

Dates: 15-16 July 2019

Venue: Gerwel Building 05-089

Description: Overview about the research process; distinction between cross-sectional and longitudinal surveys; the concept of causality vs. correlation; distinction among independent, dependent, covariate, moderator and mediator variables in survey designs; questionnaire as research tool in surveys; order and level of measurements in surveys; sampling in surveys; statistical testing of relationships and group differences (overview about the most common statistical tests – from ANOVA via Regression Analysis to Multi-Level Analysis); how to design surveys (from the procedure to the results); how to report surveys.