Initial Report

Last Modified: 08/21/2012

1. What three courses taken in the Statistics Department at FSU have been most useful in your career?

Text Response
Computational Statistics I, Computational Statistics II, Medical Imaging
Computation Statistics I-II, Survival Analysis, Logistic Regression
Stat apps 2,3, SAS Programming
experimental design, linear regression, logistic regression
Time Series and Forecasting, Computational Statistics, Statistics in Application
Application in Statistics, Statistical Reference, Linear Models
Applied Statistics, Logistic Regression, Statistical Inference
Statistical Application 1-3
Stat Apps II, Computational Statistics I,
SAS Data Analysis, Advanced SAS, Huffer's 2 classes
STA5168, STA5066, STA5072
Huffer Distribution, SAS based courses, Stat Apps 1 + 3
Time Series and Forecasting Methods, Distribution Theory and Inference, Statistics in Applications II
Limit Theory, Comp Stats 1&2, Linear Models, Applied Multivariate Analysis
Distribution Theory, Statistical Inference, Stat in App 1

Statistic	Value
Total Responses	15

2. What specific courses that were missing from your program would have been helpful in preparing for your career?

Text Response
None
Highdimensional data analysis, Random and mixed effects model, Bayesian analysis, Generalized models, Statistical genetics
Survey method
longitudinal data analysis
Quantitative Analysis - Using Statistics to make decisions
Random Forest, Decision trees
survival analysis
More real world application classes
More rigorous mathematical statistics
Applied Programming in Finance. Project based coursework on write-up/interpretations of modeling techniques.
Multivariate Analysis
Logistic Regression

Statistic	Value
Total Responses	12

3. What modifications or enhancements do you suggest for the courses you did take?

Text Response
None
Introducing the courses in line 2 with real life projects/examples
more data examples
More real life applications or case studies.
More real world application classes
Don't allow professors to continue to give the same/extremely similar exams every year. Don't give people who averaged below a 50 in exams passing grades.
More Modeling/Programming in Finance and Investment related courses
Statistics in Applications I or II should include exposure to SAS.
Require students to take more classes.
Change the Box, Hunter, Hunter book for the stat in app courses (if it is still being used) to a more current text

Statistic	Value
Total Responses	10

4. 1. How are you using your statistical training in your employment?

Text Response
Research and Teaching
Extensively !!!
I am using those programming skills from stat apps, and sas programming courses every single day.
a lot
Stat and App for Decision making process, Time Series and Forecasting to develop forecast models, Computational Statistics for model building
Model building
Logical thinking and data analysis
I'm only using SAS
Analyzing distributions and making inferences. Modeling time series data for investments. Using Logistic/Linear Regressions for modeling as well.
I use time series methods and regression analysis to perform economic forecasting.
First, as a model developer/validation and post model development surveillance. Second: as an instructor.
I am a genetic epidemiologist/statistical geneticist. I use applied statistics everyday (especially mixed models, variance components modeling, etc.) . Our field is cursed by multiple-testing on steroids (over 2.5 million SNPs tested with a sample size of less than 100,000)

Statistic	Value
Total Responses	12

5. Would you recommend enrollment in our Department to a friend interested in statistics?

#	Answer		Response	%
1	Yes		13	93%
2	No		1	7%
	Total		14	100%

Statistic	Value
Min Value	1
Max Value	2
Mean	1.07
Variance	0.07
Standard Deviation	0.27
Total Responses	14

6. What new statistical skills have you learned in your employment?

Text Response
None
Practical projects, statistical genetics and working with high dimensional data sets.
Survey method
data mining skills
SAS EG, SAS High Performance Forecasting, Six Sigma Methodology
treenet-decision trees; validation methods
None
None
I have learned about economic forecasting using REMI.
post model development surveillance
Linkage and genome-wide association analysis (which just use variance components and mixed models).

Statistic	Value
Total Responses	11

7. Have you developed or invented new statistical methods or theory since leaving FSU?

Text Response
No
Not yet
no
no
Used in building Economic Indices for work. For research - published some of the work in Journal of Computational Economics.
no
No
None
No, I do not have an academic job.
No
No, I have just been trying to get caught up in my new specialty

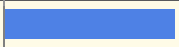
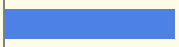
Statistic	Value
Total Responses	11

8. Do you know that you can update your alumni information on our website at http://stat.fsu.edu/people/AlumniUpdateForm.php

#	Answer		Response	%
1	Yes		6	50%
2	No, but I do now		6	50%
	Total		12	100%

Statistic	Value
Min Value	1
Max Value	2
Mean	1.50
Variance	0.27
Standard Deviation	0.52
Total Responses	12

9. Which graduate degree did you receive from our department?

#	Answer		Response	%
1	MS		5	36%
2	PhD		4	29%
3	Both		5	36%
	Total		14	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	2.00
Variance	0.77
Standard Deviation	0.88
Total Responses	14