30th Annual National Egg Quality School Park City, UT May 20-23, 2024

Monday, May 20

| 8:30 a.m. | REGISTRATION REGISTRATION |
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| 9:00 a.m. | Welcome to Utah Adell Young, Utah Department of Agriculture |
| 9:15 a.m. | ORIENTATION AND INTRODUCTION |
| 9:30 a.m. | LECTURE I "Eggs 101" 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 and Egg Quality" Dr. Mike Persia, Virginia Tech |
| 11:15 a.m. | LECTURE IV "Egg Quality and Bird Health" Dr. Carol Cardona, University of Minnesota |
| 12:00 p.m. | DIRECTOR'S LUNCH |
| 1:00 p.m. | BUZZ SESSION |
| 1:10 p.m. | LECTURE V "Hen Nutrition and Egg Quality" Dr. Mike Persia, Virginia Tech |
| 1:50 p.m. | LECTURE VI "Biosecurity and Egg Safety" Dr. Ken Koelkebeck, University of Illinois |
| 2:30 p.m. | LECTURE VII "Secure Poultry Supply" Dr. Carol Cardona, University of Minnesota |

3:05 p.m. LECTURE VIII "U.S. Standards for Egg Quality Factors" Jeff Hendricks, USDA AMS Livestock, Poultry & Seed Program 3:35 p.m. **BREAK** 3:50 p.m. LABORATORY I "Exterior Egg Quality Determination - Laboratory" 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 8:40 a.m. LECTURE X "Cleaning Eggs and Conserving Egg Quality"

9:30 a.m. BREAK

9:50 a.m. LECTURE XI

"Eggs and Foodborne Disease"

Dr. Pratina Adhikari, Mississippi State University

Dr. Kenneth Anderson, North Carolina State University

10:40 a.m. LECTURE XII

"Promoting the Incredible Egg"

American Egg Board

11:15 a.m. LECTURE XIII

"The Nutritious Egg"

Dr. Jen Houchins, Egg Nutrition Center

12:00 p.m. Make Your Own Omelet Lunch

RaChelle Hubsmith, Award Winning Home Chef

1:00 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"

2:40 p.m. LECTURE XV

"Egg Processing Plant Sanitation - SSOP's and GMP's"

Dr. Dianna Bourassa, Auburn University

3:30 p.m. BREAK

4:00 p.m. LECTURE XVI

"Introduction to HACCP"
Dr. Deana Jones, USDA ARS

4:30 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

"Salmonella Control – What can Producers Do?" Dr. Aaron Keiss, North Carolina State University

8:40 a.m. LECTURE XIX

"FDA's Egg Safety Rule"

Dr. Gerardo A. Ramirez, FDA CFSAN

9:30 a.m. BREAK

9:50 a.m. LECTURE XX

"Pre-Harvest Food Safety Plan: Implementing Pest Monitoring and Control"

Dr. Kenneth Anderson, North Carolina State University

10:30 a.m. LECTURE XXI

"Combining all Quality Factors into Standards and Grades"

Jeff Hendricks, USDA AMS Livestock, Poultry & Seed Program

11:00 a.m. LABORATORY III

"Combining all Quality Factors into Standards and Grades - Laboratory"

12:00 p.m. **GROUP LUNCH** 1:00 p.m. LECTURE XXII "Environmental and Egg Testing Procedures" Dr. Paul Patterson, Penn State University 1:45 p.m. LECTURE XXIII "Egg Products Inspection Act and Voluntary Grading Programs" Jeff Hendricks, USDA AMS Livestock, Poultry & Seed Program GROUP PICTURE AND BREAK 2:15 p.m. **BUZZ SESSION** 3:15 p.m. 3:30 p.m. LECTURE XXIV "Federal and State Labeling Requirements" Jeff Hendricks, USDA AMS Livestock, Poultry & Seed Program LECTURE XXV 4:00 p.m. "Dispelling Myths About Eggs" Dr. Deana Jones, USDA ARS 4:30 p.m. **EXAM REVIEW**

5:30 p.m. SESSION OVER – Dinner on your own

7:30 p.m. 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**