**Cheat Sheet: Review of BRFSS Analytic Process**

1. Scientific Method (this course)
   1. Review literature and build at least a small library of evidence
   2. Review BRFSS documentation to understand nature of data available
   3. Define subpopulation, exposure, and outcome for analysis
   4. Formulate hypothesis
2. Operationalizing Analysis (previous course)
   1. Build data dictionary to document decisions
   2. Develop web of causation and select confounders
   3. Include confounding variables in data dictionary
   4. Define calculated variables and categorical variable levels in data dictionary
3. Developing Analytic Dataset (previous course)
   1. Read in correct data files
   2. Apply exclusions and keep documentation
   3. Generate calculated variables as planned in data dictionary
   4. Check generated variables and finalize analytic dataset
4. Conduct Regression Analysis (this course)
   1. Prepare for analysis by checking assumptions and distributions
   2. Prepare Table 1 – include univariate and bivariate analysis
   3. Develop Models 1 and 2
   4. Perform forward stepwise modeling process while keeping model documentation
   5. Conduct model comparisons if needed
   6. Select final model
   7. Develop presentation table for final model
5. Wrap-up (both courses)
   1. Complete and finalize meta-data
   2. Prepare to present results to appropriate forum