10-10-1998

University of Nebraska Animal Science Department Centennial Book of Memories

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CENTENNIAL SCHEDULE OF EVENTS
Saturday, October 10, 1998

Daytime Program: Animal Science Building

9:00 to 11:00 Optional Tours for Early Arrivals
  • George Beadle Center
  • Food Processing Center

11:00 to 3:00
  ▶ Youth Focused Activities
  ▶ Emeriti Faculty Memory Lectures
  ▶ Departmental Displays, Past and Present Programs
  ▶ View Departmental Videos
  ▶ Visit with Alumni, Industry Officials, and Faculty

11:30 to 1:30 Lunch Served

3:00 to 5:00 Class Reunions
  Judging Team Reunions

5:30 to 9:30 Child Care (two years and older) in the Husker Kids Program
  (Campus Recreation Center)

Evening Program: Cornhusker Hotel

6:30 to 7:00 Social Gathering

7:00 to 9:30 Buffet Dinner and Program
  • Comments from Selected Persons
  • Keynote Speaker: Chuck Schroeder
  • Close with Departmental Video

** All Participants Are Expected to Register by October 1 **
Animal Science Department
Centennial Celebration
October 10, 1998

Program

WELCOME - Roger Mandigo

Invocation - Dennis Brink

“Big Red Buffet”
Fresh Garden Salad with Choice of Dressings
Fresh Seasonal Fruit
Chicken with Herbs
Roast Beef with Madiera Mushroom Sauce
Chef's Potatoes
Chef's Fresh Vegetables
Rolls and Butter
Cornhusker Cakes and Pastries
Coffee, Tea and Milk

Introductions - Roger Mandigo

Comments - Vice Chancellor of IANR - Irv Omtvedt

Keynote Address - Charles P. (Chuck) Schroeder
National Cattlemen’s Beef Association

Video - “An Era of Excellence”

Closing Comments - Roger Mandigo
Dear Alumni and Friends of Animal Science:

This year marks the 100-year anniversary of the Department of Animal Science at the University of Nebraska. Our history is a rich one, with many achievements of our students, our research programs, and our service and outreach to the animal industries of Nebraska, the nation, and the world. With over three thousand alumni, we have an outstanding legacy in the development of animal industry leaders.

On Saturday, October 10, we will celebrate these one hundred years of achievement with several activities in Lincoln. Enclosed you will find descriptions of the program during the middle of the day, held "at home" on campus in the Animal Science Building. In the evening, we have a dinner at the Cornhusker Hotel in downtown Lincoln. After the dinner, we will hear from Chuck Schroeder, commenting on our past and our challenges for the future.

The Faculty of Animal Science invites you to take part in our Centennial Celebration. A registration form is enclosed, and we hope that you can be our guest for this celebration of our collective past. Because you have made contributions to our history and are special to us, our celebration event will be meaningful only if those like yourself can come and celebrate with us.

We are also compiling a book of commemorative letters, where you can share with others what the Department of Animal Science has meant to you. Even if you can not be in Lincoln for the events on October 10, we invite you to send a commemorative letter.

With expectations for a festive and meaningful Centennial Celebration, we look forward to hosting you in Lincoln and continuing to have you as part of the role and mission of Animal Science in Nebraska.

Sincerely,

Roger W. Mandigo
Interim Department Head

enclosures: registration, program, order form
# ANIMAL SCIENCE CENTENNIAL

**Saturday, October 10, 1998**

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**Name**

**Address**

**City**

**State/Zip**

**Telephone**

---

**Accompanying Persons:**

**Name**

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**Alum**

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
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<table>
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<tr>
<th>Degree</th>
<th>BS</th>
<th>MS</th>
<th>PhD</th>
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**Care will be provided during the evening program for children ages 2 and older.**

**Number of children:**

---

**Quantity x Cost = Subtotal**

<table>
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<tr>
<th>Registration (includes Animal Science History and key chain memento)</th>
<th>1</th>
<th>$10</th>
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<tbody>
<tr>
<td>Lunch at Animal Science Building</td>
<td></td>
<td>$4</td>
</tr>
<tr>
<td>Dinner at Cornhusker Hotel</td>
<td></td>
<td>$12</td>
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<tr>
<td>Additional Animal Science History</td>
<td></td>
<td>$10</td>
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<tr>
<td>Additional key chain memento</td>
<td></td>
<td>$3</td>
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</tbody>
</table>

**Grand Total**

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**Payment to Animal Science Centennial must be submitted with registration.**

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**Send to:**

Centennial Registration  
A218 Animal Science  
University of Nebraska  
Lincoln, NE 68583-0908
Registration table and Ani. Sci. cap sales.
Roger Mandigo setting up lunch buffet with assistants.

Left to Right - Beulah Waldo, Willard Waldo, Ed Janike.

Crowd shot of people enjoying the centennial.
Left to Right - Lena Braun and M. Jones in lunch buffet line.
Stop 2 - Physiology Teaching Program: Demonstration of physiograph and other physiology teaching equipment. Left to right -- Russ Parrott, Jeff Hall, Jay Hall (hooked to physiograph), John Ward.

Stop 2 - Jay Hall, hooked to physiograph. John Ward, graduate student.
Stop 3 - Left to right -- Cyril Bish with graduate student Mark Allan.

Stop 5 - Microbiology in Beef Nutrition: Demonstration of techniques used to evaluate the role of microorganisms in ruminant nutrition. Left to right -- Bruce Treffer, Gary Stauffer, graduate student Mark Morrison.
Stop 2 - Front to back -- Sage Henderson, Shea Henderson, with mother Sally Klein-Henderson.

Stop 3 - DNA Markers & Gene Mapping: Demonstration of techniques to identify the location of genes.
Stop 7 - Pictured is Lyle Robeson with chicken in front of display.

Stop 8 - Swine Teaching and Research: Farrowing sows with baby pigs plus other aspects of swine programs. Pictured is graduate student Steve Kitt standing beside farrowing crate.
Stop 6 - Cattle Metabolism: Role of fistulated cattle in metabolism studies. Left to right -- Bob Gingery, Alice Gingery, with graduate student D.J. Jordan looking at fistulated steer with Ph. monitor.

Stop 6 - Left to right -- Bob Gingery, Alice Gingery, with graduate student D.J. Jordan looking at fistulated steer.

Stop 7 - Omega Egg Production: Demonstration of methods used and facilities available.
Stop 9 - Levi Valentine, 8-year-old son of John and Holly Valentine looking through microscope.

Stop 9 - Beef Physiology Ultrasound: Pregnancy determination and monitoring ovarian status via ultrasound. Left to right -- Levi Valentine, 8 year-old son of John and Holly Valentine, with graduate student Marc Knobbe looking through microscope.

Stop 10 - Horse Teaching Program: Demonstration on horse nutrition and body condition of horses and foals.
Stop 11 - Beef Teaching Herd: Display of Angus and Husker Red cow-calf pairs and Angus sire evaluation program. Pictured is Jim Gosey with cattle.

Stop 11 - Pictured is Jim Gosey with cattle.
Stop 12 - Undergraduate Research: Display of research projects conducted by undergraduate students. This mice research was looking at the genetics of blindness. Pictured is graduate student Edward Cargill and 17 blind mice.

