STUDENT NEWS

This promises to be a banner year for the Department. The best news is the splendid increase in student numbers. During the spring semester of last year in the College of Engineering there were 57 agricultural engineering students enrolled; presently the enrollment stands at 92. In Option III, Agricultural Science Curriculum, 28 agricultural engineering students are enrolled. Thus, the total enrollment in agricultural engineering curricula is 120. Undergraduates in the Agricultural Mechanization option, curriculum in general agriculture, number 32.

On Tuesday evening, September 14, the staff of the Department entertained the agricultural mechanization majors. Dean Cecil D. Smith, College of Agriculture, Mr. W. T. "Tom" Morgan, Office of Student Services; and Dr. Lanham gave welcoming remarks. Master of ceremonies was Dr. D. L. "Don" Day. There seemed to be a wide variation among the audience as to an evaluation of Don's ability as a story teller but all agreed his humor was different. The formal program was followed by games involving "mechanization skills" and then food - lots of it and all supplied free by the department staff.

A more than capacity crowd attended the student-staff stag party for the agricultural engineering students held on Thursday evening, September 16. The program was similar to the party for the "ag mech" students. Welcomes were given by Dean Howard Wakeland, College of Engineering; Dean Karl Gardner, College of Agriculture; Dean John Scouffas, Office of Student Services; and Dr. Lanham. Again games and an abundant supply of food climaxed the evening.

Agricultural Engineering Educational Awards were presented to two new agricultural engineering students at the student-staff stag party on Thursday evening, September 16. The award made possible by the loyalty and professional dedication of Professor Emeritus Ralph C. Hay went to Darrell Wayne Phillips from Olney. Darrel is entering the agricultural engineering curriculum at the junior level having graduated from Clay City High School and after spending two years in pre-engineering at Olney Central Community College. A second award made possible by the generosity of Illinois agricultural engineering alumni went to Eric Vincent Sward. Eric is a freshman in the agricultural engineering curriculum and comes from Rockford. A third award made possible by contributions from department staff members will be awarded at a later time. The awards consist of a check for $250.00 and are awarded to new agricultural engineering students on campus based on academic and professional potential as judged by the Department Committee on Awards.

ALUMNI NEWS

R. Wayne Provart '59 is a candidate for a seat in the Minnesota House of Representatives. Wayne operates his own firm specializing in attitude development. Prior to going into business for himself, he was employed by Armco Steel Corporation for 12 years. He has served as chairman of the Educational Committee, Minnesota Society of Professional Engineers and in 1970 was named "Outstanding Young Engineer" by the North Capital Chapter, MSPE.
A summary of the research of Richard J. "Dick" Godwin '70 appears in the September 4 issue of Prairie Farmer. Dick and his research associates in England have gained prominence through innovative concepts in machine design and adaptations for sub-soiling. Soil compaction is an increasingly serious problem in many food producing areas of the world.

Effective October 1, 1976 Dr. Roscoe L. Pershing '64, '66 will become Division Engineer - Advanced Products, John Deere Ottumwa Works, Ottumwa, Iowa. The division is being created for the purpose of developing new or improved systems for hay and forage harvesting to include plant residues.

Dr. J. B. "Jim" Allen '58 passed away on September 12. Jim was an associate professor, Agricultural and Biological Engineering Department, Mississippi State University.

Dr. D. F. "Dean" Hopkins '51 was a recent visitor in the Department. Dean and his family camped across country visiting friends and family members. The children in the Hopkins family range from a 4 1/2 year old son to a daughter who is a forestry major at Idaho State University, Boise. Dean is Section Chief, Advance Propulsion, Research and Development, Advance Systems and Technology, McDonnell-Douglas Aircraft Company, Santa Monica, California.

Ray Huhnke '74 is now associated with the Midwest Plan Service, Department of Agricultural Engineering, Iowa State University, Ames 50011.

Mark D. Zimmerman Ag Mech '63 authors an article in Machine Design 48:72-75, August 12, 1976, entitled "Inflation Out-Paces Engineers Paychecks". Mark is senior editor of Machine Design.

Professor Herman J. Finkel '40 served for many years as the founder and Dean of the Faculty of Agricultural Engineering, Technion, Israel Institute of Technology, Haifa, Israel. He then acted as Vice President for Academic Affairs for that Institute for 3 years, and resumed for another 2 years the post of Dean of Agricultural Engineering. During all of this period he served intermittently as consultant to FAO, UNESCO and several private consulting firms in the field of irrigation and soil and water, in many countries of Latin America, the Caribbean, Africa, the Middle East, and the Far East. He elected to take early retirement and heads his own consulting firm of Finkel and Finkel with his son, Moshe, a graduate Agricultural Engineer. The firm works in Israel and internationally, with recent projects in Iran and the Caribbean. Special fields of interest just now are sand dune control and treatment of waste waters for recycling as irrigation water.

