The Midwest Tradition
In 1890, The University of Wisconsin established the first dairy school in the United States. Since then the University of Wisconsin and University of Minnesota have trained over 15,000 students in various dairy manufacturing short courses. The University of Wisconsin and University of Minnesota house two of the premier dairy research centers in the United States. Both universities continue to serve as leaders in dairy manufacturing programs for the dairy industry.

Purpose
The Applied Dairy Chemistry Short Course is an intensive two-day course covering the chemistry of milk and milk products as they relate to specific dairy processing and control functions. It will provide a better understanding of the chemical and physical changes taking place during processing and storage of dairy products and how these may impact the overall quality. The course is designed for students that have had high school chemistry.

When
Check-in begins at 8:00 a.m. on Tuesday with classes beginning at 8:30 a.m. Classes begin at 8:00 a.m. on Wednesday. Each student should bring along the course confirmation receipt to the short course.

Where
Room 205 Babcock Hall, 1605 Linden Drive, University of Wisconsin-Madison campus.

Registration Fees
The fee of $350.00 covers the cost of instructional materials, lab supplies, speaker and staff expenses, dairy chemistry text, lunch (Tuesday) and registration for the two day short course. Lodging and other meals are not covered in the registration fee.

Instructional Materials
The Applied Dairy Chemistry Manual will be distributed to students on the first day of class. The manual contains outlines for each of the lectures, plus a copy of the reference, Applied Dairy Chemistry and Technology written by Prof. V.S. Packard of the University of Minnesota.

Lodging
Lodging is not included in the registration fee. Make your lodging reservation directly with the hotel/motel you select. As a convenience, a block of rooms has been reserved at a campus area hotel with cut-off date noted below after which rooms will be sold on a first-come basis. To qualify for the group rate, mention the appropriate group code as listed below.

DOUBLE TREE HOTEL, 525 West Johnson St. (608) 251-5511. Special rates: $149 single/double (plus 14.5% taxes; cut-off April 7, 2018). Group code: ADC

Sponsored by:
University of Wisconsin-Madison
Department of Food Science
College of Agricultural & Life Sciences
Wisconsin Center for Dairy Research
University of Minnesota, Department of Food Science & Nutrition, College of Agriculture
**Applied Dairy Chemistry Short Course**

**May 8-9, 2018**

**Instructors**

Dr. Shinya Ikeda, Assistant Professor  
Dept. of Food Science  
University of Wisconsin-Madison

Dr. Scott Rankin, Professor  
Dept. of Food Science  
University of Wisconsin-Madison

Dr. David Smith, Professor  
Dept. of Food Science and Nutrition  
University of Minnesota-St. Paul

Dr. Tonya Schoenfuss, Associate Professor  
Dept. of Food Science and Nutrition  
University of Minnesota-St. Paul

**Tuesday**

8:00  Registration  
8:30  Milk Composition  
9:30  Water, Acids, Bases  
10:45  Chemistry of Milkfat  
11:30  Properties of Milkfat  
12:15  Lunch  
1:00  Milkfat Flavors  
1:30  Milkfat Property Lab  
2:45  Chemistry and Properties of Lactose  
3:30  Milk Enzymes  
4:30  Adjoin

**Wednesday**

8:00  Milk Protein Chemistry  
9:00  Milk Protein Functionality  
9:45  Milk Protein Lab  
11:00  Physical Properties of Milk Products  
11:45  Minerals and Salts  
12:30  Distribution of Certificates/Adjoin

**Enrollment Form**

**Applied Dairy Chemistry Short Course**

**May 8 & 9, 2018**

Submit Enrollment Form for each registrant. Use separate Forms or copies for additional registrants.

Print clearly or type.

Name: ____________________________

Company: ________________________

Mailing Address:  
❑ Home  
❑ Business

Address: _____________________________________________

Street; Route & Box Number

City/State/Zip: ________________________________________

Telephone during day: (______)_______________________

Email: ____________________________________________

❑ $350 Two Day Short Course

Checks payable to UW-Madison.

Or register online at: dairyfoods.wisc.edu

Please charge to the following account:

AMEX  DSC  MC  Visa  Exp. date____

Credit Card Number _______________________

Name on Credit Card _______________________

Signature ________________________________

Mail to: CALS Conference Services  
640 Babcock Drive, Madison, WI 53706

Forms can also be faxed to us at (608) 262-5088

If payment is not received at least one week before the first day of the course, your registration will be cancelled.