

## **Ohio Dairy Health and Management Certificate Program**

Module # 9 – Dairy Record Analyses

February 02-03, 2017

Hilton Garden Inn  
3232 Olentangy River Road  
Columbus, OH 43202

General objective: The overall objectives are to review transition cow management concepts and approaches to assess dairy cattle records accounting for the effect of management (especially on nutritional-related diseases). It is important that you: 1) think critically about what kinds of questions to ask, (2) or what kind of data are available to you to help identify problem areas for an effective training program, and (3) provide an approach to problem-solving and consulting.

### Learning objectives:

- Identify resources and approaches to assess dairy cattle reproductive records.
- Identify resources and approaches to assess udder health and milk quality records.
- Identify metrics to assess the success of transition cow programs.
- Identify metrics to assess rumination and activity data using on-line monitoring systems.

General requirements: electronic mail account and access to Internet. Participants need to complete the “homework” assignment using dairy records: 1) reproduction performance, udder health and milk quality, or transition cow performance from your client’s herd (either conventional or organic farm).

**THURSDAY, February 02, 2017**

<b>Time &amp; Date</b>	<b>Topic(s)</b>	<b>Speaker(s)</b>	<b>Meeting</b>
7:00-8:00 am	<i>Breakfast</i>		
8:00-8:10 am	Welcome	Drs. Jeff D. Workman, Luciana da Costa, & Gustavo M. Schuenemann	Hilton Garden Inn
8:10-9:00 am	Metrics for reproductive record analyses of dairy herds – DC305	Dr. Julio Giordano, <i>Cornell University</i>	
9:00-10:00 am	Examples dairy herds and hands-on demonstration using DC305	Dr. Julio Giordano, <i>Cornell University</i>	
10:00-10:30 am	<i>Break</i>		
10:30-11:20 am	Rumination and activity monitoring systems ( SCR)	Dr. Julio Giordano, <i>Cornell University</i>	
11:20 –12:00 pm	Roundtable discussion		
12:00-1:00 pm	<i>Lunch</i>		
1:00-2:00 pm	Transition cow diseases and calf health: Benchmarking and evaluation	Dr. John R. Wenz, Washington State University	Hilton Garden Inn
2:00-3:00 pm	<u>Case-Study</u> : a hands-on approach to assess records	Dr. John R. Wenz, Washington State University	
3:00-3:30 pm	<i>Break</i>		
3:30-4:20 pm	<u>Case-Study</u> : a hands-on approach to assess records	Dr. John R. Wenz, Washington State University	
4:20-5:00 pm	<u>Case-Study</u> : a hands-on approach to assess records	Dr. John R. Wenz, Washington State University	
5:00-6:30 pm	Dinner		

**FRIDAY, February 03, 2017**

<b>Time &amp; Date</b>	<b>Topic(s)</b>	<b>Speaker(s)</b>	<b>Meeting</b>
7:00-8:00 am	<i>Breakfast</i>		
8:00-9:00 am	Dairy reproductive records: Benchmarking and evaluation (PCDART)	Dr. Ray Nebel, <i>Select Sires</i>	Hilton Garden Inn
9:00-10:00 pm	Activity monitoring systems: Dashboard and analytic data for cow health events (CowManager System)	Dr. Ray Nebel, <i>Select Sires</i>	
10:00-10:30 am	Break		
10:30-12:00 pm	Dashboard and analytical data for health and reproduction	Glaucio Lopes, AltaGenetics	
12:00-1:00 pm	<i>Lunch</i>		
1:00-3:00 pm	Overview of resources and tools available for remote data management	Dr. Luciana da Costa, <i>The Ohio State University</i>	Hilton Garden Inn
3:00-3:30 pm	Break		
3:30-4:30 pm	<u>Assignment</u> : 15 min group presentation on record analysis	Participants/group	
4:30-5:30 pm	<u>Assignment</u> : 15 min group presentation on record analysis	Participants/group	
5:30 pm	<i>Adjourn</i>		

Speakers	Address	Contact Information
<b>Ray Nebel, PhD</b> Senior Reproductive and Herd Management Specialist Select Sires, Inc.	Plain City, OH 43064	Ph: (614) 873-4683 <a href="mailto:rnebel@selectsires.com">rnebel@selectsires.com</a>
<b>Julio O. Giordano, DVM, MS, PhD</b> Assistant Professor, Department of Animal Sciences Cornell University	278 Morrison Hall Ithaca, NY 14853	Ph: (607) 255-0136 <a href="mailto:jog25@cornell.edu">jog25@cornell.edu</a>
<b>John R. Wenz, DVM, MS</b> Field Disease Investigation Unit Washington State University	Pullman, WA 99164	Ph: (509)-335-0773 <a href="mailto:jrwenz@vetmed.wsu.edu">jrwenz@vetmed.wsu.edu</a>
<b>Gustavo M. Schuenemann, DVM, MS, PhD</b> Associate Professor, Dairy Extension Veterinarian The Ohio State University	A100L Sisson Hall 1920 Coffey Road Columbus, OH 43210	Ph: (614) 292-6924 <a href="mailto:schuenemann.5@osu.edu">schuenemann.5@osu.edu</a>
<b>Luciana da Costa, DVM, PhD</b> Assistant Professor, Dairy Extension Veterinarian The Ohio State University	A100W, Sisson Hall 1920 Coffey Road Columbus, OH 43210	Ph: (614) 247-8145 <a href="mailto:da-costa.2@osu.edu">da-costa.2@osu.edu</a>
<b>Glaucio Lopes, DVM, MS</b> AltaU Manager Alta Genetics	Madison, WI	Ph: (608) 477-5352 <a href="mailto:glaucio.lopes@altagenetics.com">glaucio.lopes@altagenetics.com</a>