Stop 12 - Pictured is graduate student Edward Cargill with mice.
Stop 13 - Dairy Teaching Module: Demonstration of distance education module used to teach dairy production with Southeast Community College. Left to right -- Ivan Rush, Jim Kinder at computer.

Stop 13 - Left to right -- Jim Kinder, Ivan Rush at computer.

Stop 13 - Left to right -- Jim Kinder, Ivan Rush at computer.
Stop 14 - Computer Assisted Management: Demonstration of a variety of computer programs being used in animal management, extension and teaching programs. Pictured is computer lab.

Stop 14 - Graduate student Vicente Vega in computer lab.

Stop 1 - Meat Quality: Evaluation of meat tenderness and palatability. Display of quality attributes of meat. Left to right -- Andrew Burson, Ryan
Stop 1 - Left to right -- Andrew Burson, Ryan Baumert, Rebecca Burson.

Stop 1 - Left to right -- Kristen Burson, holding bacon; Rebecca Burson, Andrew Burson.
Stop 4 - Pork & Poultry Nutrition Research: Demonstration of equipment used to evaluate protein and mineral composition of feedstuff.

People watching the Nebraska football game during the Ani. Sci. Centennial.

Left to right - Roger Wehrlein, Paul Johnston, Maxine Johnston, Bob
Left to right - Merlyn Nielson, Rodger Johnson, Brad Freking.

Left to right - Roy Carlson, Irv Omtvedt.

Left to right - Chris Beuchle, Kathy Beuchle, Roxanne Oldfather, Dave.
Left to right - Chris Beuchle, Kathy Beuchle, Roxanne Oldfather, Dave Oldfather.

Left to right - Dave Hamilton, Chuck Schroeder.
Left to right - Steve Grosserode, Pat Grosserode.

Left to right - Wanda Omtvedt, Irv Omtvedt, Edna McBreen, Wanda Mandigo, Roger Mandigo, Chuck Schroeder.

Left to right - Judy Edwards, Don Edwards.
Banquet Speaker Chuck Schroeder at podium during evening banquet.
Left to right - MeriLynn Pherson, Bruce Treffer, Cindy Wolverton.

Left to right - Jennifer Boruch, Richard Boruch, Scott Kurz.
October 6, 1998

Animal Science Department
PO Box 830908
Lincoln, NE 68583-0908

Dear Friends:

As Governor of the great State of Nebraska, it gives me pleasure to offer congratulations upon the 100-year anniversary of the Department of Animal Science at the University of Nebraska. Although I cannot be with you to help you celebrate, please know my thoughts are with you.

For 100 years, the Department of Animal Science has produced outstanding students that have contributed much to the animal industries in Nebraska, the nation and the world. The benefits of all the work the Animal Science Department has done is immeasurable. The Animal Science Department has been a valuable partner to Nebraska’s agriculture economy.

Once again, congratulations on your 100th anniversary. Best wishes for another 100 years of success.

Sincerely,

E. Benjamin Nelson
Governor
August 21, 1998

Dr. Roger W. Mandigo  
Interim Department Head  
Animal Science Department  
P.O. Box 830908  
University of Nebraska-Lincoln  
Lincoln, NE 68583-0908

Dear Dr. Mandigo:

Thank you for the Invitation to attend your Centennial Celebration on Saturday, October 10. Unfortunately, I will not be able to attend but have enclosed several comments for your book of commemorative letters.

I was an Animal Science major during the years of 1955-59. Dr. Loeffel was the distinguished Head at that time and Dr. Peo was my adviser. The Department had an excellent staff of very dedicated individuals that knew and discussed their subjects very well. I have always been very proud of my B.S. and UN-L and thus very pleased when one of my children, Pam, accepted the bait and attended UN-L---received a B.S. in Arts & Science plus went on to Omaha to obtain her Medical Degree and is now practicing ER in Chicago. Her husband is also a UN-L graduate.

My Technical Science Animal Science major gave me an excellent background for advanced degrees and a lifetime of work in agriculture (teaching, research, feed company, premix company, trade association and now independent consultant having been involved with technology transfer in 32 different countries). The two individuals that spent the most time with me and to whom I shall always be grateful are Professors Peo and Warren.

Wishing you continued success in your next 100 years.

Sincerely,

[Signature]

Ronald H. Kohlmeier Ph.D., D.V.M.  
Consultant - International Animal Nutrition  
B.S. Animal Science 1959 UN-L
Dear Mr. Amendola:

I am sorry that I can't attend the annual Science Centennial Celebrations. My major at the
University was Animal Husbandry. I received a
very outstanding education at the University of
Nebraska. I was a member of the Junior and
Senior Livestock judging teams. These teams
were coached by Prof. Ray Eschwege, Robert
Miller, 1938-1941. We have won a national team title
but won many species first places. We were
always in the top five teams at the Kansas City
Royal, Chicago International Livestock, San
Diego and Fort Worth Livestock shows. I was a
member of the Black & Bridle Club.

When I graduated from the University of
Nebraska, I received a Fellowship to do graduate
work at Cornell University under the guidance of
Prof. E.B. McVicker. After I finished my
Master's degree I joined the Army in 1942.
I rose to the rank of major. After the war
I was offered a full professorship at California
State University in Fresno. I became the
Chairman of the Animal Science Department and
served at that for thirty-six years.
I am now retired. Best wishes for the
department for the next many years.

Prof. Edwin J. Rousek
1175 W San Madele
Fresno, Calif.
93711
September 8, 1998

Dr. Roger Mandigo  
Interim Department Head  
Animal Science Department  
PO Box 830908  
Lincoln NE 68583-0908

Dear Dr. Mandigo:

Thank you very much for the invitation to attend the 100-year anniversary of the Department of Animal Sciences at the University of Nebraska. It is very unfortunate that I had previous commitments for that particular day, that do not allow me to attend. It is nice to be part, small part, of such a history.

In your letter you invite people to write commemorative letters to share what the Department has meant to us. I do not think this is one of this letters, specially since it is still written in “spanglish”. As you may know, my career, after finishing my master at UNL; has gone from research and teaching to administration at several levels to my present entrepreneurial endeavors.

My training at the department has been a key event in my life. As a young foreigner I arrived to Nebraska with nothing but a bag full of dreams and uncertainties. Several years later, with a master and doctoral degrees on my shoulder (this last one from WVU), I discovered that the most important part of my training has nothing to do with learning techniques or conducting experiments. It had to do with people. I guess I was fortunate to work with such a wonderful group of administrator, professors, technicians and help in the farm. Their attitude, knowledge and help are still producing effects in my life. Thank you for all the good times!

Sincerely,

Miguel Garcia Winder  
V.P International Marketing  
T.C. Jacoby & Co.
Dear Dr. Mandigo:

I thank you for your circular letter dated & numbered No. 1 concerning Animal Science Centennial Celebration on Saturday, Oct. 10, 1998.

