Catalyst Large Database Analysis Research Workshop 2019

- Schedule -

Saturday September 14, 2019:

07:30 AM - 08:00 AM:	Registration
08:00 AM - 08:40 AM:	What large databases are: Focus on NIS
08:50 AM - 09:20 AM:	What large databases are: Focus on NEDS
09:30 AM - 10:10 AM:	ICD9- CM codes: The large databases building blocks
10:20 AM - 11:50 AM:	ICD10- CM codes
11:00 AM - 12:00 PM:	Statistical concepts: p-value
12:00 PM - 01:00 PM:	Lunch
01:00 PM - 01:30 PM:	*Hands on: STATA basics* *Types of data, importing/exporting data, do files, log files, etc…*
01:40 PM - 02:40 PM:	*Hands on: data management: drop, delete, create, do file,*
02:50 PM - 03:50 PM:	*Hands on: descriptive statistics*
04:00 PM - 05:00 PM:	*Hands on: Hypothesis testing and obtaining p values*
05:00 PM - 05:30 PM	*Hands on: Optional: additional exercises*

__Sunday September 15, 2019:__

08:00 AM - 08:30 AM:	Type of studies that can be conducted using large databases
08:40 AM - 09:20 AM:	Type of studies that cannot be conducted using large databases
09:30 AM - 10:10AM:	Univariate linear regression
10:20 AM - 10:50 AM:	Multivariate linear regression
11:00 AM - 11:30 AM:	Logistic regression (univariate and multivariate)
11:40 AM - 12:30 PM:	Principles of model building
12:30 PM - 01:30 PM:	Lunch
01:30 PM - 02:00 PM:	***Hands on:*** *Using linear regression in STATA*
02:10 PM - 02:40 PM:	***Hands on:*** *Using logistic regression in STATA*
02:50 PM - 04:20 PM:	***Hands on:*** *Published manuscript do file overview*
04:30 PM - 05:00 PM:	***Hands on:*** *How to buy, install, and merge NIS*
05:00 PM - 05:30 PM:	Closing comments, feedback, evaluation (required to earn CME credits)