Wright State University Statistical Consulting Center Presents:

SAS (Statistical Analysis System) is a software suite developed by SAS Institute for Advanced Analytics. The Statistical Consulting Center is offering a few hands-on tutorials using SAS version 9.4 for Windows. These tutorials are offered free-of-charge.

**SAS – Introductory Programming**

This 2 hour tutorial has no prerequisites and assumes no prior experience with SAS. Topics include:

- Creating, sorting data, and formatting data sets
- Writing output to a Word document
- Generating descriptive statistics
- Creating histograms, scatterplots, bar charts
- Paired t-test
- Correlations
- Reading data in from text documents & excel files
- Linear Regression
- “Do” loops
- Creating contingency tables
- Chi-square test, One-Way ANOVA, Tukey’s Studentized Range test

Dates and Times:

- May 5, 2017  10am-12pm and 2pm-4pm
- May 12, 2017  10am-12pm
- May 19, 2017  10am-12pm

**SAS – Multiple Linear Regression**

This 2 hour tutorial has no prerequisites and assumes some prior experience with SAS. Topics include:

- Checking Assumptions
- Cleaning and Exploring Data
- Creating Dummy Variables and Interactions
- Model Selection Techniques
- K-fold Cross Validation

Dates and Times:

- May 12, 2017  2pm-4pm
- June 2, 2017  10am-12pm

**SAS – Multiple Logistic Regression**

This 2 hour tutorial has no prerequisites and assumes some prior experience with SAS. Topics include:

- Formatting Data
- Descriptive Statistics and Frequencies
- Complete Separation
- ROC Curves
- K-fold Cross Validation

Dates and Times:

- May 19, 2017  2pm-4pm
- June 2, 2017  2pm-4pm

Registration is limited to 12 per class and is limited to faculty, staff, and grad students only (no undergrad students at this time). **You must be able to log into WINGS using your WSU Username and Password.** Please call the SCC and register today for one of these upcoming tutorials. All classes are held in 170 Math & Micro Bldg.

To register, or if you have questions, call: (937)775-4205 or email: jennifer.schmidt@wright.edu