Fall 1989

Animal Science Newsletter, Fall 1989
ART EXHIBITS IN THE ANIMAL SCIENCES BUILDING

Art exhibits are required by Nebraska law for new University buildings. For our building, the Art Committee made three selections. Two of these are now in place. The first to be installed was a series of seven large photographs of rural Nebraska landscapes. They are located on the first level along the main hallway. These photographs were prepared by Lincoln artist, John Spence. The second to be installed is a 60" x 120" landscape of rural Nebraska painted by another Lincoln artist, Keith Jacobshagen. Mr. Jacobshagen is noted for his fine detail work in landscape paintings. The painting is located on the second level just above the student south entrance. The third art exhibit is to be located in the courtyard adjacent to the student entrance. Hopefully this art work can be installed later this fall.

IANR OPEN HOUSE TO HIGHLIGHT "NEW DIRECTIONS"

"New Directions" will be the theme of an IANR Open House October 27, 1989, at the Institute of Agriculture and Natural Resources on the East Campus of the University of Nebraska-Lincoln. Displays will be exhibited in the East Union from 10:00 a.m. to 9:00 p.m. Campus tours can be taken at 10:30 a.m., 11:00 a.m., 1:30 p.m. and 3:00 p.m. Special programs will be held in the afternoon for prospective students and their parents in conjunction with UNL Red Letter Days. Public, alumni, and friends are welcome to attend the open house and find out more about the "New Directions" of IANR.

ANIMAL SCIENCE ALUMNI NOTE

Animal Science Alumni are invited to stop by the building on Saturday, October 28, between 8:30 and 10:00 a.m. for coffee and doughnuts. This will be an informal gathering to enable you to greet friends and renew acquaintances. Note: This is the day following the IANR Open House activities, providing an opportunity to tour the Animal Science facilities on either Friday, October 27, or Saturday.

DEPARTMENT NEWS
DEATH IN THE FAMILY

The Animal Science Department was saddened October 5 by the death of Dwight F. Stephens. Dwight came to Nebraska in 1973 as visiting professor of Animal Science and director of the Japanese Agricultural Training Program (JATP). He served as director of JATP until his retirement in 1984, but continued to assist with JATP instruction through 1987.

Dwight F. Stephens
Dwight was born in Clyde, Arkansas, July 30, 1913. He received his B.S. degree from Oklahoma State University in 1938 and his M.S. degree from University of Wisconsin in 1942. Dwight served as beef cattle herdsmen at Oklahoma State University from 1943 to 1946. In 1949, he was named superintendent of the Fort Reno, Oklahoma USDA Livestock Research Station, a position he held until his retirement from USDA in 1973.

Dwight was active in a wide range of church, community and professional activities. He was recognized by OSU in 1961 as one of its outstanding animal science graduates and was selected as a member of the Animal Husbandry Hall of Fame.

Memorials can be made to the University of Nebraska Foundation in memory of Dwight F. Stephens.

RECIPIENTS OF AWARDS

FACULTY RECOGNITION

Promotions
To Regents Professor - Terry Klopfenstein
To Professor - Dennis Brink, Gene Deutscher, Don Levis
To Associate Professor - Duane Reese
To Graduate Faculty Fellow - Dennis Brink, Mike Brumm, Dale Van Vleck

Special Honors:
Elton Aberle - Received a NE Institute of Food Technologists Certificate of Appreciation
Charles Adams - Received a UNL Alumni Distinguished Service Award, a NE Institute of Food Technologists Certificate of Appreciation and a Plaque of Appreciation from NE Assn. of Meat Processors
Dennis Brink - Recipient of Nebraska Gamma Sigma Delta Teaching Award
Mike Brumm - Received the NCEA Excellence in Extension Programming Award
Chris Calkins - Received the NE Pork Producers Association Booster Award
Gordon Dickerson - Received the National Swine Improvement Federation Continuing Service Award and was the recipient of the Sigma Xi Service Award for NE
Steve Jones - Received the American Meat Science Association Educational Exhibit Award
Robert Koch - Recognition by Beef Magazine as one of "The 25 Who Made a Difference"
Don Levis - Received the Walnut Grove Livestock Service Award and the Nebraska Distinguished Extension Specialist Award
Roger Mandigo - Selected as an Outstanding Alum of the New Mexico College of Agriculture and received the Reciprocal Meats Conference Signal Service Award, the Nebraska Institute of Food Technologists Certificate of Appreciation and a Plaque of Appreciation from the Nebraska Association of Meat Processors
C.W. Nibler - Inducted into the Nebraska Holstein Association Hall of Fame
Irv Omtvedt - Received the Oklahoma State University Animal Science Department Advanced Degree Graduate of Distinction Award
Foster Owen - Received a Special Recognition Award from the Nebraska State Dairyman’s Association
Ivan Rush - Received the UN College of Agriculture Alumni Association Honorary Member Award
John Ward - Received the Nebraska Forage & Grassland Council Grassland Service Award and was recognized by the UNL Range Management Club for service as an advisor
Dwane Zimmerman - Recipient of a Walnut Grove Livestock Service Award

