

Date	Date	Topic	Speaker
		Introduction to Gene Expression Analysis and Basic	
8/27/2008	8/27/2008	Concepts of Molecular Biology	Saleet Jafri
9/3/2008	9/3/2008	Microarray Devices - I	Brandon Higgs
9/10/2008	9/10/2008	Microarray Devices - II	Chris Cheadle
9/17/2008	9/17/2008	Image Processing	Jason Kinser
9/24/2008	9/24/2008	Analysis of Differentially Expressed Genes - I	Jeff Solka
10/1/2008	10/1/2008	Normalization	James Diggans
10/8/2008	10/8/2008	Analysis of Differentially Expressed Genes - II	Chris Cheadle
10/10/2008	10/15/2008	Clustering and Classification - I	Jeff Solka
10/22/2008	10/22/2008	Clustering and Classification - II	Alan Berger
10/29/2008	10/29/2008	Dimensionality Reduction/Principal Components Analysis	Alan Berger
11/5/2008	11/5/2008	Visualization in Gene Expression Analysis 8-10pm	Dan Carr
11/12/2008	11/12/2008	Alternative Splicing	Jennifer Barb or Peter Munson
11/19/2008	11/19/2008	Case Studies - I	TBD
11/26/2008	11/26/2008	No Class Thanksgiving Break	
12/3/2008	12/3/2008	Case Studies - II	Kory Johnson & Grant Lab
12/10/2008	12/11/2008	Take Home Final Due at 7:30 pm	

Reading Assignments Given

Read Stekel Chpt. 1, 2, and 3

Read Stekel Chpt. 4

Read Stekel Chpt. 5

Read Stekel Chpt. 6

Read Stekel Chpt. 7

Read Stekel Chpt. 8

Read Stekel Chpt. 9

Read Stekel Chpt10

Read Stekel Chpt. 11