Pharmacometrics Course Schedule - Spring 2009

Week No	Date	Topic	Lecturer
1	12-Jan	Introduction: Definitions and historical review	Barrett
	14-Jan	PK Concepts and mathematical framework	Barrett
2	19-Jan	PK/PD Concepts and examples	Barrett
	21-Jan	Statistical Methods 1	Barrett
3	26-Jan	Statistical Methods 2	Barrett
	28-Jan	PK/PD modeling and case studies	Barrett
4	2-Feb	Population-based Approach	Gastonguay
	4-Feb	Algorithm Options - NONMEM Application	Gastonguay
5	9-Feb	Population PK/PD Model Building	Gastonguay
	11-Feb	Population PK/PD Covariate Analysis 1	Gastonguay
6	16-Feb	Population PK/PD Covariate Analysis 2	Gastonguay
	18-Feb	Model Evaluation	Gastonguay
7	23-Feb	Simulation 1	Fossler
	25-Feb	Simulation 2	Fossler
8	1-Mar	Review	Barrett
	3-Mar	EXAM 1	Barrett
9	8-Mar	Clinical Trial Simulation 1	Fossler
	10-Mar	Clinical Trial Simulation 2	Fossler
10	15-Mar	TS2 Application	Fossler
	17-Mar	Trial Simulation with NONMEM / SAS	Fossler
11	22-Mar	Disease Progression Modeling 1	Gastonguay
	24-Mar	Disease Progression Modeling 2	Gastonguay
12	29-Mar	Application: Pediatric Example 1	Zuppa
	31-Mar	Application: Pediatric Example 2	Zuppa

13	5-Apr	Application: Bioequivalence Example 1	Barrett
	7-Apr	Application: Bioequivalence Example 2	Barrett
14	12-Apr	Application: Renal Impariment Trial Example 1	Fossler
	14-Apr	Application: Renal Impariment Trial Example 2	Fossler
15	19-Apr	Application: Viral Dynamics Example 1	Barrett
	21-Apr	Application: Viral Dynamics Example 2	Barrett
16	26-Apr	Application: Disease Progression Example 1	Gastonguay
	28-Apr	Application: Disease Progression Example 2	Gastonguay
17	3-May	Regulatory Reporting	Gastonguay
	5-May	Publishing Pharmacometric Results	Barrett
18	10-May	Review	Barrett
	12-May	Final Exam	Barrett