

3rd Annual Cornell Dairy Center of Excellence Symposium presented in
partnership with
The David R. Atkinson Center for a Sustainable Future

Sustainable Dairy Systems: Food, Energy, Water

February 22, 2018
Lecture Hall I, College of Veterinary Medicine
Ithaca, NY

7:30 a.m. Registration Opens

8:00 a.m. Welcome

Lorin Warnick, Dean of College Veterinary Medicine

8:15 a.m. Keynote Address

Donald Moore, Executive Director of Global Dairy Platform

9:20 a.m. Food Spotlight

Sustainability Choices and Impact at CHOBANI

David Sheldon, Director of Environment, Health, Safety and Sustainability, CHOBANI

Roberta Osborne, Quality Manager for Milk and Animal Welfare, CHOBANI

10:15 a.m. Break

10:30 a.m. Session I: Food

Environmental Sustainability, Food Security and Animal Food Production: Milk and Dairy as a Case Study

Mike Van Amburgh, Professor, Department of Animal Science, College of Agriculture and Life Sciences

"At the Farm Nutrition" - Putting Science, Management and Reality Together

Corwin Holtz, Holtz Nelson Dairy Consultants

11:30 a.m. Student Talks

Christine Georgekakos, Walter Lab

Alex Wright and Gary Miller, ClearCove

Van Amburgh Lab

12:15 p.m. Lunch and Poster Session

1:30 p.m. Session II: Water

Whole Farm Nutrient Mass Balances: Creating a Nutrient Sustainability Stamp for Dairies

Quirine Ketterings, Professor, Department of Animal Science, College of

Agriculture and Life Sciences; Director, Cornell Nutrient Management
Spear Program

Watershed Nutrient Management

Todd Walter, Professor, Department of Biological and Environmental
Engineering, College of Agriculture and Life Sciences; Director, Water
Resources Institute

*Water and Energy Recovery from Process Wastewater: The Long
Term Economics of Sustainability*

Gary Miller, President and COO, ClearCove Systems

3:00 p.m. Break

3:15 p.m. Session III: Energy

Title TBD

Curt Gooch, Senior Extension Associate, Department of Animal Science,
College of Agriculture and Life Sciences

*Sustainable Waste Management Technologies: Manure and Food
Waste as Energy and Nutrient Resources*

Jefferson Tester, Croll Professor of Sustainable Energy Systems,
Department of Chemical and Biomolecular Engineering, Earth and
Atmospheric Sciences, College of Engineering

Microbial Fermentation of Acid Whey Waste into Bio-oil

Juan Guzman, Co-founder of Capro-X

4:45 p.m. Reception

6:00 p.m. Adjourn



Cornell Dairy Center of Excellence



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