

The Following “Hands-On” Activities Will Be Taught At A Local Dairy Farm

- ✓ Udder anatomy and milk secretion
- ✓ Udder dissection
- ✓ Milking routine—Forestrip, Stimulation time, Prep lag time, Pre-dip/washing teats, Drying teats, Post-dip
- ✓ Unit attachment—Timing, Alignment
- ✓ Unit removal—Manual, ATO, Turnover time of individual sides
- ✓ Parts of a milking unit
- ✓ Parts of total milking system
- ✓ Milk house procedures—Set up/cleaning
- ✓ Milking system—Vacuum testing
- ✓ Troubleshooting the cooling system
- ✓ Regular milking machine maintenance—Replacing inflations/short milk tubes
- ✓ Cow handling
- ✓ Cow cleanliness—Teat cleanliness scorecard, Udder hygiene scoring chart, Teat skin condition score chart
- ✓ Understanding SCC—Individual cow, Bulk tank, SCC vs. linear score
- ✓ Understanding raw milk quality parameters and reports—Standard plate count, Preliminary incubation count, Coliform bacteria count, Lab pasteurized count
- ✓ Mastitis and mastitis treatment
- ✓ Sample milk from cows & bulk tank for drug residues—Delvo test, SNAP test, etc.
- ✓ Sterile milk sample procedure
- ✓ Intro to Dairy Comp 305

New Dairy Institute Receives Full Support From The Wyoming County Board Of Supervisors



“The Wyoming County Board of Supervisors fully supports and applauds the new initiative by Wyoming County Cornell Cooperative Extension and collaborators which created a Dairy Institute in our county.

Dairy and agriculture accounts for the largest financial segment of our local economy. In 2006, Former Governor Pataki proclaimed Wyoming County to be the “Leading Dairy County” in New York State. When considering these facts, it makes sense to locate an educational opportunity such as this in Wyoming County.”

-**Doug Berwanger**, Chairman of the Wyoming County Board of Supervisors

For more information, please contact:

Cornell Cooperative Extension of Wyoming County
401 North Main Street ▪ Warsaw, NY 14569

585-786-2251

Register online at:

www.wyomingcountydairyinstitute.com

The Wyoming County Dairy Institute has been created in collaboration with the following associations.



Cornell University
Cooperative Extension
Wyoming County

Alfred State
SUNY College of Technology



GENESEEE
COMMUNITY COLLEGE
State University of New York



Wyoming County Dairy Institute

Presents

The Biology and Management of Producing Quality Milk



**September 18, 2007 to
October 23, 2007**

Classes Begin At 7:00 p.m.

Classes To Be Held At:

Cornell Cooperative Extension of Wyoming County
401 North Main Street—Warsaw, NY

The Biology and Management of Producing Quality Milk

Topics of Discussion

***Classes Begin at 7:00 p.m.**

Sept 18 **Basics of Milk Production:**
How does a cow do what she does? *Dr. Fitzsimmons*

Sept 20 **What Does An Inspector Do? How Is Milk Paid For?**
Donna Walker

Sept 25 **What is Quality Milk?**
Dr. Hal Schulte, DVM

Sept 27 **How Do We Assess Udder Health?**
Dr. Hal Schulte, DVM

Basic Bacteriology, Udder Health, Milk Quality, CMT, Sample milk – streak & incubate

Oct 2 **Milking Routine – Why?**
Dr. Hal Schulte, DVM

Oct 4 **Mastitis Treatment**
Dr. Michael Capel, DVM

Oct 9 **How Does Milking Equipment Work?**
Gus Beck

Oct 11 **Parlor Supplies: What Supplies Does A Parlor Need?—Gus Beck**

What are good products, sources, inventory, and parlor BandAids? What is needed in an emergency service kit?

Oct 16 **What are components of a cooling system? What can go wrong/what do I need to monitor on a cooling system?** *Gus Beck*

Oct 18 **Parlor and Pipeline Analysis**
Dr. Scott Carrick, DVM

The management and evaluation of these milking systems.

Oct 23 **Summary Session and Evaluation**



Instructors



Dr. Hal Schulte, DVM

Senior Extension Associate
Quality Milk Production Services,
Cornell University
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Dr. Dorothea Fitzsimmons, DVM

Animal Science Progr. Coordinator
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Gus Beck

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Donna Walker

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Dr. Scott Carrick, DVM

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Dr. Michael B. Capel, DVM

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Facilitator



William H. Maddison

Executive Director
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What is the Wyoming County Dairy Institute?



The institute was developed to provide workforce development opportunities for the dairy industry in Wyoming County. The initial focus is creating standalone learning modules that lead to certification as a herdsman. Individuals participating in this program for the certification must complete all modules, which are listed below. Others not desiring certification may select individual modules.

Modules Leading to Certification

All modules are eligible for Continuing Education Credits.

1. The Biology and Management of Producing Quality Milk
2. Utilizing Dairy Comp 305 to Efficiently Manage Cows and Maximize Profits
3. Calf Management Practices
4. Management of the Transition Cow
5. Herdsmanship, Herd Health and Lameness
6. Cattle Reproductive Management
7. Cattle Feed Management

Target Audience

Any individual looking to enhance their knowledge and skills in the dairy industry.

How To Apply

You can apply online at www.wyomingcountydairyinstitute.com or contact the Extension office at (585) 786-2251.

Cost

Cornell Cooperative Extension Enrollee

Wyoming County Extension Enrollee	\$130
Other County Extension Enrollee	\$150

Non-Cornell Cooperative Extension Enrollee

Wyoming County Resident	\$150
Non-Wyoming County Resident	\$170

***There will also be at least one Saturday class at a local farm.**