**NEW AND EVENTS**

**Awards and Honors . . .**

**C. Fred Foreman,** professor in charge of dairy science at Iowa State University, was Guest of Honor at Dairy Shrine's 1984 annual meeting and recognition dinner November 5, 1984 in Louisville, KY.

Foreman has had an extensive teaching, judging, and coaching career. Foreman has spent 30 years teaching at Iowa State and has been professor in charge of dairy science for the past 16 years. In addition to his teaching, research, and administrative duties, he has served as a faculty advisor for 20 to 30 undergraduate students of dairy science pre-veterinary medicine annually. He has also served as major professor for several graduate students and has been a faculty advisor to the Iowa State Dairy Science Club for 29 years.

Foreman has been advisor to the Iowa State Agriculture Council, Alpha Zeta, and the campus Veishea Central Committee. He has been president and vice president of the Iowa State Chapter of Gamma Sigma Delta, served as a director for the American Dairy Science Association, and served on several committees for Kiwanis International, American Society of Animal Science, and Dairy Shrine.

Foreman attended Kansas State University, receiving his Bachelor of Science degree in 1948 and his Master's degree in 1949. He then worked 2 years as an extension dairyman in Kansas. In 1953 Foreman received his Ph.D. from the University of Missouri, then worked as an assistant professor at the University of Minnesota for 2 years before joining the Iowa State University staff in 1955.

In recognition of his dedication and hard work, Foreman has received several awards, including the Ralston Purina Teaching Award from the American Dairy Science Association, Professor of the Year in the Iowa State College of Agriculture, and Outstanding Academic Advisor by the Iowa State University Student Alumni Association. Furthermore, he has received the AMOCO Outstanding Teacher Award in Agriculture, the College of Agriculture Advising Award, and the Keeling Leadership Award.

Foreman's track record as a show ring judge is excellent. He has been judging shows since 1949 and has averaged 15 fairs and breed shows a year. Judging has taken him to 35 states and 10 foreign countries. Foreman is an approved judge of all dairy cattle breeds and has served 21 years on the All-American Holstein Judging Committee. He is also an official type classifier for the Brown Swiss and Milking Shorthorn breeds. Foreman also has served 9 years as coach of the Iowa State dairy cattle judging team and previously 2 years as coach of the University of Minnesota team. His teams have won several regional contests and in 1963 won the national contest.

In addition to his teaching and judging responsibilities, Foreman has had extensive consulting experience with the Brown Swiss Cattle Breeders Association, the American Milking Shorthorn Society, Mid-American Milk Cooperative, and dairies in Arizona and California.

**John M. Bremner,** Professor of agronomy and biochemistry and Curtiss Distinguished Professor in Agriculture at Iowa State University, was the recipient of the 1984 Harvey W. Wiley Award, presented October 30, 1984, at the Association of Official Analytical Chemists' (AOAC) 98th Annual International Meeting, the highlight of the AOAC 100th Anniversary Celebration.

Since 1956, this annual award has gone to scientists who make outstanding contributions toward developing and validating methods of analysis for foods, drugs, cosmetics, pesticides, feeds, fertilizers, environmental contaminants, or a related area. The $2500 award focuses attention on the role of the scientist in protecting the consumer and preserving the quality of the environment. The award was established in honor of Harvey W. Wiley, "father" of the 1906 Pure Food and Drug Act and a founder of AOAC.

Bremner's major contributions have been in developing, improving, and evaluating methods for soil analysis and for research on nitrogen and sulfur cycles; soil, fertilizer, and environmental problems related to agriculture; and
pioneering the use of new techniques. He was the major contributor to the first (1965) and second (1982) editions of the American Society of Agronomy monograph, *Methods of Soil Analysis*, and he has published more than 185 research papers.

The importance of his contributions have been recognized by his selection as recipient of many honors, which include the American Society of Agronomy Soil Science Achievement Award (1967), the First Mississippi Corporation Outstanding Research Award (1979), Alexander Von Humboldt Award “for the most significant contribution to American agriculture during the past five years” (1982), the Bouyoucos Soil Science Distinguished Career Award (1982), and the Iowa Governor’s Science Achievement Medal (1983). He was made a fellow of the American Society of Agronomy (1968), the American Association for Advancement of Science (1972), the Soil Science Society of America (1976), and, most recently, was made a Distinguished Fellow of the Iowa Academy of Science (1984) and elected to the National Academy of Science (1984).

