

\$250,000 Gift To Aid Milk Processing Research

UNIVERSITY PARK — A \$250,000 gift from William and Lois Dietrich of Reading could help Penn State researchers improve the quality of milk and other dairy products.

Discovering better methods of processing dairy products is the job of a bioprocessing engineer, and that's a position Penn State soon hopes to add to its food science faculty.

"By modifying the protein, fat and carbohydrate components of milk, we can make it a more versatile ingredient in other foods," said Dr. Lowell Satterlee, head of Penn State's food science department.

"If we can improve the foaming properties of milk, we can develop better whipped toppings, tastier candy bars and creamier ice creams," he added. "And by improving milk's baking properties, we can improve the color, flavor and texture of bread and other baked goods."

The \$250,000 Dietrich gift will help the University attract a top scientist and researcher to focus on this type of research. Their gift

has established the William and Lois Dietrich Professorship in Bioengineering, which will provide money for salary, research assistance, equipment and other key support services.

Satterlee said the bioprocessing engineer will apply new technologies in molecular biology, microbiology, enzymology and engineering to the processing of dairy products. The new faculty member will work closely with the colleges of science and engineering and Penn State's Biotechnology Institute.

In addition to modifying the various components of milk, the bioprocessing engineer will use new, more efficient microorganisms and enzymes in the fermentation process. This should also result in improved processing and better products, according to Satterlee.

"Cheeses, yogurts and sour creams are all made through the fermentation process," he said.

A 1947 Penn State graduate in dairy science, William Dietrich is president of Dietrich Milk Products Inc., the largest producer

of dried whole milk in the nation. Lois Dietrich is a 1947 Penn State graduate in psychology.

Dietrich Milk Products, which also manufactures butter, supplies bakers, candy makers, ice cream processors and other food manufacturers with powdered milk products. Among its customers are the Hershey Chocolate Co. and M&M-Mars.

Dietrich's father, Claude R.

Dietrich, founded the company in 1926. By 1969, the younger Dietrich had shifted the company from a traditional dairy to a manufacturer of milk products.

Dietrichs have been active in the Berks Campus Advisory Board and the Penn State Alumni Association. They also are members of the Mount Nittany Society, which recognizes the highest levels of individual giving to the University. Their two

daughters are Penn State graduates. In 1984, William was named an alumni fellow of the College of Agriculture. He also is a member of The Campaign for Penn State's national campaign committee for biotechnology.

The Campaign for Penn State is the University's five-year fund drive to raise \$200 million from private sources for academic program enhancement.

United Announces Bonus Program

SYRACUSE, N.Y. — United Dairy Cooperative Services, Inc. announced a new quality incentive bonus program for their members. United, in cooperation with Dietrich's Milk Products Inc. of Middlebury Center, Pa., has developed a quality incentive bonus that will enhance their members pay price.

Effective with shipments of milk in June 1987, United members will receive an additional 8 cents per hundredweight for milk that meets certain quality standards. These

standards exceed those of the United States Public Health Service required for all dairy farmers. However, the standards set by United are readily obtainable by the producers.

Conscientious dairy farmers will not only benefit by direct payment for producing quality milk, but will also benefit in increased production per cow through better management.

James G. Patsos, president of

United, in announcing the new quality incentive bonus stated, "We are pleased with the new quality bonus program arranged with Dietrich's. This follows on the heels of our recent announcement of a new accelerated payment schedule for our producers. We continue to strive for the best possible marketing opportunity for our members. United is diligent in its effort to be a leader in imaginative marketing of their member's milk."



Your Source For PROFITABLE GENETICS!



BERT Daughter



SIR ARN Daughter



ABE Daughter

PD \$ Dollars Are Nice, But Why Overlook Functional Type?

We at American Breeders Service believe that Production and Type should come in one packet.

So, if you are tired of using big Production bulls which are minus for Type, or high Type bulls with little Production

Contact Your Source For Total Performance



JASON Daughter



PRINCE Daughter



TIDAL-WAVE Daughter

You Need Both Production And Functional Type To Have A PROFITABLE HERD!

IN PENNSYLVANIA

- Akron, PA., Keith Campbell 717-733-1226
- Allenwood, PA., George Showers 717-538-1812
- Carlisle, PA., Grant Gardner 717-776-5347
- Clifford, PA., William Horton 717-222-3224
- Coburn, PA., Wendel Musser 814-349-5310
- Columbia, PA., James Charles 717-898-8694
- Columbia Crossroads, PA., George Shell 717-297-2943
- Dornsife, PA., Steve Kieffer 717-758-1714
- Fleetwood, PA., James Younker 1-800-422-8322
- Holtwood, PA., Paul Herr 717-284-4592
- Intercourse, PA., Roger Schans 717-768-7788
- Lebanon, PA., Paul Martin 717-949-2381
- Linden, PA., Larry Bower 717-323-9710
- Mifflinburg, PA., John M. Beachy 717-966-1344
- Mifflintown, PA., Mervin Zendt 717-436-6386
- Narvon, PA., Darvin Yoder 717-733-0966
- Reedsville, PA., Chester G. Selfridge 717-667-2775

- Selinsgrove, PA., John M. Beachy 717-374-7884
- Shippensburg, PA., Wayne Piper 717-532-4401
- Spring Grove, PA., Randy Shaffer 717-846-3235
- Stewartstown, PA., Tom Engle 717-993-6836
- Thomasville, PA., Ira Boyer 717-225-3758
- West Grove, PA., Sidney Peters 215-869-9187

IN NEW YORK

- Johnson, NY, Peter Vander Schaaf 914-355-1692

IN NEW JERSEY

- Baptistown, NJ, Cindy Gordeuk 201-996-2088
- Elmer, NJ, Cyndy Hetzell 609-455-8187
- Lambertville, NJ, Robert Fulper 717-658-7316
- Port Murray, NJ, Robert Kayhart 201-689-2605

IN MARYLAND

- Detour, MD, Jim Carmack 301-775-7221
- Mt. Airy, MD, Allan Pickett 301-663-4191

IN DELAWARE/MARYLAND

- Delmarva, Daniel Rush 717-529-6548