

Employee Workshop

LANCASTER (Lancaster Co.)—Brubaker Farms at Mount Joy will host a session on training dairy feeding employees on Thursday, March 23. Area dairy managers are encouraged to enroll to receive information and materials needed to train dairy employees responsible for feeding management. The session is a Pennsylvania Dairy Alliance program coordinated by the Capital Regional Extension Dairy Team.

The feeder's training will be held at Brubaker Farms, 740 Union School Road, Mount Joy, Pennsylvania. Directions to the farm are as follows: From Route 283, travel south on Route 772 through Mount Joy. About 1.5 miles south of Mount Joy, turn right at the traffic light onto Union School Road, and turn left immediately onto Flory Road. At the "T", turn right onto Musser Road and proceed about 1 mile to Brubaker Farms and to the dairy complex at the end of the farm lane.

Cost for the training including the lunch fee is \$25/partici-

Two In College Of Ag Named Distinguished Professors

UNIVERSITY PARK (Centre Co.)—Two faculty members in Penn State's College of Agricultural Sciences—Dr. Roland Leach, professor of poultry science, and Dr. Gary Petersen, professor of soil and land resources—have been named distinguished professors by the university.

The title of distinguished professor was established by the office of the president to recognize a select group of professors with exceptional accomplishments in teaching, research, and service.

The session is limited to the first thirty people who apply. To register for the training, please call the Penn State Cooperative Extension Customer Service Desk at the York County Office (telephone 717-840-7408).

You may also fax your registration to 717-755-5968 or e-mail to Tim Beck at (tbeck@psu.edu). Registration is requested by March 13, 2000 so adequate materials may be prepared for the sessions.

Leach is a worldwide leader in the field of bone metabolism, bone growth and development, egg shell formation, and mineral nutrition. He identified, characterized, and named a major skeletal disease of poultry known as tibial dyschondroplasia, which costs the poultry industry millions of dollars annually.

"Dr. Leach's research has contributed greatly to our understanding of the biochemical and molecular mechanisms underlying this complex anomaly," said Robert Elkin, head of Penn State's poultry science department. "In addition, his research has provided valuable information on a number of other connective tissue and skeletal disorders while advancing our knowledge of normal bone growth. Dr. Leach's findings have transcended species and are of tremendous relevance to both poultry science and human medicine."

Leach has published 104 peer-reviewed papers, 32 conference proceedings, nine book chapters, seven non-refereed papers and several in-house articles. In

1980, the Poultry Science Association awarded him the American Feed Manufacturers Association Research Award, and in 1983 he received Penn State's Gamma Sigma Delta Research Award.

Leach has taught principles of animal nutrition to more than 3,000 undergraduate students and has mentored six doctoral and 26 master's degree candidates. He also has served on more than 30 departmental, college and universitywide committees, and was instrumental in establishing the Intercollege Graduate Program in Nutrition, for which he served as associate director.

Leach received his bachelor's degree in agriculture from the University of Maine, his master's degree in nutrition/biochemistry from Purdue University, and his doctorate in nutrition/biochemistry from Cornell University.

Petersen is internationally recognized for his research on how soil and agronomic sciences can be applied to land use planning and management. His work

has focused on landscape analysis, watershed modeling, water quality, on-site waste disposal, precision agriculture and rural/urban interface issues. He has used remote sensing and geographic information systems to increase understanding of soil, landscape and hydrologic processes. He co-founded and co-directs Penn State's Office for Remote Sensing of Earth Resources.

"Dr. Petersen has contributed significantly to a better understanding of the interrelatedness of soils and land use with agriculture and environmental issues," said Steven Fales, head of Penn State's agronomy department. "His statewide assessments of nonpoint source pollution have helped to protect surface and groundwater and to evaluate potential threats to drinking water supplies. Society has benefited from his many contributions, which have provided a basis for scientifically legitimate, environmentally sound and economically desirable land use decisions."

Maximize Your Yield Potential



When it comes to improving Relative Feed Value and maximizing the Crude Protein in hay, nothing outperforms the New Idea® 5209 Disc Mower Conditioner. Its high-speed disc cutterbar glides through fields with ease, even in extreme conditions. And the unique Ti-Cor® Conditioning Rolls gently condition the stems, speeding dry down.

The 5209's reliable design keeps you mowing and conditioning year after year. With the segmented cutterbar driveshaft, a New Idea innovation, the cutterbar is truly modular, which makes for easy maintenance.

To see the disc mower conditioner that'll exceed your expectations — not your budget, visit your AGCO® New Idea dealer today.



NEW IDEA®

BUILT FOR THE BOTTOM LINE

See Your AGCO - New Idea Dealer Listed Below.

Delaware

Georgetown
Baxter Farms

Maryland

Dayton
J.D. Mullinix

Pennsylvania

Bechtelsville
Miller Equipment

Bethel

Zimmerman's Farm Service

Bloomsburg

William F. Welliver

Cresson

Hines Equipment

Glen Rock

Wertz Farm & Power Equip.

Greencastle

Meyers Implements

Honesdale

Marshall Machinery, Inc.

Klingerstown

Stanley's Farm Service

Lebanon

Umbergers of Fontana

Mercer

Ralph W. Kyle

Oakland Mills

Peoples Sales & Service

Quakertown

C. J. Wonsidler

Quarryville

A. L. Herr

Somerset

Lincoln Supply

Petersen is the author or co-author of more than 180 publications and has presented more than 140 papers at national and international scientific meetings. He has been the principal or co-principal investigator for competitive external research funding from state, federal and industry sources totaling more than \$9 million.

Petersen has taught several undergraduate and graduate courses and has served as chair of advisory committees for 55 master's and doctoral degree candidates. He helped establish the graduate program in soil science, which he has chaired since its inception.

In 1991, Petersen was the first recipient of the Alex and Jessie C. Black Award for Excellence in Research. Gamma Sigma Delta and the Northeast Branch of the American Society of Agronomy also have honored him with teaching and research awards. He currently serves as past-president of the Soil Science Society of America.