His degrees are from Glasgow University (B.S., 1944) and London University (Ph.D., 1948; D.Sc., 1959). He worked in the Chemistry Department at Rothamsted Experimental Station, Harpenden, England from 1945 until 1959, when he joined the faculty at Iowa State University.

James A. Jarrett, Rome, GA, was recently named Bovine Practitioner of the Year at the American Association of Bovine Practitioners (AABP) 1984 convention held in Des Moines. The annual award, which includes a commemorative plaque and diamond ring, is sponsored by Syntex Animal Health of Des Moines.

Jarrett was recognized for his many contributions to the dairy cattle industry and the veterinary medicine profession. Jarrett has a private veterinary practice in Rome, GA, where he specializes in dairy health management. He has developed special programs to serve his clients, including nutrition, reproduction, mastitis control, and calf and replacement management.

In the mid-1960’s, Jarrett initiated the Georgia State Quality Milk Program while working for the Georgia Department of Agriculture. This was only the second statewide mastitis program in the US at that time.

Jarrett is an active member of a number of professional organizations including the American Veterinary Medical Association, National Mastitis Council, American Dairy Science Association, and the Dairy Shrine Club. He served as president of the AABP in 1978 and currently chairs the Forward Planning Committee plus serves as the AVMA delegate.

Jarrett has also published a number of articles and papers dealing with various aspects of dairy cattle health and actively lectures throughout North America. In addition, he authors a monthly column in *Hoard’s Dairyman* entitled “Cowside Practice”. Through his participation in numerous drug field evaluations, Jarrett has made substantial contributions to veterinary research.

James Jarrett (left) accepts the Bovine Practitioner of the Year Award from George Holder, vice president and general manager of Syntex Animal Health.

The 1984 national winners in the dairy foods program each received $1,000 scholarships. Shown with James Hill, director of Dairy Extension, Carnation Company (l to r): Christine C. Ward, WI; Beverly Hiatt, NC; Mary McGough; AL; Mignon Byler, LA; Janine Carol Maue, IL; and Karla Y. Beard, TN.
The national winners in the 4-H dairy program each received $1,000 scholarships from Cargill, Nutrena Feeds Division, CIGNA Corporation, and cooperating insurance agencies, the program sponsors. Shown (l to r, seated): D. Lynn DeShazo, AR; and Brenda Yetter, NJ; (standing) Stacey E. Pickering, MS; Gerald Barry, president, McClain-Heller Insurance Agency; Kelly Ruth Freeman, AZ; Bob Mullock, senior vice president, National Associates; John Foley, dairy nutritionist, Research Farm, Cargill, Nutrena Feed Division; Tammy Caristi, CA; Charles Pessagno, president, National Associates; and Jeff R. Stauffacher, WI.

More than 1,600 outstanding 4-H members were honored at the 63rd National 4-H Congress, November 25-29, 1984, at The Palmer House, Chicago, IL. Some 284 national and regional winners received a total of $281,400 in educational scholarships provided by 40 corporations and organizations from the private sector. The annual event for 4-H, the youth program of the Cooperative Extension Service, is arranged by National 4-H Council.

Lee Russell McDowell, animal nutritionist in the Institute of Food and Agricultural Sciences (IFAS) at the University of Florida, was the 1984 recipient of the American Society of Animal Science (ASAS) Gustav Bohstedt Award in Minerals Research.

The award, given by the Salt Institute, is intended to stimulate research in mineral and trace mineral contributions to animal science research related to benefiting domestic animals. The award was presented to McDowell at the annual ASAS meetings held at the University of Missouri in Columbia, August 7 to 10.

Under the Agency for International Development (AID), McDowell was senior author in a program to publish feed composition tables for Latin America. In 1974, McDowell and J. H. Conrad, also of the animal science department, authored *Determination of Mineral Deficiencies and Toxicities for Grazing Livestock in Tropical Countries*.

A total of 25 tropical countries in Latin America, Southeast Asia, and Africa have been involved in the cooperative mineral research program. It has been possible to determine supplemental mineral needs for specific livestock grazing regions by relying on a combination of mineral analyses of forages and selected animal tissues. McDowell has developed a "mapping technique" to pinpoint which minerals are needed for supplementation; the research has greatly increased production rates and returns.

McDowell is a distinguished teacher, responsible for an undergraduate and graduate nutrition course and a laboratory training program in mineral analysis for participants from various tropical countries. He is the author of many published articles and has given numerous talks on mineral research. During the 5 years covered by the award, McDowell published 101 articles, 100 of which dealt with minerals.