NON-ACADEMIC STAFF RECOGNITION

IANR Outstanding Employee Award - Joy Kovar, Research Technician and Kaye Peterson, Secretary American Meat Association Educational Exhibit Award - Bill Hayes
NE Poultry Industries Award - John Struwe, Extension Assistant
Institute of Food Technologists Certificate of Appreciation - Ruth Diedrichsen, Lab Supervisor

GRADUATE STUDENT RECOGNITION

Ralston Purina Fellowship - Mike Wolfe
Widaman Trust Distinguished Graduate Assistant Awards - Dave Green, Mark Johnson, Mark Roberson, Bill Weldon
National Feed Ingredient Assn. Scholarship - Paul Bond, Steve Christianson, Gary Louis and Bill Weldon
Arthaud Travel Fellowship - Dale Blasi, Mark Roberson, Todd Stumpf
Mussehl Excellence in Poultry Science Award - Paul Bond
Milton E. Mohr Teaching Fellowship - Tammy Tarnish
Poultry Science Outstanding Graduate Student Paper - Jihad Douglas
J.J. and Eleanor Ogle Fellowship - Luis Gama
National Pork Fellowship - Fayrene Hamouz
American Meat Association Educational Exhibit Award - Wanda Isaacs
College of Agricultural Outstanding Teaching Assistant Award - Nancy Irbeek
Carl S. Akey, Inc./BASF Corporation Scholarship - Bill Weldon
International Nutrition BASF Scholarship - Jihad Douglas
TERRY KLOPFENSTEIN APPOINTED
KERMIT WAGNER DISTINGUISHED PROFESSOR
OF ANIMAL SCIENCE

Dr. Terry J. Klopfenstein was appointed by the Board of Regents as the Kermit Wagner Distinguished Professor of Animal Science. The Kermit Wagner Distinguished Professorship was established in the University of Nebraska Foundation in memory of the late NU Regent from Schuyler.

Dr. Klopfenstein’s major research goal has been to increase the efficiency of growth in beef cattle by manipulating nutrition or productive systems. He has concentrated his research efforts on improving forage utilization by beef cattle, which is critical since forages comprise 75 percent of the total energy input of beef animals from conception to slaughter.

Dr. Klopfenstein is an internationally recognized authority on protein and crop residue utilization by ruminants. Researchers worldwide associate Klopfenstein with studies made in chemical treatment of crop residues.

Dr. Klopfenstein also is an accomplished teacher of both undergraduate and graduate students, having supervised 49 graduate students and published 53 professional journal articles during the past 10 years.

Dr. Klopfenstein holds the American Feed Manufacturers Association Nutrition Award and the Gamma Sigma Delta Teaching and Research Awards. He has been actively involved in both the Midwest and National American Society of Animal Science.

FACULTY RETIREMENTS

Donald C. Clanton was appointed Professor Emeritus upon his retirement July 1, 1989. Don’s career at the University of Nebraska began February 1, 1958. Don was reared on a western South Dakota ranch, did his undergraduate work at Colorado State University, obtained a Masters degree from Montana State University and a Ph.D. degree from Utah State University. Until

1966, Don was located in Lincoln teaching advanced production courses and conducting range-related research both here and at outlying experiment stations. In 1966, Clanton assumed responsibility for the beef cattle research program at the North Platte Station and its satellite, the Sandhills Ag. Lab. Then in 1981, he became coordinator for beef cattle and range research at the Gudmundsen Sandhills Laboratory.

