## Statistical Consulting Application Form

**Department of Statistics**

# University of Connecticut

***For Office Use Only:***

Date Received: \_\_\_2/10/2015\_\_\_\_\_ File Number: \_SCS15006\_\_\_

Date/Supervisor: \_Ming-Hui Chen\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hours: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date/Consultant: \_Dooti Roy\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hours: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date/Consultant: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hours: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Consulting Fee: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***For Applicant:***

Name: (Last/First) \_\_\_Mobley, Amy\_\_\_\_\_\_\_\_\_ Date: \_\_2/10/15\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Department: \_\_\_\_Nutritional Sciences\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mailing Address: \_\_3624 Horsebarn Hill Road Ext Unit 4017,

Telephone: Office: \_\_860-486-5073\_\_\_\_\_\_ Home: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fax: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E-mail: \_\_amy.mobley@uconn.edu\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Which is the best way to contact you? E-mail: \_\_x\_\_\_ Office: \_\_\_\_\_ Home: \_\_\_\_\_

\_x\_\_ Faculty \_\_\_ Staff \_\_\_ Ph.D. Student \_\_\_ M.S. Student \_\_\_ Undergrad \_\_\_ Other

(Specify Other): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If Student, Major Advisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Major Advisor campus mailing address (U-Box #): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

List statistics courses taken and statistical computing experience (optional):

\_\_biostatistics,\_\_SPSS,\_\_\_SAS(not since 2006)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Stage of Research:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Design (no data collected yet)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Presently collecting data

\_\_\_\_\_\_\_\_\_\_\_\_\_\_x\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Analysis (all data has been collected)

If design state is complete, was a statistician consulted for design? \_\_\_study was cross sectional but involved multiple states (4 total); sample size is ~430\_

If so, give name(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Expected completion date of project: \_\_spring semester\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Estimated number of consulting hours needed this semester: \_\_\_\_\_10-12\_\_

The results of this research will probably be published as (check all that apply):

\_\_\_ M.S. thesis \_\_\_ P.H. Dissertation \_\_\_ Tech Report \_x\_\_ Journal Article \_\_\_ Other

University of Connecticut FRS Number if applicable\_\_\_N/A/\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is this research supported by a grant or contract? \_\_\_No\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If so, give details:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Give a brief description of your problem including the following:

Purpose:

\_To determine the mediators that play a role in the relationship of family mealtimes and healthy behaviors\_(and between family meals and child body mass index)\_within a larger scope model\_\_

Description of variables to be measured:

\_mealtime routines, parental feeding style, economic strain, family sense of coherence, child eating behaviors, healthy behaviors, child body mass index\_(BMI)\_\_\_\_\_\_\_\_\_

Covariates: child gender, child age, parent BMI, parent marital status, parent employment, parent education, parent race/ethnicity

Research questions that you want to address using statistical methods:

\_What variables play a role in the relationship between family meals and healthy behaviors? And, if applicable: What variables play a role in the relationship between family meals and child body mass index?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Statistical issues:

I may need to conduct SEM or use path analysis and I have not used these techniques before. I will need assistance in setting up the analysis, advice on the appropriate and most user friendly software program to use and then running the analysis and interpreting the results\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Statistical software issues:

I am unsure what program I will need to run analysis--SPSS AMOS, SAS PROC CALIS, or MPLUS and, unsure what is available at UConn

If there are papers about previous studies of a similar nature, which might aid us in helping you, please attach copies.

Amy R. Mobley, 2/10/15

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature/Applicant/Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Major Advisor/Research Sponsor

(Signature required if you are a student.)