McDowell received an associate degree from Alfred Agriculture and Technical Institute, the B.S. and M.S. degrees from University of Georgia, and the Ph.D. in animal nutrition from Washington State University.

The International Association of Milk, Food and Environmental Sanitarians, Inc., (IAMFES) held their 71st Annual Meeting August 5 to 9 in Edmonton, Alberta, Canada. Recognition was given to the following during the annual Awards Banquet.

Elmer Marth, University of Wisconsin-Madison food microbiologist, received the Citation Award for his research contributions to food safety and his service as editor of the *Journal of Food Protection*. Marth joined the University of Wisconsin-Madison in 1966. He was previously employed with the research division of Kraft, Inc. He earned his B.S., M.S., and Ph.D. degrees in bacteriology at the University of Wisconsin-Madison.

Harold Wainess, Harold Wainess and Associates, Northfield, IL, received the IAMFES Sanitarian of the Year Award. Wainess received his M.S. from Purdue University and is in the consulting business. Much of his time has been devoted to health-related organizations, such as IAMFES and the US National Committee of the International Dairy Federation.
The 1984 IAMFES Educator Award was bestowed upon R. Burt Maxcy, professor of food science and technology, University of Nebraska. Maxcy's research has dealt with the microenvironment of food and food handling systems as well as irradiation of foods.

Twenty-two dairy and livestock research projects at 11 northeastern universities are being supported by Agway financial grants-in-aid during 1984 to 1985.

Darwin G. Braund, director of dairy and livestock research and development at Agway, presented checks totaling $49,000 to university researchers attending the recent Agway College Dairy Conference. This annual Agway-sponsored conference brings together university researchers and industry and agricultural experts to discuss current trends and research findings in the dairy business.

The 22 research projects partially supported by Agway involve nutrition and management areas of major concern to the dairy and livestock industry in the Northeast.

Universities receiving Agway support for these research projects include: University of Connecticut, Cornell University, University of Maine, University of Maryland, University of Massachusetts, University of New Hampshire, Ohio State University, The Pennsylvania State University, Rutgers University, University of Vermont, and West Virginia University.

About 45% of the funds was allocated to basic or fundamental research with 55% distributed to applied projects with a relatively shorter time required for potential application of results.

In addition to support of university research, Agway conducts applied research at the 450-acre Agway Farm Research Center near Tully, NY. Agway and 15 other US and Canadian co-operatives work together as Cooperative Research Farms to support applied research in a variety of dairy, livestock, and poultry enterprises.
Appointments...

Jay M. Mattison has been named Genetic Programs Coordinator for the National Association of Animal Breeders (NAAB), Columbia, MO.

Mattison will coordinate genetic programs of the association, including the NAAB Cross Reference Program. Other responsibilities include the NAAB Calving Ease Sire Summary, type trait evaluation programs, dairy cattle identification programs, random blood typing, and the NAAB Genetic Defect Record. Mattison will be the primary staff contact and resource person for the Beef Development Committee and the Dairy Sire Evaluation Committee, and he will assist the executive vice president in international market development and general computer operations.

Mattison is a native of Brodhead, WI, where he grew up on a diversified dairy, beef, and swine farm. He received his B.S. and M.S. degree in dairy science in 1981 and 1983 from Iowa State University, Ames.

Mattison has served as a research associate in dairy science extension at Iowa State since 1981. Most of his work was related to micro-computer applications in dairy production. He has assisted with seminars and conferences and served as the sale coordinator at the Iowa Dairy Expo.

Adnan Aydin has joined the Carnation Company's Milling Division as director of nutrition.

Aydin has held numerous animal nutrition and research positions in both the US and overseas, including research specialist with Central Soya Company, technical director of the American Soybean Association in Madrid, Spain, and research associate at Cornell University. Most recently, he was based in Bangkok, Thailand as director of the technical division of Charoen Pokphand, a major South-East Asian feed and integrated livestock company.

Aydin has a Ph.D. in animal nutrition from Cornell University.

In his new position, he supervises the total Carnation Milling nutrition function and provides support for Carnation International operations.

Jeffrey F. Keown will join the faculty of the Animal Science Department at the University of Nebraska effective January 7, 1985, in an extension-research position. He has been serving as research associate at Cornell and previously was sire program manager for Eastern AI Cooperative. He is responsible for adapting computer systems and technology for all aspects of dairy herd management for extension programs, will provide leadership for dairy extension programs in reproductive management and genetic improvement, and will serve as superintendent of official testing for the DHIA program in Nebraska. He will conduct a research program in dairy herd management.