John Ward officially retired from his faculty position in the Animal Science Department and was appointed Professor Emeritus effective July 1, 1989. However, he will continue a partial appointment until January 1, 1990, to assist in teaching Livestock Management on Range and Pasture and work with two graduate students in completion of their advance degrees. John began his career in the Animal Science Department as a visiting professor and then was added to our staff in 1968. John was born and reared near Litchfield,
NEW PROGRAMS IN THE DEPARTMENT

New Look in the Animal Science Curriculum!!

Beginning in the fall of 1990, Animal Science courses will have a "New Look." This new curriculum is the product of an intensive curriculum redevelopment project involving the entire Animal Science faculty. Responding to the comments and suggestions of students, industry and colleagues from other universities, the faculty initiated a project to build a new series of courses, assuming that all currently offered courses were non-existent. After two years and many rounds of proposals, discussions and revision, the new curriculum evolved. Some highlights of the new curriculum include: enhanced freshman courses that provide a comprehensive look at animal agriculture, animal production systems, current issues in animal production and product utilization and careers. There are opportunities for students to develop their own career options by allowing students approximately 30 credit hours for development of specializations of their choice. Also added to the curriculum is a senior level course which involves the development and utilization of integrative problem-solving in the analysis of animal production systems.

Microcomputer Cow/Calf Record-Keeping Program Developed

The University of Nebraska has released a microcomputer cow/calf record-keeping program, PC-COWCARD. The Nebraska PC-COWCARD program was written with the commercial cow-calf producer in mind. It was designed to provide a transition from the hand-kept COW-CARD and the former AGNET WEAN and YEARLING programs. The program uses the hand-kept records as a base and then carries out many more tasks, plus other features.

The program is totally menu driven and requires a very minimum of computer knowledge. Features of the program include a COW HISTORY card that contains information about vaccinations, measurements, or performance of any of her progeny. The BULL CARD contains information about the bull and performance of his progeny. Worksheets for breeding, pregnancy checking, calving, weaning, and yearlings can be generated. The program has a sort feature that allows producers to sort performance of the herd many different ways.

The program is designed for an IBM or IBM compatible computer with at least 640K capacity and at least 10 megabyte hard disk. Authors were Ron Roebef and Ivan Rush.

Feedlot Management Specialty in Animal Science and Agricultural Economics

A new program in feedlot management has been added to the UNL Animal Science and Agricultural Economics major options. The purpose of the Feedlot Management Specialty is to provide intensive training to prepare students for careers in feedlot management and with organizations directly associated with the feedlot industry, such as financial institutions, feed companies and other agribusiness companies. Students are selected annually for the program. Segments of the class are taught informally by Dr. Terry Klopfenstein, Animal Science, and Dr. Mike Turner, Agricultural Economics. Topics include personnel management, marketing, cash flows and economics. The program also includes 4-5 months of on-the-job training in feedlots from mid-July to the end of November. In most cases, it is anticipated that more than 128 hours and 8 semesters of study will be required to meet the objectives of the specialization designed around this class.

Three students have finished the first year's program. Greg Adair is now Assistant Manager at Roberts Cattle Company, Lexington; Ron Koranda has accepted a position as Office Manager, Dinklage Feedlot, Sidney, and Scott Freiberg will be graduating from UNL in December. Three students are also currently enrolled in the second year's program—Terry Heinle, Ryan Schultis and Dick Travis.

ENROLLMENT TRENDS

While undergraduate student enrollment within the University of Nebraska had experienced a steady decline in student numbers since the early 1980's, enrollment trends for this academic year have taken a turn in the positive direction. Overall student enrollment within the University for the 1989-90 academic year showed a modest increase in student numbers. More importantly, undergraduate students enrolling with majors in Animal Science have significantly increased from a total of 180 for the 1988-89 academic year to 203 (1989-90). This 12.8% increase in Animal Science student numbers is viewed as a most favorable response to education and to the livestock industry.
John Klosterman, a prominent David City, Nebraska livestock producer, was selected as the 54th Block and Bridle Hall of Fame Honoree. Mr. Klosterman's portrait has been added to the Hall of Fame Gallery in the Animal Sciences building.

John has been active in many livestock affairs in Butler County and throughout Nebraska, including serving as president of the Nebraska Livestock Feeders Association (1970-71) and vice president of the national organization in 1976. His current operation includes 1,600 acres of diversified crop production, 125 head of beef cows and a feedlot capacity of 1,800 head. He has additional farming operations in Nance County and in Colorado. John was a strong proponent of the merger of the American National Cattlemen's Association, serving on the consolidation study committee that drew up the merger plan. Since the formation of the NCA, he has chaired several committees and served on both the Board of Directors and the Executive Board.

