Appendix A - Workshop Schedule

Daily Meal Schedule (All meals are included with your registration fee, and will be in Peirce Hall Dining Room, with the exception of Wednesday evening.)

- 7:30 - 8:30 Breakfast
- 11:45 - 1:15 Lunch
- 5:00 - 6:00 Dinner, except on Wednesday evening

Curricular Schedule (All sessions will be in Hayes Hall)

- Hayes Hall 311 - Computer Equipped Classroom
- Hayes Hall 109 - Regular Classroom

Sunday, July 15

3:00 - 5:00 Check in at Taft Cottages (A)

6:00 – 7:30 Opening Reception/Welcome

Monday, July 16 - Day 1

8:30 - 10:00  Session 1 – Review of normal linear regression through an example
10:00 - 10:15  Break
10:15 - 11:45  Session 2 – Regression with indicator functions; Introduction to Minitab and R
11:45 - 1:15  Lunch in Peirce Hall
1:15 - 2:45  Session 3 – Connections between regression and ANOVA models
2:45 - 3:00  Break
3:00 - 4:30  Session 4 – Minitab and R: Some basics and LAB work / Develop a Regression/ANOVA lesson plan to share with other participants (work in pairs)
Tuesday, July 17 - Day 2

8:30 - 10:00  Session 5 – Logistic regression, examples with a single and multiple predictors
10:00 - 10:15  Break
10:15 - 11:45  Session 6 – Evaluating, checking, and comparing logistic models; Logistic modeling with Minitab and R software
11:45 - 1:15  Lunch in Peirce Hall
1:15 - 2:45  Session 7 – Introduction to loglinear models for count data
2:45 - 3:00  Break
3:00 - 4:30  Session 8 – Presentations by participants; LAB work with Minitab and R / Develop a logistic regression activity or lesson to share with other participants (work in pairs)

Wednesday, July 18 - Day 3

8:30 - 10:00  Session 9 – Building loglinear models for contingency tables
10:00 - 10:15  Break
10:15 - 11:45  Session 10 – Model checking for loglinear models
11:45 - 1:15  Lunch in Peirce Hall
1:15 - 2:45  Session 11 – Loglinear modeling with Minitab and R software
2:45 - 3:00  Break
3:00 - 4:30  Session 12 – Presentations by participants / Develop a loglinear modeling activity or lesson to share with other participants (work in pairs)
6:00 - 8:00  Picnic outside Hayes Hall

Thursday, July 19 - Day 4

8:30 - 10:00  Session 13 – Introduction to survival modeling
10:00 - 10:15  Break
10:15 - 11:45  Session 14 – Building and checking survival models
11:45 - 1:15  Lunch in Peirce Hall
1:15 - 2:45  Session 15 – Survival modeling software in R and Minitab
2:45 - 3:00 Break
3:00 - 4:30 Session 16 – Presentation by participants / Develop a survival modeling activity or lesson to share with other participants (work in pairs)

Friday, July 20 - Day 5

8:30 - 10:00 Session 17 – Introduction to multilevel regression models
10:00 - 10:15 Break
10:15 - 11:45 Session 18 – Examples of multilevel models for logistic data; Fitting multilevel models with R and WinBUGS software
11:45 - 1:15 Lunch in Peirce Hall
1:00 - 2:15 Session 19 – Presentation by participants / Post workshop activities / Evaluations
2:30 - 3:30 Check out at Taft Cottages (A); keys must be returned.