I did my M.S. in Dairy Husbandry from Dairy Sci. Dept. in 1951-52. Mr. M. Plum was my advisor. I took Animal Nutrition Course in Animal Sci. Dept. under Dr. Pec. While in America, I was financially supported by Rockefeller Foundation. My family was with me & my middle son was born in Lin. Neb. He is now American Citizen & working as Computer Scientist with Boeing Co. My other son is famous for civil aeroplanes. He is married & has 6 yr. old son.

I am staying in Thousand Oaks as an address given above. This is my 3rd trip to USA. I came here on 29th May 98 & now returning on 29th June 98. If Dr. Duros knewing an advance about Animal Sci. Centennial Celebration, on Oct. 10, 1998, I would have definitely participated in celebration. I am sorry for missing this wonderful opportunity. I wish to convey my good wishes for success of the program to members of faculty & alumni.

If any Alumni of my batch comes to join the celebration, please convey my best wishes to them.

I worked in Allahabad Agricultural Institute, Allahabad India in Dept. of Animal Science & retired in 1988 as Prof. & Head. India in 1988 as Prof. & Head. At the age of 60, I am now 71. India under white revolution at the age of 60. I am now 71. India under white revolution. It is now the largest milk producer in India. One of the things it has contributed is enhancing the productivity of 75% by cross breeding.

I am President of Alumni Association, my Institute.
We have opened a chapter of my association in America, its head office in Washington, D.C. It has been registered by American Govt. & it has been fed in Internet & can be seen in Internet. WWW: ALAGIN.COM. With our group photos of executive members & elders Alumni.

Detail about me are available in Urb, Neb, USA

IIT No: 2530 (Reg. No.)

Please do Send me details of deliberations of function, council if to be released and import research publications by your Dept. by my INDIA address.

Thank you,

Faithfully yours,

G.P. Agarwala

(CM. P. Agarwala)

Retd. Professor of Animal Science
August 28, 1998

Dr. Roger W. Mandigo
Interim Department Head
Animal Science Department
University of Nebraska-Lincoln
PO Box 830908
Lincoln, NE 68583-0908

Dear Roger and Animal Science Colleagues:

I am delighted to learn of the celebration of the 100-year anniversary of the department. I am pleased to contribute, in this small way, to that celebration.

I joined the department in December, 1959, fresh out of a Ph.D. program with Drs. Hazel and Lush at Iowa State. I worked for Keith Gregory in the Regional Project for Beef Cattle Breeding. Bob Koch was department chair. These two were wonderful mentors who played important roles in my career. Lavon Sumption was a most stimulating colleague who became a life long friend. Except for Charlie Adams and Cecil Blun, we were all 27-34 years of age. It was a most exciting, stimulating time as we were right in the middle of the era of developing genetic improvement programs for the beef industry. Coffee breaks were intense to say the least. Only Texas A&M had more resources devoted to beef cattle improvement research.

We worked and played together. Most memorable were the “First Friday” poker games and the pheasant and deer hunting trips. Koch had the audacity to have Saturday morning faculty meetings including opening day of hunting season. He abandoned that plan in a hurry, we surmised that he likely didn’t have a quorum.

In 1962, my paycheck changed from USDA to UN as I moved into the Stat Lab while Charlie Gardner went off to Wisconsin. I spent three years there as Station Statistician, the first and third as acting chair.

In 1965, I went home to Ohio State and in 1980 to Virginia Tech as department head for 6 years, associate dean for research for 6 years and now dean for nearly seven years. This fall, at the tender age of 66, I will be evaluated by the college, the university, and the industry for a new five year term.

Our memories of Nebraska never fade because of the excitement of the work and the lasting friendships formed.

Sincerely yours,

Andy Swiger
Dean

LAS/stw
Roger W. Mandigo  
Interim Department Head  
Animal Science Department  
University of Nebraska—Lincoln  
P.O. Box 830908  
Lincoln, NE 68583-0908

Dear Roger:

Thank you for the kind invitation to attend the 100-year anniversary of the Department of Animal Science at the University of Nebraska.

I am sorry that my schedule will not allow me to attend the wonderful celebration you have planned on October 10, but be assured that your thoughtfulness in including me was most sincerely appreciated.

Hope you have a great turnout!

Sincerely,

Dwite A. Pedersen  
State Senator  
District 39

DP:bb
August 22, 1998

Dr. Roger W. Mandigo
Animal Science Department
University of Nebraska
P.O. Box 8330908
Lincoln, NE 68583-0908

Dear Dr. Mandigo:

It was with great pleasure that I received your letter regarding the Animal Science Centennial Celebration. Due to previous commitments I will not be able to attend.

My years as a graduate student at the University of Nebraska, in the Dairy Science Department, 1959-1962, were very special and did much to prepare me for my successful thirty-five year career with the USDA Federal Extension Service. For about ten years I was the County Extension Agricultural Agent in Buffalo County, Nebraska and the last 25 years with Iowa State University, serving as County Extension Education Director in Worth County, Iowa for 9 years and 16 years in Cerro Gordo County, Iowa.

Dr. Philip Kelly, head of the Dairy Science Department, was most influential in my life! He gave me excellent advice and direction for the future. Others who played an important role in my life were: Dr. Foster Owen, my advisor, Dr. Schultz, Dr. Shahani, Dr. Mary Ruth Rapp and many, many other faculty and staff at the University of Nebraska. They were a great group of people who always encouraged the success of the young people with whom they worked.

During my career in Extension I was awarded a number of special awards including the Distinguished Service Award from the National Association of County Agricultural Agents; the R. K. Bliss Citation, the highest award given by Iowa State University to Extension Field Staff; the Meritorious Service Award from Epsilon Sigma Phi, and I have been named to Who's Who of the Midwest; Who's Who of Industry and Finance; Who's Who of America and Who's Who of the World. I am the author of two historical books. Much of the credit goes to the good training I received at the University of Nebraska.

When I came to Nebraska, Roger, you were just a new, very energetic member of the Animal Science faculty. Best wishes to you personally and to the Animal Science Department of the University of Nebraska on its Centennial Celebration on October 10.

Sincerely,

James (Jim) W. Kuhlman
722 Hampshire Ave N
Mason City, IA 50401-2440
August 23, 1998

Dear Dr. Mandigo and others,

Congratulations UNL Animal Science on 100 years of success!

It is with some disappointment that I must decline the offer to return for the department’s centennial celebration on October 10.

Although never an officially declared Animal Science student, I nonetheless have fond memories of and a grateful heart toward all in the department who helped me grow during my college days.

Perhaps most cherished of those memories are those from competing on the livestock judging team under Dr. Keith Gilster. “Chief” combined a mastery of animal science knowledge with a hard-hitting, down-to-earth personality that made learning from him both a challenge and a pleasure.

Among other special experiences within Animal Science was being part of the “barn crew” – when the “barn” was still a barn – and participation on a national winning Little I Quiz Bowl team.

Although my career since college has not been directly related to Animal Science, the lessons I learned and experience I gained have certainly not gone to waste. UNL’s Institute of Agriculture & Natural Resources should be proud of their Animal Science department and of the quality of education that it has offered over the past century.