Charles R. Staples has joined the Dairy Science Department at the University of Florida as assistant professor. His appointment is a 50% research and 50% extension with responsibilities for forage research and extension programs.

A native of New Mexico, he received his B.S. and M.S. degrees at New Mexico State University and the Ph.D. in ruminant nutrition from the University of Illinois. Since 1982, Staples has been on a postdoctoral research industry grant at the University of Illinois.

Custer Chair of Dairy Foods...

The Mississippi State University dairy science professor whose name is most often associated with production of the university's famous Edam cheese has had an academic chair, the Edward W. Custer Chair of Dairy Foods, established in his honor.

H. Joe Bearden, head of the Dairy Science Department, said the chair, or professorship, will be filled "by the most outstanding individual available to carry on and expand the notable work being done by Professor Custer."

Bearden said a committee has been established to seek industry support for dairy foods teaching and such related activities as student...
recruitment, scholarship and intern training, and research.

"Establishment of an endowment fund to support the Custer Chair will help provide leadership to make maximum use of these contributions from the dairy industry. In turn, the vital dairy industry of the state and the Southeast will benefit from a supply of well-trained young people."

The Mississippi State University dairy foods curriculum is one of only six in the nation.

Custer, a Holly Springs native, has taught and supervised the Mississippi State University dairy plant since graduating from the university in 1947. He has taught most of the courses offered in the dairy manufacturing curriculum, conducted research, and served as a consultant to the dairy industry both in Mississippi and the nation.

He is largely responsible for boosting production of the department's famed Edam cheese from 4,400 balls in 1970 to 80,000 in 1984. He achieved a similar success in the output of Cheddar cheese. Under his leadership, other cheeses have been added to production.

Custer is the recipient of numerous awards, including the 1972 Honors Award of the American Dairy Science Association's Southern Division, the 1978 Kraftco Teaching Award of the American Dairy Science Association, the 1978 Mississippi State University's Alumni Association Faculty Award for Teaching, and the 1983 Outstanding Teacher Award of the Mississippi State University chapter of Gamma Sigma Delta.

Contributions to the Custer Chair can be sent to the Mississippi State University Development Foundation, Box 423, Mississippi State, MS 39762.

Fellowships in Domestic Animal Biotechnology...

Outstanding applicants are encouraged to apply for an integrated Ph.D. program in methods for diagnosis and prevention of infectious diseases, immunology, recombinant DNA procedures, genetic engineering, and molecular aspects of reproductive biology. Each annual fellowship is for $15,000. Send a statement of goals, interests, and relevant experience, and have complete college transcripts, GRE scores, and three letters of reference sent to Dr. G. D. Niswender, Associate Dean for Research, College of Veterinary Medicine and Biomedical Sciences, Colorado State University, Fort Collins, CO 80523. Colorado State University is an equal opportunity>Title IX employer.

Ralston Purina Field 'n Farm Agri-Scholarship Program...

Ralston Purina announced it will award 20 $2,000 scholarships of 1 year each and 80 grants for $250 in the 1985 Field 'n Farm Agri-Scholarship competition.

Purina's Field 'n Farm Agri-Scholarships are awarded yearly to high school seniors who demonstrate sincere interest in agriculture. Last year, Purina gave $40,000 in awards. This year, the awards have been expanded to $60,000.

Scholarship applications will be available beginning January 7, 1985, at Purina dealerships across the country. The contest will be judged on the basis of the students' academic records, guidance counselor recommendations, and a 500-word essay competition.

The scholarships and grants will be awarded April 1, 1985. Interested seniors should contact their high school guidance counselors for further details.

Position Announcements...

Due to the increased cost of publishing the Journal of Dairy Science and upon recommendation by the ADSA Journal Management Committee, the ADSA Executive Committee approved the following rate for position announcements effective with the January 1985 issue of the Journal of Dairy Science.

Position announcement rates, one column wide, will be $50 for the first two inches and $25 each additional inch or fraction thereof.

