



12th Annual Dairy Ingredients Symposium

San Francisco, CA
March 2-3, 2010

Program Schedule (subject to change)

Day 1 Tuesday, March 2, 2010

7: 00 a.m. **REGISTRATION** (Continental breakfast available)

8:00 a.m. **WELCOMING REMARKS**
Phil Tong, Cal Poly DPTC, and *Vikki Nicholson*, U.S. Dairy Export Council (USDEC)

8:15 a.m. **Keynote Address: GET REAL! Understanding Today's Economy and Tomorrow's New Future, Dr. Lowell Catlett**

9:05 a.m. **Session I Dairy Ingredients: Supply, Demand, Competition, and Market Opportunities**
Moderator: *Mary Higgins*, USDEC/Midwest Dairy Association

- Dairy Market Overview: *Mary Ledman*, Keough Ledman and Associates
- Global opportunities– supply/demand scenarios: *Alan Reed*, Dairy Management Inc.
- Macro consumer trends and consumer insights: *Christopher Shanahan*, Frost & Sullivan
- Panel Q&A on changes that need to happen in the industry

10:20 a.m. **BREAK & POSTERS**

10:45 a.m. **Session II William C. Haines Dairy Science Award and Lecture**
Moderator: *Joe O'Donnell*, California Dairy Research Foundation

A Molecular Basis for the Structure-Function Relationships of Casein:
Harold Farrell, USDA – ERRC (retired)

11:45 a.m. **LUNCH (provided)**

1:00 p.m. **Session III New Tools and Understanding of Dairy Ingredients – Part I**
Moderator: *Rafael Jimenez*, Cal Poly DPTC

1:05 p.m. Maximizing the functional properties of dairy proteins in beverage applications:
E. Allen Foegeding, NC State University

1:50 p.m. Methods for separation of Milkfat Globule Membranes from cheese Whey for Production of Fat Free WPC and Functional Lipids:
Damodaran Srinivasan, University of Wisconsin-Madison

2:35 p.m. **BREAK & POSTERS**

3:00 p.m. **Session IV Quality, Safety, Traceability (QST) – Where We Are Today**
Moderator: *Kara McDonald*, United States Dairy Export Council

- Benchmarking with the produce industry: *Steve Christensen*, Burson-Marsteller
- Legislative update: *Jerry Slominski*, International Dairy Foods Association
- Plans moving forward: *Alan Reed*, Dairy Management Inc.

4:30 p.m. Closing Remarks and Adjourn

5:00 p.m. RECEPTION (hosted by USDEC)

Day 2 - Wednesday, March 3, 2010

- 7:00 a.m. **REGISTRATION** (Continental breakfast available)
- 8:00 a.m. **OPENING REMARKS**
- 8:05 a.m. **Session V Bioactive Milk Components**
Moderator: *Amy Lammert, Cal Poly DPTC*
- 8:10 a.m. Examining bioactive components of milk:
Daniela Barile, Foods for Health Institute, Dept. of Food Science & Technology, UC Davis
- 8:50 a.m. The World Market for Dairy Bioactive Ingredients
Tage Afferscholt, 3A Consulting
- 9:30 a.m. Future Directions for Functional Dairy Ingredients and Foods- R&D challenges:
Geoffrey Smithers, Food Industry Consultant
- 10:10 a.m. **BREAK**
- 10: 30 a.m. **Session VI Market Expansion Opportunities with Snacking**
Moderator: Vikki Nicholson, Vice President, U.S. Manufacturing and Ingredients Marketing
- Snacking: Identifying a World of Opportunities for Dairy:
Lynn Stachura, Dairy Management Inc.
 - The Relationship Between Within-Day Energy Balance and Body Composition, Weight, and Health: **Dan Benardot**, Department of Kinesiology and Health, Georgia State University
 - Industry perspective: **TBD**
- 11:45 p.m. **LUNCH (provided)**
- 1:00 p.m. **Session VII Broadening Dairy Ingredient Uses**
Moderator: *Catherine Yonker, Cal Poly DPTC*
- 1:05 p.m. Looking at permeate from a food perspective:
K.J. Burrington, Wisconsin Center for Dairy Research
- 1:35 p.m. Challenges and Opportunities for Bringing Milkfat Globule Membrane Components to Market
Rafael Jiménez-Flores - Dairy Products Technology Center, Cal Poly State University
- 2:05 p.m. **Session VIII New Tools and Understanding of Dairy Ingredients – Part II**
Moderator: Sharon Gerdes, United States Dairy Export Council
- 2:10 p.m. MicroFormula™: a novel approach to the manufacture of microparticulated whey proteins:
Shanti Bhushan, GEA Process Engineering Inc
- 2:40 p.m. Economic model – Where Should U.S. Dairy Ingredients be Produced?:
Charles Nicholson, California Polytechnic State University
- 3:20 p.m. Caseins and Caseinates Market Update:
Michael Culhane, DH Business Consulting & Associates
Veronique LaGrange, United States Dairy Export Council
- 4:15 p.m. **CLOSING REMARKS**