Sincerely,

Rod May
UNL, 1987
Roger W. Mandigo  
Animal Science Department  
P.O.Box 830908  
Lincoln Nebraska 68583-0908  

Dear Sir:

You invited me to write and commentaries letter. So here goes. If it is to long you have my permission to edit it for desired length.

I enrolled at the University of Nebraska in September of 1935 and graduated with a double major in Agriculture Economics and Animal Husbandry in June 1939.

Times were tough in those days and people today cannot believe how we got along. With a little help from my parents on the most part, I worked my way. I had $500.00 savings to start and by working 100 hours per month at 25c per hour (the going wage for students at that time) I could pay my Fraternity fees which included board and room. I worked at a good many different jobs. Among the worst was on a Saturday. I had no job lined up for that day. I had helped out as an extra hand at the Beef Barn a few times so I decided to go to see if Charlie Johnston would give me something to do. He put me to work cleaning the dust from under the sloping grain bins in the haymow of the Beef Barn. You had to crawl around on you hands and knees under the bins, pick up the three or four inches of accumulated dust with a trowel put it in a bucket and carry it out. I worked all day. I don't remember for sure but I think I got the job completed. At any rate from then on when ever I needed a Saturday job all I had to do was see Charlie.

During my Junior and Senior years I was lab assistant to Ross Miller where I conducted the classes in beginning livestock judging and graded his examination and quiz papers.

When I was a Junior I made a deal with Professor Leoffel who taught the meats course. He used fat steers from what they called the 'jack pot'. They were cattle that had been used in feeding experiments and were now no longer needed. He would have his students butcher and sometimes cut up the animals in his meat clas. I would pay the Department the value of the live animal and sell the meat retail to Fraternity houses. I was
able to use the meat lab's walkin refrigerator to store the meat. So I had a paying business going. However, after about 6 or 8 months one of the biggest faternities quit me. They evidently thought a steer was all sirlin steak. They complained of too many roasts and to much hamburger. That left me with more meat than I could get rid of so that business came to a halt.

While at the University I took practically if not all of the courses offered in Animal Husbandry plus a course in breeding and genetics in the Agronomy Department.

After graduation I earned my Masters Degree at Kansas State University, in Agriculture Economics, spent a little over 2 years on the Faculty at the University of Maine and 39 months in the army during World War II. After the war I returned home and entered into partnership with my father Jay and my brother Charles at the ranch at Hay Springs, Nebraska. I am thankful for the training I received at the University of Nebraska in Animal Husbandry. It was invaluable in my 50 years of farming and ranching. The cattle business treated me well all those years. I retired in 1996 and turned my ranch over to our sons.

I would like very much to attend the Centennial but am not physically able to do so.

Keep up the good work
Sincerely

Orrin J. Marcy
October 3, 1998

Department of Animal Science
University of Nebraska, Lincoln

Dear Friends:

I entered the University of Nebraska in the fall of 1942 upon the counsel and assistance of my parents and several high school teachers. I came as a farm boy with the goal of getting an agricultural education that would enable me to be a better crop and livestock farmer. Livestock were central to my Nebraska farm heritage and interest.

I quickly found my home in the Department of Animal Husbandry. The Profs were friendly and helpful, fellow students quickly became kindred spirits and fast friends, and my higher education goal became a reality. I must insert, however, that my vocational agriculture teachers in high school, all University of Nebraska graduates sparked my interest in "going to college." The WWII years intervened, but the following era of returned GI Bill vets, accompanied by wives in many instances, was especially exhilarating and a time of unusual intellectual growth.

Then, and through the years the UNL Animal Science Department, its faculty and its students have made a great difference in my life, and my family too. Here the seeds of improved livestock production practices and systems were planted, here many faculty members became lifetime mentors, and here friendships and professional relationships were established that have endured. Who should I thank the most? It's just impossible and unfair to attempt to do so. It must be all of these persons because each made a vital contribution to my life. Perhaps the spirit of education and improved livestock production systems promulgated by the Animal Science Department of the University of Nebraska is epitomized by our namesake "Marvel Baker Hall."

I can never repay Nebraska, the University of Nebraska, and the UNL Animal Science Department for what they have done for me. But I will, to the best of my ability, continue to enthusiastically uphold and support our Nebraska heritage.

Sincerely,

Ned S. Raun, Bachelor of Science, 1948
919 S. Woodcrest Drive
Stillwater, OK 74074
Phone: 405 372 1267
FAX: 405 372 2806
Email: nsraun@cowboy.net.
Dear UNL Animal Science Department:

Thank you for the invitation to the Centennial Celebration. I am not sure that I will be able to attend, but will send in the registration to be safe.

Since graduating from UNL I have had extensive involvement with the Ohio State University and with Iowa State University. I have not witnessed the camaraderie at those institutions that the students and faculty had in our animal science department. As I read professional articles, I recognize many of the graduate students that helped teach us and are now faculty members of top programs across the country. I remember being taught by Dr. Johnson that most of the information we were learning would quickly become outdated which was true, but the processes of learning never become outdated. I think of the faculty that we studied under and I feel very privileged to have known them. Being associated with other programs brought that point home even stronger as I heard unsolicited statements of praise for the UNL Department of Animal Science.

I would not trade my memories or experiences from the Animal Science Department for anything. I had a chance to apply for veterinary school after my junior year at UNL, but I did not want to miss the senior year and being a member of the Livestock Judging Team. That time was invaluable and I would have not gained appreciably in my career by 'cutting corners'. I have advised others to seriously consider what you might lose, not only what you might gain. In my business, the medicine end of it is easy, but veterinary school can’t teach you about the business of livestock production and the people who live it. I feel fortunate to have a good grasp of the people end of the business and my time at UNL was very important to develop this understanding.

We did not have very fancy facilities to work with, but we were involved in the planning and support phases of the new building. It was fun to dream of what was to come and it is a pleasure to see it in actuality.

Again, thank you for allowing me to be a part of the Animal Science Experience.

Sincerely,

Doug Frels, DVM
October 5, 1998

Dr. Roger W. Mandigo  
Interim Department Head  
University of Nebraska-Lincoln  
Animal Science Department  
P.O. Box 830908  
Lincoln, NE 68583-0908

Dear Dr. Mandigo:

Congratulations to the faculty, staff, students, and alumni of the Animal Science Department on the occasion of your Centennial Celebration. This is indeed a proud moment in the rich history of one of the University of Nebraska’s most productive and energetic departments.

Anecdotes concerning the influence of the Animal Science Department on animal production and nutrition abound. A few highlights are worthy of note here:

• During World War I, the department (then known as the Department of Animal Husbandry) assisted the federal government in providing pork for troop rations by increasing hog production.
• During World War II, the department responded to government requests in a number of ways, including increasing sheep populations to provide shearling pelts used to line Army Air Corps aviators’ jackets.
• In the early 1940s the department collaborated with 10 other Midwestern universities to improve pork production and at the same time reduce fat content in the meat.
• Also in the 1940s the department developed breeding programs that would prove that selection is important in improving cattle growth traits. Animal Science researchers continued this work through the 1960s after the U.S. Animal Research Center opened in Clay Center.
• Scientists in the department developed ways to restructure meat, thereby adding value. One famous example is the McDonald McRib sandwich.
During the 1970s nutritionists in the department began studies to show how farmers could use crop residues combined with appropriate supplements to more economically feed their cattle.