John was one of the people organizing the Nebraska Feedlot Council (1986) and was elected to its Board of Directors. He was appointed to the Consolidation Committee, guiding the successful merger of the Nebraska cattle organizations into the Nebraska Cattlemen. He was selected the Nebraska Cattlemen's first president.

Serving as chairman of the Butler County Hospital Board of Trustees since 1971, John is very proud of the new hospital, the expansion of the services to include new resident doctors and arrangements for specialists to make the facility a leading medical facility. He has a sincere interest in the David City community, having served on many local development programs and Chamber of Commerce activities. John has also been a strong supporter of the University of Nebraska, IANR and the Animal Science Department. Among his many contributions to the Institute are special efforts as a member of the Ag. 40 Group, the 2001 Task Force and the Departmental Review Committee. He serves the total University community as a member of the University Foundation Board of Trustees. We are very pleased and proud to have John D. Klosterman as our 1989 Block and Bridle Honoree.


The Senior Livestock Judging Team competed at the following contests:
Mid-America Classic, Northern International Livestock Exposition; American Royal and North American Livestock Exposition. Their placings were 9th, 3rd, 16th and 12th, respectively.

SENIOR MEATS JUDGING TEAM: Front Row (L to R): Bucky Gwariney, Coach; Eric Monson, Teresa Downey. Buck Row (L to R): Dr. Dennis Burson, Faculty Advisor; Rich Renken, Ivan Holeman, Dr. Elton Aberle, Department Head.

The Senior Meats Team competed in the Excel High Plains Contest, the Iowa State University Contest, and American Royal Contest and the International Meat Judging Contest and placed 9th, 6th, 12th, and 13th, respectively.
The Horse Judging team competed at the Quarter Horse Congress and the AQHA World Contest placing 13th and 9th, respectively.

The Nebraska Beef Industry Development Board, the Nebraska Pork Producers Association and The Knights of Ak-Sar-Ben provide grants that help to support the judging teams travel expenses. These organizations deserve a special “Thank You” for helping make the judging team program possible.

Karen Cull was selected to be regional secretary of the national club.

ALUMNI INFORMATION

In an effort to keep us better informed as to your location, professional involvement and items of interest, we would appreciate your completing the following information sheet and return it to Edd Clemens, A224 Animal Sciences, University of Nebraska, Lincoln, NE 68583-0908. Should you know the whereabouts of Animal Science Alumni who are not receiving this newsletter, please let us know how we may contact them.

Name ___________________________ Date of Graduation __________
Address __________________________ City _________________________
State ___________________________ Zip Code ____________

Position, Company, Address:
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News Items, Comments, etc.
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## Calendar of Events for 1989-90

### Sheep and Goats
- **Nebraska Sheep Symposium**
  - Nov. 10-11, Gr. Island
- **NE-IA-KS Angora Goat Symposium**
  - Nov. 17, Lincoln

### Dairy
- **Area Dairy Days**
  - Dec. 4, Ravenna
  - Dec. 5, O'Neill
  - Dec. 6, Hartington

### Beef
- **IRM Field Day Feedlot Management and Health Seminar**
  - Nov. 8, Lawrence
  - Nov. 28, Arlington
  - Nov. 29, Wayne
  - Nov. 30, Grand Island
- **Range Beef Cow Symposium**
  - Dec. 5-7, Rapid City, SD
- **Nebraska Cattlemen - winter meeting**
  - Dec. 11-12, North Platte
  - Dec. 12, Nebraska City
- **4-State Beef Conference**
  - Jan. 15, Superior
  - Jan. 16, Neligh
  - Jan. 17, Burwell
- **Low Input Beef Production Conference**
  - June 13-14, Omaha

### Swine
- **Swine Feed Mixing Workshops**
  - Jan. 23, Mirage Flats
  - Jan. 24, Imperial
  - Jan. 25, Kearney
  - Feb. 20, Deshler
- **Nebraska Pork Industry EXPO and Feeder Pig Show**
  - Feb. 7-8, Columbus

### Horse
- **R.B. Warren Judging Teams' Reunion-UN**
  - Mar. 31, Eastern NE
  - June 19-22, Western NE
  - June 25-28, Grand Island
- **Nebraska State Horse Exposition**
  - July 16-19, Grand Island