

**26<sup>th</sup> Annual National Egg Quality School**  
**Embassy Suites Downtown, Indianapolis, IN**  
**May 20 – 23, 2019**

**TENTATIVE**

**Monday, May 20**

- 8:30 a.m. REGISTRATION
- 9:00 a.m. Welcome to Indiana  
Bruce Kettler, Director  
Indiana State Department of Agriculture
- 9:15 a.m. ORIENTATION AND INTRODUCTION
- 9:30 a.m. LECTURE I  
“Eggs 101 Video” American Egg Board
- 9:45 a.m. LECTURE II  
“Formation of the Egg”  
Dr. Dianna Bourassa, Auburn University
- 10:15 a.m. BREAK
- 10:35 a.m. LECTURE III  
“Hen Housing – A Holistic Approach”  
Dr. Darrin Karcher, Purdue University
- 11:10 a.m. LECTURE IV  
“Egg Quality and Bird Health”  
Dr. Yuko Sato, Iowa State University
- 11:50 a.m. DIRECTOR’S LUNCH
- 12:50 p.m. BUZZ SESSION
- 1:10 p.m. LECTURE V  
“Hen Nutrition and Egg Quality”  
Dr. Darrin Karcher, Purdue University
- 1:50 p.m. LECTURE VI  
“Biosecurity and Egg Safety”  
Dr. Yuko Sato, Iowa State University
- 2:10 p.m. LECTURE VII  
“U.S. Standards for Egg Quality Factors”  
Jeff Hendricks, USDA AMS Livestock, Poultry & Seed Program

- 2:40 p.m. LABORATORY I  
“Exterior Egg Quality Determination - Laboratory”
- 3:40 p.m. BREAK
- 4:00 p.m. LECTURE VIII  
“FDA’s Egg Safety Rule”  
Dr. Gerardo A. Ramirez, FDA CFSAN
- 4:40 p.m. BUZZ SESSION, OPEN LAB AND REVIEW OF DAY  
**DINNER ON YOUR OWN**

**Tuesday, May 21**

- 8:00 a.m. LECTURE IX  
“Reducing Shell Damage”  
Dr. Paul Patterson, Penn State University
- 8:50 a.m. LECTURE X  
“Cleaning Eggs and Conserving Egg Quality”  
Dr. Kenneth Anderson, North Carolina State University
- 9:40 a.m. BREAK
- 10:00 a.m. LECTURE XI  
“Secure Poultry Supply”  
Dr. Carol Cardona, University of Minnesota
- 10:30 a.m. LECTURE XII  
“Promoting the Incredible Egg”  
Ms. Sofia Therios, American Egg Board
- 11:00 a.m. BUZZ SESSION
- 11:15 a.m. LECTURE XIII  
“The Nutritious Egg”  
Ms. Rachel Bassler, Egg Nutrition Center  
Ms. Kate Byers, Egg Nutrition Center
- 12:00 p.m. Make Your Own Omelet Lunch  
American Egg Board

- 1:10 p.m. LECTURE XIV  
“U.S. Standards for Egg Quality Interior Factors”  
Jeff Hendricks, USDA AMS Livestock, Poultry & Seed Program
- 1:40 p.m. LABORATORY II  
“Interior Quality Determination – Laboratory”
- 2:55 p.m. LECTURE XV  
“Egg Processing Plant Sanitation - SSOP’s and GMP’s”  
Dr. Christine Alvarado, Texas A&M University
- 3:35 p.m. BREAK
- 3:55 p.m. LECTURE XVI  
“Introduction to HACCP”  
Dr. Deana Jones, USDA ARS
- 4:20 p.m. LECTURE XVII  
“Overview- Current Egg Industry Issues”  
Mr. Oscar Garrison, United Egg Producers
- 5:00 p.m. BUZZ SESSION, OPEN LAB AND REVIEW OF DAY
- 6:30 p.m. GROUP DINNER - Egg Handler’s Romp

**Wednesday, May 22**

- 8:00 a.m. LECTURE XVIII  
“Pre-Harvest Food Safety Plan: Implementing Pest Monitoring and Control”  
Dr. Mike Darre, University of Connecticut
- 8:45 a.m. LECTURE XIX  
“Environmental and Egg Testing Procedures”  
Dr. Paul Patterson, Penn State University
- 9:30 a.m. BREAK
- 9:45 a.m. LECTURE XX  
“Combining all Quality Factors into Standards and Grades”  
Jeff Hendricks, USDA AMS Livestock, Poultry & Seed Program
- 10:15 a.m. LABORATORY III  
“Combining all Quality Factors into Standards and Grades - Laboratory”

- 11:30 a.m. LECTURE XXI  
 “Federal and State Labeling Requirements”  
 Jeff Hendricks, USDA AMS Livestock, Poultry & Seed Program  
 National Egg Regulatory Officials
- 12:00 p.m. GROUP LUNCH
- 1:00 p.m. LECTURE XXII  
 “Salmonella Control – What can Producers Do?”  
 Dr. Mike Darre, University of Connecticut
- 1:45 p.m. LECTURE XXIII  
 “Eggs and Foodborne Disease”  
 Dr. Harshavardha Thippareddi, University of Georgia
- 2:30 p.m. GROUP PICTURE AND BREAK
- 3:15 p.m. BUZZ SESSION
- 3:30 p.m. LECTURE XXIV  
 “Egg Products Inspection Act and Voluntary Grading Programs”  
 Jeff Hendricks, USDA AMS Livestock, Poultry & Seed Program
- 4:00 p.m. LECTURE XXV  
 “Dispelling Myths About Eggs”  
 Dr. Deana Jones, USDA ARS
- 4:30 p.m. BUZZ SESSION AND REVIEW OF DAY
- 5:00 p.m. SESSION OVER – Dinner on your own
- 7:00 p.m. REVIEW SESSION
- 8:00 p.m. SECTION STUDY  
 LABORATORY OPEN  
 FACULTY CONSULTATION

**Thursday, May 23**

8:00 a.m. WRITTEN AND PRACTICAL EXAM

**“STUDENTS MUST TAKE AND PASS THE EXAM AT THIS TIME TO EARN  
 A CERTIFICATE OF PROFICIENCY”**

NOON SCHOOL ENDS