STUDENT INFORMATION FORM

**127:234 (GENE:6234)**

**Basic Biostatistical Methods with Genetics Applications**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Program/Department: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lab Affiliation (if any): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Credit or Audit: \_\_\_\_\_\_

Please describe your previous exposure to statistics, if any:

Please describe your goals in taking this course:

Are there any particular topics you would like to see covered?

Please describe any research projects in which you will be involved this academic year:

***Please also answer the questions and fill out the grid on the reverse side. Thank you!***

***Please consider the following list of statistical procedures, and put a check in the appropriate box below if you have ever …***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **STATISTICAL**  **PROCEDURE** | **Heard of this**  **procedure** | **Know how to**  **interpret it** | **Actually**  **performed it** | **Seen it used**  **in your group** |
| Box Plot |  |  |  |  |
| Chi-Square (χ2) Test of Association |  |  |  |  |
| Fisher’s Exact Test |  |  |  |  |
| χ2Goodness of Fit Test |  |  |  |  |
| Armitage Test for Trend |  |  |  |  |
| Cochran-Manel-Haenszel Test |  |  |  |  |
| Ridit Analysis |  |  |  |  |
| Bonferroni Adjustment for Multiple Comparisons |  |  |  |  |
| Student’s T-Test for Two Independent Samples |  |  |  |  |
| T-Test for Paired Samples |  |  |  |  |
| One-Way Analysis of Variance (ANOVA) |  |  |  |  |
| Tukey Adjustment for Multiple Comparisons |  |  |  |  |
| Two-Way ANOVA |  |  |  |  |
| Wilcoxon Rank Sum Test |  |  |  |  |
| Wilcoxon Signed Rank Test |  |  |  |  |
| Mann-Whitney Test |  |  |  |  |
| Kruskal-Wallis Test |  |  |  |  |
| Linear Regression |  |  |  |  |
| R Language |  |  |  |  |
| Logistic Regression |  |  |  |  |
| Survival Analysis |  |  |  |  |
| Cox Regression Modeling |  |  |  |  |
| Pearson Correlation Coefficient |  |  |  |  |
| Spearman Correlation Coefficient |  |  |  |  |
| Intra-Class Correlation Coefficient |  |  |  |  |
| Kappa Statistic |  |  |  |  |
| Method of Maximum Likelihood |  |  |  |  |

If there are any specific statistical procedures not mentioned above that are used in your laboratory, please describe them below:

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

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

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