More recent studies have demonstrated that wet byproducts from ethanol and corn processing facilities are excellent cattle feed.

These few examples illustrate the department’s contributions to Nebraska’s economy as well as its major influence in helping farmers and ranchers produce nutritious and healthy meat products. I am pleased to add my voice to the many who are offering congratulations during this auspicious anniversary celebration.

Sincerely,

L. Dennis Smith
President

LDS:jbs
September 23, 1998

Roger W. Mandigo
Interim Department Head
Animal Science Department
PO Box 830908
EC 0908

Dear Dr. Mandigo:

It is with a great deal of enthusiasm that I send this letter of congratulations to you and the Animal Science Department on the occasion of the department’s centennial celebration. The department has created quite a legacy through the years. Not only has it directly impacted the lives of its more than 3,000 alumni, but also the animal industry world-wide.

During my regular travels throughout our state and the nation to meet with the alumni of our fine University, I am always eager to spread word of the excellent programs that prepare our future alumni for the new century. Isn’t it interesting to think that a century ago, a predecessor of ours may have traveled the state to share the exciting news of a new animal science program that was designed to prepare students for the year 1900. What an exciting 100 years it has been for the University of Nebraska and the Animal Science Department.

Again, congratulations on your centennial celebration. I regret that I am unable to join you in your weekend festivities. But please know that the Nebraska Alumni Association is proud of your department’s rich tradition of excellence, and is excited about the great accomplishments that lie ahead.

Sincerely yours,

Edward J. Paquette
Executive Director

EJP:cld
October 2, 1998

Roger W. Mandigo  
Interim Department Head  
Animal Science Department  
University Nebraska-Lincoln  
P.O. Box 830908  
Lincoln, NE 68583-0908

Dear Roger,

I was very pleased to receive your letter announcing the Animal Science Centennial Celebration scheduled for October 10, 1998. I am pleased to see that there is going to be recognition of a Century of Outstanding Service to the State of Nebraska by the Department of Animal Science at the University of Nebraska - Lincoln. Your many contributions to the state of Nebraska are appreciated by all who have enjoyed the good life in Nebraska. I congratulate the Animal Service Department on your first 100 years and wish you well as you enter your second century of service.

Sincerely,

Don Wesely  
State Senator  

DW/gjm
September 23, 1998

Roger Mandigo, Interim Department Head
University of Nebraska Lincoln
Animal Science Department
PO Box 830908
Lincoln, NE 68583-0908

Dear Roger:

CONGRATULATIONS to the Department of Animal Science on your 100th Anniversary! Your endeavor to serve agricultural and meat industries across our state is greatly appreciated.

Through your innovative and stimulating teaching techniques, you have assumed responsibility for our young men and women's continued development and have provided an important contribution to their education. For your untiring efforts in achieving exemplary standards, the citizens of Nebraska are forever grateful.

Best Wishes for continued success!

Sincerely,

Chris Peterson
State Senator
District 35

CP:jlm
September 8, 1998

Dr. Roger W. Mandigo
Interim Department Head
Animal Science Department
University of Nebraska Lincoln
PO BOX 830908
Lincoln, NE 68583-0908

Roger,

Sorry we’ll not make the Animal Science Centennial Celebration. Sound like a great time. I’m sure the local alumni will enjoy the day. Hope there is a good turn out by people out of state.

The ICMST in Barcelona was great. You would have especially enjoyed the dry cured ham session held especially for the industry. The food and sights were great. About 700 attended from 40 Nations. Next years host in Japan made everyone take notice with a fee schedule at $500 U.S. They already had the final circular printed. I didn’t take an extra, but R.B. has some if you are interested. The U.S. did not get their bid for the year 2004, conflicted with opposite years in Europe, not 15 years between events, etc.

News says you’re doing O.K. Let me know if I can help.

Sincerely,

W.C. Schwartz, Ph.D.
Vice President Technical Services
/cb
Department of Animal Science
University of Nebraska - Lincoln
P.O. Box 830908
Lincoln, NE 68583-0908

Dear Alumni and Friends of Animal Science:

Frequently, I reflect on my tenure at the University of Nebraska, especially the Department of Animal Science, and can recall nothing but fond memories of the people I had the opportunity to interact with and learn from, as well as the exciting opportunities that I was afforded. My memories are as clear as yesterday, which makes it hard to believe that I first moved to Nebraska more than 18 years ago, and it has been 14 years since I graduated and left the state I frequently refer to as home.

Having come to Nebraska as a teenager from a broken home off the streets of Southern California I had no idea what to expect when I decided to enroll at UNL. All I knew was I wanted a good education, some stability and a change in lifestyle. On one previous occasion I visited Nebraska and new the people were nice, but really knew nothing about the state. Like many lost souls with a fondness for animals I enrolled in the Pre-Veterinary Medicine program and worked as a work-study student in the Agronomy Department. Additionally, I lived life to its fullest and became an avid Nebraska football fan.

I first became acquainted with the Animal Science Department when I enrolled in what was called ANSI 101 taught by Keith Gilster. Like he did with so many others, Keith took me under his wing and, unknowingly, exposed me to several other students and faculty in the Animal Science Department. And while there are many that could be recognized, none other than Rodger Johnson and Ernie Peo deserve the credit for what I have become as a person and a business professional. The guidance, support and encouragement they offered throughout my undergraduate career is a feeling not describable in words. And, by the time I began my Junior year I no longer had any interest in Vet School, and set my sights on Graduate School, ultimately deciding on Swine Nutrition working with Ernie Peo.

Upon completion of my M.S. degree at Nebraska I went on to the University of Kentucky for a Ph.D., subsequently accepting a position as Assistant Professor of Animal Science at Auburn University. Ultimately I joined Continental

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Thomas W. Burnell
September 22, 1998

Dr. Roger W. Mandigo
Interim Department Head
Animal Science Department
University of Nebraska - Lincoln
P.O. Box 830908
Lincoln, NE 68583-0908

Dear Roger:

I have enclosed a letter to be included in the book commemorating the 100-year anniversary of the Department of Animal Science. Unfortunately, I will be unable to attend the celebration program as I have already made plans to go to Texas to see the Huskers take on the Longhorns.

Roger, I trust if there is ever an opportunity for me to be of assistance to you or the Department, please do not hesitate to contact me.

Sincerely,

Thomas W. Burnett, Ph.D.
Vice President, General Manager

TWB:em
enclosure
Grain Company and have enjoyed success beyond what I ever thought I could accomplish when I first entered college at UNL.

Again, as I reflect on my experience at UNL, it is fair to say that the people, past and present, that make up the Department of Animal Science served as a foundation, and in times of need, a pillar of strength, as I encountered the numerous challenges facing many students as they try to establish who and what they are. In my individual case, this foundation helped me develop a set of core values previously lacking in my life. I realize that short of “thank you”, which seems trivial given the enormity of the accomplishment, it is difficult to repay the faculty and students of the Department for what they have done for me. I can only hope that the lessons I learned will cause me to continue to have the same positive impact on others that UNL had on me.

