

AJCA Announces Scholarship Winners

REYNOLDSBURG, Ohio—Seven Jersey youth have been named recipients of 10 scholarships administered by the American Jersey Cattle Association (AJCA).

Three Jack C. Nisbet Scholarships are awarded to participants in the National Jersey Youth Achievement contest.

The recipients were Karin Chittenden, Schodack Landing, N.Y., Dustin Bohl, Sardinia, Ohio, and Jennifer Baughman, Newark, Ohio.

Chittenden is the daughter of Paul and Melanie Chittenden. She is a senior studying general agriculture at Cornell University, Itha-

ca, NY.

Bohl is the son of Donald and Kay Bohl. He is a freshman studying dairy science at The Ohio State University, Columbus.

Baughman is the daughter of Thomas and Constance Baughman. She is a senior studying animal science at Wilmington College, Wilmington, Ohio. Baughman also received a V.L. Peterson Scholarship.

Three V.L. Peterson Scholarships are awarded to youth who have completed at least one year of college. Dana Garzelli, Petaluma, Calif., Owen Bewley, West Chester, and Jennifer Baughman, Newark, Ohio received the 1995

Peterson scholarships.

Garzelli is the daughter of Richard and Kathy Garzelli. She is a junior studying agribusiness at California Polytechnic State University in San Luis Obispo.

Bewley is the son of Richard and Jo Bewley. He is a senior studying dairy science with a minor in international agriculture at Pennsylvania State University, State College.

Bewley also received the ABS/Morris B. Ewing scholarship. The Ewing scholarship is awarded based on essays written by the applicants. Bewley's essay was based on the topic, "How can Jersey breeders work with the genetic industry (AI organizations, universities, etc.) to help

further the Jersey breed in the dairy industry."

The Paul Jackson Memorial Scholarship is also awarded to youth who have completed at least one year of college. The 1995 winner was Christel Hoffman, Cuero, Texas. Hoffman is the daughter of Dot and Jerry Hoffman. She is a junior studying agribusiness at Texas A & M University-Kingsville.

Two William A. Russell Scholarships are awarded to youth who have enrolled in or been accepted to a college or university. The 1995 winners of the Russell Scholarships are Dustin Bohl, Sardinia, Ohio and Corey McConn, Burgettstown.

McConn is the son of the late Debbie Rankin McConn. He is a freshman at Washington and Jefferson College, Washington.

Jersey scholarships are available to youth who own at least one registered Jersey and who are accepted or enrolled in college. Selection is based on financial need and scholastic achievement, as well as Jersey and related activities.

The deadline for applying for a 1996 scholarship is July 1. Applications are available by calling Sara Gaetz at the American Jersey Cattle Association (614) 861-3636 or write to: American Jersey Cattle Association, 6486 East Main Street, Reynoldsburg, Ohio 43068-2362.

PSU Dairy Club

To Host First Junior

All-Breeds Dairy Convention

UNIVERSITY PARK (Centre Co.) — The Penn State Dairy Science Club has announced that it is inviting all junior-age members of all the major dairy breed associations to attend a first-ever Pa. Junior All-Breeds Convention.

The Penn State Dairy Science Club is serving as host of the event and has scheduled it for Feb. 16-18 at the Days Inn in State College.

The goals of the convention are to bring dairy youth together in the spirit of fellowship and education, regardless of the breed affiliation.

Several hands-on workshops are being developed and social time is planned.

A tentative schedule for the weekend includes registration, a

pizza and swimming pool party and organized social events for Friday, Feb. 16.

During the day Saturday, hands-on workshops at Penn State facilities, lunch, a mock junior dairyman's contest, and a tour of campus sights are planned.

For Saturday evening, a mock sale is to be held, followed by dinner and a dance/social with disc jockey Kirk Sattazahn.

A Sunday morning brunch featuring speaker John Rodgers is also tentatively scheduled, according to a club news release.

A registration and ticket order form are to follow in subsequent issues of *Lancaster Farming*.

For hotel reservations, call (800) 258-3297.

Researchers Work To Fight BVD

WOOSTER, Ohio—Imagine yourself as a dairy farmer. Your cattle are sick, and you aren't sure why. One has diarrhea. One aborted her calf. Most are producing less milk. You're losing money. You need help.

Enter Kenny Brock. The Ohio State University scientist is developing a new program to prevent and control bovine viral diarrhea virus, or BVD, one of the most common pathogens of cattle in the world.

The program focuses on improved diagnostic methods and management practices. But education is a large part, too.

Brock is working closely with farmers and veterinarians to tell them more about BVD and how to control it. He is based on the Wooster campus of the university's Ohio Agricultural Research and Development Center.

BVD spreads easily, is difficult to detect and may change in the field, making vaccines less effective. Symptoms include diarrhea, abortion, infertility, decreased milk production, respiratory problems and more—all of which cause production losses. It sometimes causes death. It doesn't affect humans.

"It's a very versatile virus," said Brock, who is an associate professor with OARDC's Food Animal Health Research Program. "It's been nearly 50 years since the disease was isolated, and we still haven't solved the problem. That really speaks to the severity of the disease and the uniqueness of the virus."

The improved diagnostic methods include a new bulk milk test Brock and his colleagues developed. Using a milk sample, the test can screen a herd for

infection.

If the test is positive, individual animals are tested to detect chronic "carriers"—usually only 1 percent to 2 percent of the animals in a herd. These animals are eliminated, the first step in improved management.

The next step, Brock says, is to keep a closed herd. Animals that enter or re-enter the herd should be isolated and tested for BVD, as well as other pathogens.

Newborn calves must be monitored, too, Brock says. BVD can cross the placenta and infect the fetus.

The program results are encouraging. In preliminary testing, BVD infections have been eliminated from 15 Ohio herds in one to two years.

"We've tried it in a lot of herds, and it does work," Brock said.

Using these results, Brock has established general prevention and control recommendations. Now he is working to make sure they reach Ohio farmers. He's doing this through OARDC's partner, Ohio State University Extension. Extension veterinarians convey the information to other veterinarians and farmers.

"We need to prevent recurring infections. We need to convince farmers of the significance of this disease before they get into it."

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