Practical Applications of Sequence Analysis
MIC753
Class Schedule
Spring, 2001

Date			Lecture	Topic
Tu,	April	3	1	Introduction; Communications
Th,	April	5	2	Using Computers - UNIX
Tu,	April	10	3	Running GCG Programs; Text and Graphics SeqLab: XWindows interface
Th Tu	April	12 17	4	SeqWeb: Web interface Sequence Databases and other Data SeqStore: GCG Oracle-based data storage and access
Th,	April	19	5	Sequence Editing; Fragment Assembly
Tu,	April	24		Genbank Submission
			6	Mapping
Th,	April	26	7	Pattern Recognition
Tu,	May	1	8	Protein Analysis; Demo: "How to create a simple web page"
Th,	May	3	9	Sequence Comparison
Tu,	May	8	10	Database Searching
Th,	May	10	11	Multiple Sequence Analysis
Tu,	May	15	12	Prediction of Functional Motifs; Profile Analysis
Th,	May	17	**No Class**	
Mo	May	21	**Due Date Project 1 - Web-based Bioinformatic Solutions**	
Tu,	May	22	13	RNA Secondary Structure Prediction
Th,	May	24	14	Microarray Analysis
Tu,	May	29	**No Class**	
Th	May	31	15	Phylogenetic Analysis - Theory and Application
Tu	Jun	5	16	Genome Mapping, Sequencing, and Analysis
Mo	Jun	11	**Due Date Project 2 - Analysis of a gene family**	