Thanks to all and CONGRATULATIONS on 100 years of dedication and commitment to Animal Agriculture.

Fondest Regards,

Thomas W. Bunnell
September 25, 1998

Nebraska Animal Science Centennial Celebration
University of Nebraska
Animal Science Department
P. O. Box 830908
Lincoln, NE 68583-0908

To Whom It May Concern:

I certainly appreciated receiving the announcement on the upcoming Centennial Celebration on October 10, 1998. I know that this will be a very memorable event and I would like to join with those in attendance to take part in the celebration. However, due to previous commitment here at Colorado State University I will not be able to attend.

As a former staff member in the Animal Science Department in Lincoln I would like to take this opportunity to share some of my memorable experiences while I was an employee of the Department and also make a few general comments.

I am very much indebted to the Nebraska Animal Science Department because this is where I was given my first opportunity to embark on my professional career. It was shortly after World War II and because of my nationality background Professor William J. Loeffel who was head of the Animal Husbandry Department at that time was somewhat apprehensive in hiring me as a staff member. Shortly after a personal interview in Lincoln in 1949 Professor Loeffel and Dr. Marvel L. Baker decided to take a risk in hiring me to teach introductory animal husbandry and animal nutrition (feeds and feeding) courses and to be a team member to conduct beef cattle research.

During the thirteen year period at University of Nebraska, 1949 to 1961, I kept a record of the names and grades on nearly 3000 students. I still maintain this information and I frequently refer to this list when I come upon familiar names (Clayton Yeutter, Dale Van Vleck, Bob and Art Raun, Alan Trenkle, Herman Dinklage, Marshal Jurgens, Max Waldo, Bob Dannert, Paul Kruger, Ray Gard, Merlyn Carlson, John Messersmith, Gordon Busboom, Stan Matzke, Don Novotny, Dan Stillwell, Morris Ochsner, Wendell Mousel, Dale Krueger, Russ Edeal and many many more).

Some of the early classes which I taught was on the top floor of the HORSE BARN. These classes were quite large, nearly 200 students. I am sure that many of the students who were in those classes, particularly Feeds and Feeding, remember the mice that would scramble around the room seeking food in the lunch bags while I was lecturing. The old horse barn was not very conducive to effective teaching or learning ---- lighting...
was very poor, acoustics were bad and the blackboards were too high for me to write. I can recall some of the students who were seated near the back rows never took off their coats during the entire lecture period since the heaters never worked effectively near the windows. Similar teaching conditions existed on the first floor of the old Animal Husbandry building. In spite of all these adverse conditions, I recall that attendance was always good and student performance records were very good (only one or two failures in each class)

I have a question for all of you Nebraska Animal Science graduates. How many of you remember or knew that the Animal Science (Husbandry) department taught an introductory animal husbandry course to Home Economic majors (girls)? It was during the early 1950's while I was serving on the curriculum committee for the Ag College I mentioned that girls majoring in Home Ec should know the sources of animal protein, the names of different cuts of meat, what part of the carcasses that these cuts came from, few of the popular breeds of cattle, sheep, and swine, etc. I was elected to teach this course and taught it for a few years.

Agriculture, particularly animal production, is the major source of income for Nebraska. The state is in an enviable position with all of its natural resources for a viable industry —— livestock production. The Animal Science Department serves as a strong arm to take advantage of these natural resources. The financial returns from agriculture is not always on the positive side. Hardships, such as the example portrayed in the movie “The Farmer’s Wife” exemplifies what we must endure in life.

I certainly hope that many of the former Animal Science graduates from 1949 to 1962 will be in attendance at the Centennial celebration. Many of these, of course, would be those that I may have had in one of the courses which I taught. Also, I would hope that there would be a lot of people that I worked with out in the state or had an opportunity to meet during my years at Nebraska.

Sincerely,

John K. Matsushima
September 25, 1998

Prof. Roger Mandigo  
Interim Department Head  
Animal Science Department  
Box 830908  
Lincoln, NE  68583-0908

Dear Roger:

We appreciated deeply the invitation to the celebration of the Centennial of the Animal Science Department. This is one of the premier departments of the University and one deserving of considerable praise.

Through the years, the distinctive achievements of members of your department have been particularly noteworthy. You have contributed immeasurably to the welfare of agricultural interests in this state and region. I am pleased to join in the applause at this time of celebration.

Were it not for a prior scheduling conflict, we would have joined you at the dinner gathering.

Thank you for your kind and thoughtful invitation and warmest regards and best wishes to you and all persons associated with your Department.

Sincerely,

Ronald W. Roskens
Dear Roger:

Thank you for the invitation to attend the Animal Science Centennial Celebration. I have committed to attend the BIF Mid-year Board of Director’s Meeting in Kansas City on the same date, so I regret that I will not be able to attend.

I have long enjoyed my association with the Department. I hope you have a very successful celebration.

Again, thank you.

Sincerely,

LARRY V. CUNDIFF
Research Leader
Genetics & Breeding
September 28, 1998

Dr. Roger Mandigo  
Head, Dept. Animal Science  
C203 AnS  
E C 0908

Dear Roger:

Since I will be at the Board of Directors meeting of the Council for Agricultural Science and Technology and not able to join you for the centennial celebration of the Animal Science Department, I did want to write and offer my congratulations on the Department’s outstanding performance during its first 100 years. Also, I send best wishes for an even more stellar performance during its second 100 years.

Both you and the department can be especially proud of your many excellent achievements throughout its existence. The department’s success can be easily seen through the numerous awards and recognition received by its faculty and staff; achievements of its alumni, and service to the livestock industry. The department ranks at the top in all of these categories.

The Animal Science Department is one of our most outstanding departments at the University of Nebraska. Long before I came to this state, I knew about the department and its good work. During the time that I served as Vice Chancellor, Chancellor, and President of this University, I was always proud to point out the Animal Science Department as one of our premier departments with a record of high achievement. Yours is one of the departments on which the fine reputation of this University has been built, and it will continue to be a cornerstone unit for the University of Nebraska.

The faculty and staff of the department have excelled in many important programs and they can be highly pleased with their accomplishments. Even though the department has been involved in many national and international programs, it is my belief that it has never lost sight of serving first and foremost the Nebraska livestock industry. Certainly, this is one of the department’s shining stars.

Again, my congratulations to the department and its past and present members for their many successes and achievements, and all good wishes for the future.

Sincerely yours,

[Signature]

Martin A. Massengale  
President Emeritus

MAM:js
October 6, 1998

Robert W. Mandigo  
Interim Department Head  
Animal Science Department  
P.O. Box 830908  
Lincoln, Ne 68583

Dear Professor Mandigo:

I would like to congratulate the Department of Animal Science at the University of Nebraska as it marks its 100-year anniversary. The Department's outstanding commitment to programs in research, service and outreach have impacted the animal industry in our state, our nation and the world. As Nebraskans, we can be proud of that legacy and its contribution to our economy.

I am sorry I will be unable to join you for the Centennial Celebration. I send "Best Wishes" for a wonderful day and for continued achievements in the future.