Signed: Claude Cruse, ADSA Executive Secretary

• Professor and head, Department of Animal Sciences, College of Agriculture, University of Illinois at Urbana-Champaign. A Department of Animal Sciences is being formed from a merger of our Departments of Animal Science and Dairy Science. The new department
will be administered by a head and will include a nationally and internationally recognized faculty of 60 involved in research, teaching, extension, and international activities. Professional specialists number 15 and other support personnel number about 70. The new department will soon be housed in two campus facilities including a planned $18.6 million renovation and major addition to the Animal Sciences Laboratory and a modern meat science laboratory. Farm operations are located close to campus and include dairy, beef, sheep, poultry, swine, and companion animals. Additional experimental facilities are located in other areas of the state. The department will offer complete curricula in the animal sciences with an undergraduate enrollment of more than 400 students. Graduate programs will offer M.S. and Ph.D. degrees in the various specializations of the animal sciences with an anticipated enrollment of 125 graduate students. A Ph.D. in animal science, dairy science, or closely related field is required. The candidate should have a strong background in research, experience in resident instruction or extension education, and demonstrated administrative skills. Experience in the Land-Grant system is desirable. Major responsibilities are administration of the research, teaching, extension, and international activities of the Department of Animal Sciences. Availability of the position is anticipated to be May 1, 1985, or as soon as possible thereafter. Salary will be commensurate with experience and qualifications and includes state of Illinois and University fringe benefits. To ensure full consideration, applications should be received by February 15, 1985. Applicants should send a letter of application, resume, and the names, addresses, and telephone numbers of five persons familiar with the candidate's qualifications and experiences. Nominations or applications should be sent to: Dr. William L. George, Chair, Search/Advisory Committee, College of Agriculture, University of Illinois, 104 Mumford Hall, 1301 West Gregory Drive, Urbana, IL 61801 (217/333-3380). The University of Illinois is an affirmative action/equal opportunity employer.

- Deputy administrator, agriculture (ES-406), US Department of Agriculture, Extension Service, Washington, DC. Primary responsibilities of the incumbent are to serve on the administrator's staff and share in making overall policies and decisions concerning extension programs. The incumbent provides national leadership in carrying out extension programs in agriculture and related areas throughout the Cooperative Extension System. Salary range is $59,223 to $69,900. Position closes February 9, 1985. For complete description of position ES-406, Standard Form 171, and instructions for application contact: Lil Stewart, Personnel Division, Extension Service, USDA, Room 3548, South Building, 14th and Independence Ave., S.W., Washington, DC 20250 (202/447-6730).

- Assistant manager, small cheese manufacturer in Midwest. Candidate initially will supplement efforts of the president/sales manager and his controller and have the potential to succeed the president in 3 to 5 years. Applicant must have had a minimum of 3 to 5 years of sales and marketing experience in the food industry and have the ability to assist the president with customer contacts and new product development. Degree required in biology, dairy science, agriculture, or other food-related industry. For information please contact Judith K. Kirchhoff, Paul Stafford
• Assistant/associate professor, dairy science department. Duties include teaching courses in the dairy products technology option and supervision of the dairy plant operation. Master's degree in dairy science or closely related field with dairy plant experience required. Ph.D. in dairy science or closely related field preferred with plant experience. Salary commensurate with qualifications and experience. Position available spring quarter (April, 1985). Closing date: March 4, 1985 or until candidate is selected. For additional information or an employment application contact: E. E. Starkey, Dairy Science Department, California Polytechnic State University, San Luis Obispo, CA 93407 (805/546-2560).

Meetings...


April 8–11, 1985 — 10th Annual Association of Official Analytical Chemists Spring Training Workshop, Sheraton Hotel, Dallas, TX. For information: M. Virginia Gibson, Food and Drug Administration, 332 Bryan, Dallas, TX 75204 (214/767-0312) or Molly Ready, Alcon Labs, 6201 S. Freeway, Fort Worth, TX 76134 (817/293-0450).


May 13–15, 1985 — Infant Formula Conference, Sheraton Hotel, Virginia Beach, VA. For information: Dr. James Tanner, Food and Drug Administration, HFF-266, 200 C Street, S.W., Washington, DC 20204 (202/472-5384).


October 15–17, 1985 — Conference on Food Production and Intensive Agriculture, sponsored by the Hebrew University of Jerusalem, Faculty of Agriculture, to be held in Rehovot, Israel. Contributed papers and posters are invited. For information: Mrs. J. Lasovsky, P.O. Box 12, Rehovot 76100, Israel.

NOTICE: Page Charges for Publication

The page charge per printed page is $40 for members and $80 for nonmembers for papers published in Journal of Dairy Science.

In cases where only the authors’ personal funds are available for payment, and where such payment would be a hardship, authors may request — prior to publication — a page charge waiver from Claude Cruse, Executive Secretary, 309 W. Clark Street, Champaign, IL 61820. Authors who apply for page charge waiver may not order reprints.