



# California Polytechnic State University, San Luis Obispo

## Dairy Milestones

### Tradition Never Graduates

#### American Dairy Science Association

The ADSA-Student Affiliate Division was formed to keep closer ties with undergraduate programs throughout the nation. Cal Poly Students and Faculty have participated in numerous activities through the organization and have also been recognized on a national level.

#### ADSA-SAD National President

- 1994-1995 Michelle Ruby
- 1979-1980 Jan Muther

#### Outstanding Advisor

- 2004 & 1991 Dr. Ed Jaster
- 1995 Dr. Leanne Berning
- 1986 Dr. Les Ferreira
- 1980 Dr. Tim LaSelle

#### Outstanding Student Affiliate Chapter

- 1978
- 1994
- 1977

#### Outstanding Chapter Yearbook

- 1997
- 1995

#### Undergraduate Paper Presentation – Production

- 1995 Shelly Schuyler
- 1992 Patrick Zweifel
- 1991 Scott Ruby
- 1978 Mike Rakes
- 1977 Neil Lanning

#### Undergraduate Paper Presentation – Dairy Foods

- 1993 Patrick Zweifel
- 1989 Tonya Conner
- 1988 Nanette de Jong

#### Dairy Cattle Judging Competition

Cal Poly has competed in fifty-two National Collegiate Dairy Cattle Judging contests. Over the years Cal Poly has been very successful with the competition winning four national titles.

#### National Winning Teams

- 2004
- 1973
- 1983
- 1972

#### National Winning High Individuals

- 1985 Matt Nunes
- 1984 Blake Alexandre
- 1982 Joey Fernandes
- 1978 Henry Giacomini
- 1973 Ron Hayes
- 1972 Richard Denier

#### Dairy Products Judging Competition

Cal Poly has competed in dairy products judging for the past sixty-one years. In the past eleven years, Cal Poly has won four national titles.

#### National Winning Teams

- 2003
- 2000
- 2001
- 1995

#### National Wining High Individuals

- 1995 Devin Woodill

#### National Dairy Shrine Winners

The Dairy Shrine Award is a prestigious honor, Cal Poly is proud to recognize nine recipients in the past thirty-seven years.

- 2004 Katherine A. Briggs
- 1999 Arthur H. Marquez II
- 1994 Carolyn Tenneson
- 1993 Scott Ruby
- 1987 Sietse “Sean” Tollenar
- 1986 Daryl J. Nunes
- 1980 Henry Giacomini
- 1974 Dale Matheron
- 1971 Ralph Grossi

### Current Dairy Facilities

#### Cal Poly Creamery

January 25, 1994, the groundbreaking of the new Dairy Products Technology Center began. The facility serves as the primary training ground for students to receive hands-on experience in dairy manufacturing and plant management in a real production situation. The building houses a pilot plant for the development of dairy products and ingredients, as well as laboratories for microbial analyses, chemical analyses and sensory evaluation.

#### Cal Poly Dairy Unit

The construction of the current University Dairy began in March of 1991 once plans were finalized. The new milking parlor is a double-eight herringbone, equipped with Westfalia milking system, which includes sixteen automatic milking detachers and a backflush system. Two freestall barns are also located behind the milk barn that house all milk cows and older heifers. The facility also includes a maternity and close-up area, and dry lots for yearling heifers. In 2006 Cal Poly installed a BECO Nexus Line Dairy Automation System which includes electronic cow identification utilizing RFID.

The Dairy Products Technology Center, combined with the Dairy Cattle Instructional Center, is one of the most modern dairy facilities.

1906- National Association of Dairy Instructors & Investigators (later ADSA)

Pasteurization Law

Homogenized Milk Sold

1920  
Vitamin D in Milk

Paper Milk Cartons

Farm Bulk Tanks Used

AI

1940

Vacuum Pasteurization

UHT Pasteurization

Milk Vending Machines

1960

Plastic Milk Container

Electronic Testing for Milk

Nutrition Milk Labeling

1980

“Real” Seal  
National Dairy Promotion & Research Board

rBST  
Milk Mustache

2000

100 Years of ADSA 2006

### The University in Review

Journalist Myron Angel, the driving force behind California Governor Gage signed The California Polytechnic School Bill on March 8, 1901. By 1903 Cal Poly had five Ayrshire and one shorthorn, two hundred and eighty acres of land, a dorm and three faculty members. Dairy Science has been part of the curriculum since the school first opened.

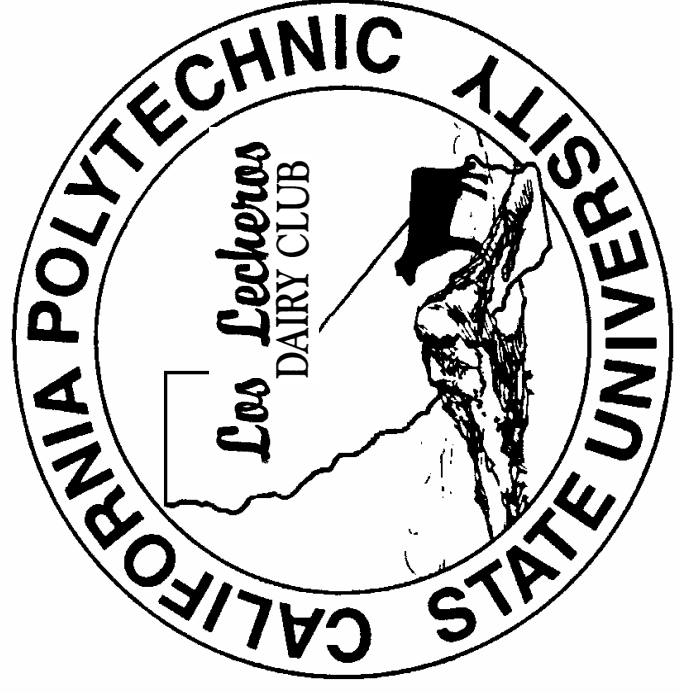
### The Original Dairy Facilities

In 1903 the first Cal Poly dairy facility was built with concrete floors, milk room, feed room and a living quarter. The completion of the creamery was in late 1908. It was a two story cement building supplied with hot water, a steam system, electricity and had a refrigerator with six ton capacity. The expansion of the dairy began in 1936 with a calving barn, bull pens, milking parlor and feed barn. In 1946 another addition to the dairy unit was constructed. This was a 40 by 100 foot, covered pavilion that would be used for judging contests and class.

### Project Dairy Life

Project Dairy was a great opportunity for students back in the earlier years to house cows on campus and be involved with the management decisions that are made in raising a herd. The Cal Poly Project Dairy gave the student the opportunity to “keep his hands in.” The advantage for students who participated in this program was that they could receive an education and take their herd with them.

## California Polytechnic State University, San Luis Obispo



The California Polytechnic State University, San Luis Obispo was founded in 1901 by journalist Myron Angel, the driving force behind California Governor Gage. By 1903 Cal Poly had five Ayrshire and one shorthorn, two hundred and eighty acres of land, a dorm and three faculty members. Dairy Science has been part of the curriculum since the school first opened.

In 1903 the first Cal Poly dairy facility was built with concrete floors, milk room, feed room and a living quarter. The first creamery was completed in 1908. Today the current Dairy Products Technology Center, combined with the Dairy Cattle Instructional Center, is one of the most modern dairy facilities.

Over the past century Cal Poly has been well represented by numerous students who have competed in various judging competitions and attending the annual ADSA conferences. The Los Lecheros Dairy Club is the largest campus club in the College of Agriculture, and members agree that “Tradition Never Graduates.”