Ohio Dairy Health and Management Certificate Program
Module # 6 – Udder Health and Mastitis Control
December 03-05, 2015

Hilton Garden Inn
3232 Olentangy River Road
Columbus, OH 43202

General objective: Increase the ability of veterinarians and consultants to identify and solve udder health problems on dairy farms with an emphasis on transition cow management and on-farm assessment of records.

Learning objectives:

- Identify risk factors that affect the mammary host defenses.
- Identify strategies for mastitis control.
- Be able to assess key areas of the milking machine system.
- Identify and assess on-farm records for udder health.
- Identify diagnostic tools that support decision-making.
- Identify key areas for effective training of milkers.

General requirements: electronic mail account and access to internet.

THURSDAY, December 03, 2015			
Time & Date	**Topic(s)**	**Speaker(s)**	**Meeting**
7:00-8:00 am	*Breakfast*		
8:00-8:10 am	Welcome	Dr. Gustavo M. Schuenemann	Hilton Garden Inn
8:10-9:00 am	Mammary gland and host defenses.	Dr. Erin Royster	
9:00-10:00 am	Detection and diagnostic tools.	Dr. Erin Royster	
10:00-10:30 am	*Break*		
10:30-12:00 pm	Case-based learning: On-farm assessment of SCC using records.	Dr. Erin Royster	
12:00-1:00 pm	*Lunch*		
1:00-2:00 pm	Pros and cons of robotic milking systems.	Dr. Rick Watters	Hilton Garden Inn
2:00-3:00 pm	Assessment of udder health with robotic milking.	Dr. Rick Watters	
3:00-3:30 pm	*Break*		
3:30-4:00 pm	Effect of milking routine practices on SCC and Staph *aureus*	Dr. Luciana da Costa	
4:00-5:00 pm	Training program for personnel: Milking routine and SCC management	Dr. Gustavo M. Schuenemann	
5:00-6:30 pm	*Dinner*		

FRIDAY, December 04, 2015			
Time & Date	**Topic(s)**	**Speaker(s)**	**Meeting**
7:00-8:00 am	*Breakfast*		
8:00-9:00 am	Managing the environment to minimize mastitis.	Dr. Pam Ruegg	Hilton Garden Inn
9:00-10:00 pm	Mastitis and milk quality in organic dairy herds.	Dr. Pam Ruegg	
10:00-10:30 am	Break		
10:30-12:00 pm	Mastitis treatments: Risks, realities and responsibilities.	Dr. Pam Ruegg	
12:00-1:00 pm	*Lunch*		
1:00-2:00 pm	Update on dry-off cow therapy.	Dr. Luciana da Costa	Hilton Garden Inn
2:00-3:00 pm	Cow management at dry-off: Effect of intermittent vs abrupt milk cessation on udder health and milk quality.	Paige Gott, PhD student	
3:00-3:30 pm	Break		
3:30-4:30 pm	Emerging mastitis pathogens.	Dr. Luciana da Costa	
4:30-6:30 pm	Milking machine analysis	Dr. Eric Gordon	
6:30 pm	*Dinner*		

SATURDAY, December 05, 2015			
Time & Date	**Topic(s)**	**Speaker(s)**	**Meeting**
7:00-8:00 am	*Breakfast*		
8:00-10:30 am	Farm visit: a walk through and hands-on assessment of the milking system	Dr. Eric Gordon	Dairy Farm
11:00 am	*Adjourn*		

Speakers	Address	Contact Information
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