A. B. "Al" Chidley '65 is now manager of engineering computer services, Deere and Company, Dubuque, Iowa. Al and Mrs. Chidley live at 2682 Maywood with their children Mark 9 and Chris 7.

A. L. Menzel '65 is senior engineer, Deere and Company, Dubuque, Iowa. He is presently assigned to forestry products and is involved in the design and development of a tree harvester.

John D. Reep '72 is farming 520 acres in the Melvin area. John and Mrs. Reep (Denise) have one daughter Erica and are expecting a second child in October. The family receives mail on R.R. 1, Melvin, Illinois 60952.
Richard L. Bengtson '67, a commissioned officer in the Field Artillery, United States Army, has returned to the United States after serving 45 months in Germany. He is assistant S-3, Field Artillery Training Center, Fort Sill, Oklahoma. His responsibility centers about the coordination and scheduling of training for field artillery personnel. Richard receives mail at 4211 Camden Way, Lawton, Oklahoma 73501.

STAFF NOTES

The Water Resources Center, UIUC, recently published a water resources directory for Illinois. Included were three department staff members: Dr. Walter D. Lembke '51; Dr. J. Kent Mitchell '70; and Dr. Dale H. Vanderholm. Also included was Dr. Benjamin A. Jones, Jr., '49, '50 acting director, Illinois Agricultural Experiment Station.

Dr. Marvin R. Paulsen is the second of three authors of an article "Corn Breakage as Affected by Handling During Shipment", Grain Industries Plants 44:8-11, 14, No. 7 July 28, 1976.

Several staff members had prominent parts in the Sheep Research Expo held on September 18 at the Dixon Springs Agricultural Center. Mr. Douglas Bauling '62, '64 discussed the slotted floor barn; Professor A. J. Muehling '50 told of different types of slotted floors; and Dr. E. F. Olver and Professor H. B. Puckett described and demonstrated an automated feeding system designed and developed in the Department and installed at the Center.

On September 13-14 a team of seven agricultural engineers from the Peoples Republic of China were guests in the department. Dr. Errol D. Rodda '51, '60 served as coordinator for the visit. Dean Orville G. Bentley, College of Agriculture greeted the group and welcomed them to campus. They were interested in practically all the on-going research programs in the Department including mechanized swine production, farm machinery management, grain harvesting equipment and grain conditioning and storage. Even though the interpreter was excellent it is a slow, somewhat tedious process to transfer information when two languages are involved. Members of the group, particularly on the second day, seemed relaxed and highly receptive to the lectures and demonstrations arranged for them.

It is United Way campaign time again in the Urbana-Champaign-University community and Mr. Elbert Dickey '70, '74 is for the third time heading the drive in the Department. Members of the Department have always exceeded the assigned quota and Elbert predicts that this year will see a continuation of the excellent record of giving.

On September 16 Dr. D. L. Day was featured on a WCIA-TV television show dealing with the refeeding of swine waste. The feature was presented at 6:55 a.m. and again at approximately 12:10 p.m. on that day. The story was based on research results developed in the Department through the Illinois Agricultural Experiment Station. The story was developed by the Information Division, Illinois Agricultural Association.

One of the most enjoyable and impressive events in the history of the Department was the recognition dinner for Dr. and Mrs. John Matthews held at the Round Barn Convention Center, Champaign on Saturday evening September 11. Many relatives and out-of-town friends of Alice and John were among the more than 100 who attended. Dr. Donnell R. Hunt had prepared a most interesting "This is Your Life" presentation and Professor Emeritus Frank W. Andrew '47 presided over the initiation ceremony in which John became a member of the Department EMER-I-TUS Fraternity. The Department staff gave John a power band saw as a retirement remembrance. Brief remarks were made by Dean Orville G. Bentley, College of Agriculture and Dr. Lanham. The event was an evening of thanksgiving for dedicated individuals such as John and Alice and for the wonderful blessing of friends and friendship.
Professor A. J. Muehling '50 participated in the Tri-State Ag Day, September 1 and 2, held at the Dubuque County, Iowa, Fairgrounds. The Cooperative Extension Services, from Illinois, Iowa and Wisconsin cooperated in the event. Over 2000 area people attended the speaking program and commercial exhibits. Professor Muehling spoke on swine finishing facilities, making his presentation twice daily.

FROM THE NEWSLETTER FOLDER

The Department will co-sponsor a three day workshop on sludge disposal, October 18-20. The coordination of planning, design and operating with current regulations covering land disposal systems for municipal sewage sludge, municipal waste water and septic tank sludge will be discussed. In conjunction with the workshop an equipment show will include displays by manufacturers of machinery related to land application of wastes. The workshop and show have been developed to be of special interest to consulting engineers, sanitary district personnel and others with an interest in land application systems. Additional sponsors include the Illinois Environmental Protection Agency and the Illinois Institute for Environmental Quality. Spearheading arrangements has been Dr. Dale H. Vanderholm in the Department.

Frank B. Lanham