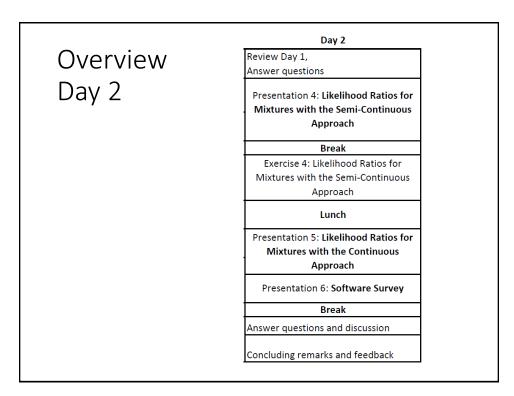
NEAFS Probabilistic DNA Mixture Interpretation Workshop Allentown, PA September 25-26, 2015 Introduction and Overview Simone Gittelson, Ph.D., <u>simone.gittelson@nist.gov</u> Michael Coble, Ph.D., <u>michael.coble@nist.gov</u>

Overview Day 1	Day 1	
	9:00-10:00 10:00-10:40	Introduction and overview
		Presentation 1: Probability Theory and Likelihood Ratios
		Exercise 1: Probability Theory and Likelihood Ratios
	10:40 - 11:00	Break
	11:00-12:00	Presentation 2: Likelihood Ratios for Single Contributor Profiles
	12:00-1:00	Lunch
	1:00-2:00	Exercise 2: Likelihood Ratios for Single Contributor Profiles
		Presentation 3: Likelihood Ratios
	2:00-2:40	for Mixtures with the Binary Approach
	2:40 - 3:00	Break
	3:00-4:00	Exercise 3: Likelihood Ratios for Mixtures with the Binary Approach





Polling test for clickers, What is your favorite color

- 1. Purple
- 2. Blue
- 3. Green
- 4. Orange
- 5. Red

What is your role in the laboratory?

- 1. Analyst in training
- 2. DNA analyst
- 3. Database analyst
- DNA technical leader
- 5. Other

Your Experience Level as a DNA Analyst

- 1. < 1 year (trainee)
- 2. 1<2 years
- 3. 2-5 years
- 4. 5-10 years
- 5. 10+ years



- 1. BS or BA
- 2. MS or MA
- 3. Ph D

How much DNA court testimony experience do you have?

- 1. Have not testified yet
- 2. 1 to 10 times
- 3. 11 to 25 times
- 4. 25 to 50 times
- 5. > 50 times

When answering questions:

- Answer based on what you think.
- Your response does not need to be consistent with your lab protocol or your role in the lab.
- Responses are anonymous.