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Dinsdale Family Luncheon
April 17, 2006
John C. Owens
NU Vice President and IANR Harlan Vice Chancellor

Today we celebrate and honor the 2006 recipients of the Dinsdale Family Faculty Awards, made possible by the generosity of the Dinsdale family.

We certainly appreciate the Dinsdale family's support of these awards and the Institute. The Dinsdale Family Faculty Awards provide tremendously important recognition for pre-tenure faculty in IANR who have demonstrated a sincere commitment to academic excellence through outstanding teaching, research, and outreach. All of that is valuable to us here in the Institute.

When Roy Dinsdale provided the funds for this award, in support of his alma mater and his family's interest in agriculture, he provided us a gift that allows us to recognize excellence in the Institute in ways we otherwise would not have. He also demonstrated, through his actions, the support and value his

family places on our work and contributions to Nebraska. We thank them for that. It means a great deal to all of us who work in the Institute.

This year our Dinsdale Family Faculty Awards winners are Dr. Greg Bashford in the Department of Biological Systems Engineering and Dr. Galen Erickson in our Department of Animal Science. I'd like to share with you some of the information from their nominations that demonstrates why they are such tremendous recipients of these awards.

Our Biological Systems Engineering Department has a long-term goal to become a research and instructional leader in biomedical engineering. Since joining our faculty in 2003, Dr. Greg Bashford has developed and taught three courses for us – one in biomedical signal analysis, another in medical imaging, and a third in advanced ultrasound imaging. He has significantly revised a fourth course, an introduction to biomedical engineering, and is developing a new course in biomedical – INSTRUMENTATION.

instrumentation.

Dr. Bashford received his Ph.D. from Duke University, and leverages his 10 years of industry experience to guide students who wish to pursue jobs in the medical fields. He's known for his helpfulness in advising students interested in a biomedical engineering career. Many of his students say how much they appreciate his understanding of industry facets of recruitment, interviewing, and negotiating – it is helpful to them.

Dr. Bashford is an active participant in our Agricultural Research Division Undergraduate Honors Program, and the University of Nebraska-Lincoln UCARE – Undergraduate Creative Activities and Research Experiences – program

He's involved in establishing a program with Bryan/LGH Hospital here in Lincoln to create student internships for working on artificial heart pumps.

His nominator praised the strong biomedical engineering research program Dr. Bashford has initiated, focusing on using diagnostic ultrasound to assist in detecting illness and enhancing —

treatment,

treatment. He has a strong-network among faculty members in the College of Engineering and Technology, at the University of Nebraska Medical Center, and at Madonna Rehabilitation Hospital. He has presented his work from UNL at both regional and national conferences, and achieved a body of scholarly work completed before coming to UNL, including eight awarded patents.

We appreciate the way Dr. Bashford participates in departmental service and activities, including recruiting and outreach. I'm told he'll often drop what he's doing to talk with visiting high schoolers interested in biomedical engineering, showing them his newly constructed lab with its state-of-the-art commercial ultrasound-machine.

His nominator noted that most of the students enrolled in our biomedical engineering emphasis area are here because of Dr. Bashford's excellence in teaching, advising, and mentoring. We are so pleased to honor Dr. Greg Bashford with a Dinsdale Family Faculty Award.

Dr. Galen Erickson, a member of our Animal Science Department since 2001, is this year's second Dinsdale Family Faculty Award recipient.

Dr. Erickson's areas of specialty include: nutrition-environmental interactions in feedlots; grain utilization-processing and starch use; corn byproduct utilization; protein utilization and requirements of feedlot cattle; and nutritional effects on pathogen excretion.

Since he received his Ph.D. from UNL in 2001, Dr. Erickson has published 17 published refereed journal articles and had 15 in-press refereed journal articles at the time of his nomination. He has written a number of technical articles for the annual Nebraska Animal Science Beef Cattle Report, abstracts presented at professional meetings, and one book chapter.

His nominator noted Dr. Erickson led the beef subcommittee in a joint effort of the Federation of Animal Science Societies and the American Society of Ag Engineers to develop a standard for predicting livestock and poultry manure production — characteristics

characteristics including excreted nutrients, ~~because today's estimates are obsolete~~. Developing innovative ideas incorporated into the new standards is quite an accomplishment for a scientist at the beginning of a career.

Dr. Erickson is faculty supervisor of our Beef Feedlot research facility at the Agricultural Research and Development Center near Mead. He's provided leadership for planning and construction of the expansion of the feedlot facilities. In one year Dr. Erickson was listed as investigator or co-investigator on research grants totaling $1,268,000. As part of his extension-education appointment, he works to enhance programming in feedlot nutrition and to increase our state's agriculture and agribusiness competitiveness. He also mentors both undergraduate and graduate students, and is the instructor for undergraduate classes in beef feedlot management, our feedlot internship program, and the graduate class feedlot nutrition and management.

Dr. Erickson was active in efforts that raised $100,000 for

the Klopfenstein Student Excellence Fund at the Foundation, and coordinates the call for applications and selecting those receiving the undergraduate scholarships that Fund provides. He's a member of the Department's Undergraduate Recruitment Committee, and has served as academic advisor for both the undergraduate Block and Bridle Club and the Animal Science Graduate Student Association. It is good to have this opportunity to celebrate Dr. Erickson's excellence in research, teaching, and extension education with a Dinsdale Family Faculty Award.

Thank you for being here today. It is such a pleasure to have this opportunity to celebrate the vision and generosity that brought the Dinsdale Family Faculty Awards into being, and to applaud the extremely talented people who are this year's recipients. Thank you.