Sincerely,

Elaine Stuhr  
State Senator

ES:dr
Dr. Roger W. Mandigo  
Interim Department Head  
University of Nebraska-Lincoln  
Animal Science Department  
P.O. Box 830908  
Lincoln, NE 68583-0908

Dear Dr. Mandigo:

Congratulations on 100 years of excellence at the University of Nebraska-Lincoln’s Department of Animal Science. The long history of accomplishments at this department is well deserving of this celebration.

The Department of Animal Science is known throughout the country as a leader in serving our nation’s animal and meat industries. The impact of the Department’s research on nutrition, breeding and genetics, meat science and physiology has even crossed national borders. By promoting excellence in the study of beef and dairy cattle, swine, sheep, poultry and horses, the State of Nebraska — and our country — reap widespread benefits. You should be proud of your vital, worthwhile efforts.

Now more than ever, Nebraska agriculture needs the resources and knowledge found in the University of Nebraska-Lincoln’s Department of Animal Science. As we face the challenges of the new millennium, I hope that the next 100 years are as productive as the last century for your Department.

Again, congratulations on your achievements.

Regards,

[Signature]

CTH:dk
October 7, 1998

Roger W. Mandigo, Interim Department Head
Department of Animal Science
A213 Animal Science
East Campus 0908

Dear Roger:

Just wanted to express my congratulations and wish your Department the best in celebrating the 100th year anniversary. Unfortunately, a heavy travel schedule is conflicting with my being in attendance at the events this weekend. We in Ag Econ look forward to continued collaboration with the Department of Animal Science as we work together in helping ensure the long term economic viability of the wide-variety of livestock industries in this state.

Again, congratulations on the many accomplishments of your unit, and best of luck in the future, as you start this next century of success.

Sincerely,

Gary D. Lynne
Professor and Head
Animal Science Centennial Celebration
Commemorative Letter
In Memory of Larry Forbes, "Class of 1973"
BS in Animal Science.

I write this letter on this 100th Anniversary celebration of the Dept. of Animal Science at the University of Nebraska and dedicate it to the memory of my late husband, Larry Forbes.

Larry passed away quite suddenly on Feb. 13, 1998. We were married 9 1/2 years and have a son and daughter.

Larry had many fond memories of his college days. As he spoke, I could tell they were some of his happiest times in his life. He made many special life long friends at the University.

The classes and instruction helped shape
his life and prepared him for a
successful career as a farmer and
rancher. His pride was in his cow-pall
operation.
Larry would be here today to help
celebrate this milestone and I know he
is in spirit.
He would say to you "keep up the good
work and carry on this great tradition."

Marcia Forbes

Marcia K. Forbes
RR 2 Box 81
Palmer NE 68864-9508
Dear Fellow Aggies -

Yes, The AG College and especially the Animal Science Department of The University of Nebraska was the one biggest factor in shaping my life's work. Thank you.

My first big breeding match was here and Ross H. Miller gave me a chance.

For ever grateful

Millard W. Zekes
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<tr>
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<td>Jimmy Graham</td>
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<td>Bob Brown</td>
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<td>Mary Smith</td>
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**Congress-U-Cream**

Phone (308) 324-2096
Chairman: Dennis
Extension Agent
Dawson County

68850
Lexington, Nebraska
203 E. 17th St.
Harold Sevens
Animal Science Department  
Dr. Roger Mandigo and Associates

The Animal Science Department kept me from being a machine gunner in the Korean War. Long Story Short!

I was raised on a diversified farm at Page, NE. Just out of high school near the end of World War II, I enlisted in the Navy. My ship was decommissioned and we were all discharged. Then I enrolled at UNL on the GI Bill in the Fall of 1946. Many of the men who were “SHOT AT AND WON THE WAR” were my instructors and classmates. Their “war story experiences” are still vivid in my memory. I graduated from UNL on June 10, 1950 and the Korean War started June 25, 1950. Being 5 days short of a full year of naval service, unmarried and almost 23 I was the first one drafted by the Holt County Draft Board. A grade and high school friend joined me on the bus to Army basic training at Fort Riley, KS. Being young hunters our top MOS was a machine gunner (I forgot my high school teacher’s advice to miss the target completely). This was to be the “new” army with a policy of placement according to qualifications so I applied and was accepted into the Army Veterinary Corp. My close friend was sent to Korea as a machine gunner and was killed within 6 months of Army duty. Thanks to my education and experiences in the UNL Animal Science Dept. I spent 2 years supervising our Army meat purchases in packing houses in Sioux Falls, Sioux City, Omaha and Kansas City. Two years of observing cattle and hog carcasses hanging on the packing house rails and seeing the meat industry in general was an interesting Army duty.

Some UNL memories:  
Dr. Alexander’s livestock judging team at the SW Exposition in Fort Worth, TX. We rode on a train all night and the judging contest was delayed briefly so our Nebraska team could travel from the depot to the exp. building. We didn’t win but did well.  
Meat judging trips with Dr. Charles Adams to Denver, Kansas City and Chicago were educational and enjoyable.

I would also like to add my personal thanks to Dr. Marvin Twiehouse and his associates in the development of a calf scour vaccine in the mid 1960’s.

My basic Animal Science education and the extension program continually presenting the latest in research information has been very beneficial and helpful to me in making business decisions.

The Animal Science Department has served Nebraska and the nation very well and with their leadership we have excellent research facilities at UNL. I feel confident that our current Animal Science staff will continue to excel in leading Nebraska’s future in the World Market Place but only if the University Administration and Regents will allow agriculture a reasonable piece of the future budget priorities.

Thank you to the Animal Science Department.

Sincerely, Merwyn French 1946-1950

Merwyn French
October 12, 1998

Roger Mandigo
ANS
PO Box 830908
Lincoln, NE 68583

Dear Roger,

Thank you and all of those who helped make the 100 year anniversary of the Department of Animal Science at the University of Nebraska such a wonderful occasion. The program was very good and the food was both good and abundant.

It was a great pleasure to see many old friends and meet new ones. Thanks again for a job well done.

Sincerely,

Willard Waldo
October 19, 1998

Dear Doug & Roger:

The Animal Science Celebration was great, you guys did a good job. Program, tours, and food all hit home... Janette and I were glad to be a part of it...

Keep up the good work. I'm looking forward to SIM PLACE '98 in Dec. 3-5 should be a top Beef event.... We're bringing 3 Head of Bulls for the Thursday Nebraska Night Deal.....

Sincerely,

Bob Volk
October 11, 1998

Dr. Roger Mandigo
Interim Head, Department of Animal Science
IANR, University of Nebraska-Lincoln
P.O. Box 830908
Lincoln, NE 68683-0908

Dear Roger:

I want to thank you and extend my compliments to your faculty for the wonderful job you and they did in making the celebration of the Animal Science Department's Centennial birthday such a fabulous success. The Centennial celebration could have been carried on for a year but I doubt it would have been more successful. I know considerable time and effort were expended to accomplish what the department did for the Centennial but when one realizes that such an event will never be part of their life again the effort must seem well worthwhile. It is too bad that more of our graduates did not have the opportunity to participate.

Great Job!

