

Numbers Count! Workshop Schedule

University of Tennessee - Knoxville

May 29 - 31, 2009

http://www.bioquest.org/NumbersCount/utk_2009/index.php

Friday, May 29th

1:30 – 2:30	Welcome: How do you use data?
2:30 – 4:00	Using statistics for hypothesis testing with Excel
4:00 – 4:15	Break
4:15 – 6:30	Collecting Peapod Data
	Analyzing data with simulation
	Summary discussion

Saturday, May 30th

8:30 – 9:30.	Binomial Distribution
10:00 – 10:15	Break
10:15 – 11:45	Peapod Simulation vs. Peapod Data
11:45 - 1:15	Lunch and group discussion
	Data and mathematical analysis in our classroom
1:15 - 3:15	Introduction to modeling
	World Population
3:15 - 3:30	Break
3:30 - 5:00	Logistic growth with yeast data

Sunday, May 31st

8:30 – 10:00	Exploring online data
10:00 – 10:15	Break
10:15 – 11:45	The Siege of Athens: An introduction to blast and pairwise sequence alignments Dental specimen sequence data
11:45 – 12:15	Discussion: Data and the undergraduate curriculum