Sincerely,

Ernest R. Peo, Jr.
Professor Emeritus

[Signature]
Dr. Roger W. Mandigo  
Animal Science Department  
University of Nebraska  
P.O. Box 830908  
Lincoln, NE 68583-0908

Dear Roger:

LaRayne and I want you to know how much we enjoyed the Departmental Centennial Celebration. We appreciate the time and work you and your staff did to make the day a big success. It was particularly gratifying for me to see a number of former students from my days at the University of Nebraska; including two of my livestock judging team (1947) members that I had not seen since our graduation 50 years ago!

The University of Nebraska Animal Science Department and professors Loeffel, Hanson, Baker, and Alexander were responsible for nurturing and guiding me into a rewarding and enjoyable career of 36 years on the Animal Science staff at South Dakota State University.

Best wishes to you and the department as you embark on the second century of developing leaders for the animal industry through your teaching and research programs.

Sincerely,

Richard C. Wahlstrom
NU Animal Science plans centennial celebration

Nebraska

When the federal government needed pork for troop rations during World War I, officials asked the University of Nebraska's then-Department of Animal Husbandry to increase hog production by 20%.

During World War II, the department again answered the government's call, this time to raise more sheep for the shearling pelts that lined U.S. Army Air Corps aviator's jackets.

Over its 100-year history, what now is NU's Department of Animal Science has responded to such crises, anticipated needs and solved problems through teaching, research and Cooperative Extension efforts.

The department marks 100 years of contributions to agriculture Oct. 10, with a day-long celebration on the university's East Campus and at Lincoln's Cornhusker Hotel.

From department graduates, such as keynote speaker Chuck Schroeder, chief executive officer of the National Cattlemen's Beef Association, to those who returned home to farms and ranches or jobs in agribusiness with state-of-the-art skills, NU's animal science graduates make vital contributions to agriculture's progress, said animal scientist Dennis Brink, a co-chair of publicity and registration for centennial events.

"We are proud of every alum who is out there," Brink said. "They are everyday people dedicated to producing food for this country and the world."

Through the years, department faculty's ideas have sparked research that has provided solutions for agricultural producers, agribusinesses and society, he said.

Much of NU's research earlier in this century was in livestock selection.

For example, in the early 1940s, Nebraska animal scientists partnered with 10 other Midwest universities to reduce fat in pork and improve production. When the partnership ended, NU researchers continued studying swine reproduction genetics, eventually proving careful selection and breeding can increase litter size.

In 1997, with swine industry guidance, NU publicly released pigs from the highly prolific Nebraska Index Line, which had been developed as part of swine reproduction research. The release made the line's unique genetics available to commercial swine breeders who were evaluating the line for use in breeding programs. NU is believed to be the only public university in the past 30 years to develop and publicly release such a line, Brink said.

Over the years, Nebraska animal scientists also have proved selection is effective in making steady changes in cattle growth traits. In the 1940s, the U.S. Department of Agriculture turned to the university as a partner in cattle crossbreeding research at Ft. Robinson, near Crawford. NU animal scientists continued studying the strengths and weaknesses of different breeds after the USDA's Meat Animal Research Center opened in Clay Center during the 1960s. Research there continues to contribute significantly to understanding and improving cattle genetics, he said.

NU animal scientists have been leaders in dozens of other notable research projects.

In the 1960s, a Nebraska meat scientist developed ways to restructure meat into shapes, adding value to meat products. The food industry has used this research widely, notably by McDonald's restaurants in developing its McRib pork sandwich, Brink said.

For years, some Nebraska farmers grazed cattle on cornstalks as a cheaper alternative to raising hay, said Terry Klopfenstein, an NU beef nutritionist. In the 1970s, Nebraska researchers began studying how farmers could use crop residues more effectively. This research found that cows and calves could graze cornstalks with proper supplements, such as protein and minerals, he said.

More recent research revealed that wet byproducts from ethanol and corn processing industries are excellent cattle feed. Wet corn gluten from wet milling plants and wet distillers' grains from dry milling operations traditionally have been dried before use, but today are being fed wet in the Cornhusker state.

Nebraska studies found that feeding these byproducts wet saves drying costs and provides better nutrition than dried products. These new feeds could cut costs compared to conventional corn-based feed, Klopfenstein said. The cattle industry has adopted these findings, and feedlot demand for these wet byproducts has helped Nebraska's ethanol and corn processing industries expand rapidly.

Extension initiatives, such as the Integrated Resource Management project, proved teams of university professionals, including animal scientists, Extension educators and veterinarians, could help producers improve their herds. NU's team approach to problem-solving exemplified how Extension serves Nebraskans, Brink said. The program became a model for other universities.

The department's contributions to Nebraska over the past century will be among the Oct. 10 celebration's major themes. Daytime events will take place between 11 a.m. and 5 p.m., in the animal science building. These include youth activities, displays, buffet lunch and class and judging team reunions. Early arrivals can take part in campus tours starting at 9 a.m.

Schroeder will present an evening speech focusing on animal agriculture's future. Evening events begin with a 6:30 p.m. social hour, followed by dinner at 7 p.m. and Schroeder's speech, at the Cornhusker Hotel.

Registration is due Oct. 1. For details or to register, call 402-472-6478.
Animal science department

to mark 100-year milestone

LINCOLN — When the federal government needed pork for troop rations during World War I, officials asked the University of Nebraska's then-Department of Animal Husbandry to increase hog production by 20 percent.

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Over its 100-year history, what is now NU's Department of Animal Science has responded to such crises, anticipated needs and solved problems through teaching, research and Cooperative Extension efforts.

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Extension initiatives such as the Integrated Resource Management project proved teams of university professionals, including animal scientists, extension educators and veterinarians could help producers improve their herds. NU's team approach to problem-solving exemplified how extension serves Nebraskans, Brink said. The program became a model for other universities.

The department's contributions to Nebraska over the past century will be among the Oct. 10 celebration's major themes.

Daytime events will take place between 11 a.m. and 5 p.m. in the animal science building. These include youth activities, displays, buffet lunch, and class and judging team reunions. Early arrivals can take part in campus tours starting at 9 a.m.

Schroeder will present an evening speech focusing on animal agriculture's future. Evening events begin with a 6:30 p.m. social hour, followed by dinner at 7 p.m. and Schroeder's speech at the Cornhusker Hotel.

Registration is due Thursday, Oct. 1. For details or to register, call 402-472-6478.
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<td>WHITE</td>
<td>RICHARD</td>
<td>RR2</td>
<td>NE 68467-9802</td>
<td>(402) 362-6926</td>
<td>1960 BS</td>
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<tr>
<td>WOLFE</td>
<td>MICHAEL</td>
<td>6200 HERITAGE CT</td>
<td>KS 66085</td>
<td>(913) 897-1369</td>
<td>MS PHD</td>
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<tr>
<td>WOLVERTON</td>
<td>DOYLE</td>
<td>8300 YANKEE HILL RD</td>
<td>NE 68516</td>
<td>(402) 423-5148</td>
<td>NO</td>
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<tr>
<td>WOLVERTON</td>
<td>JAY</td>
<td>1431 252ND STREET</td>
<td>NE 68434</td>
<td>(402) 643-3726</td>
<td>1986 BS</td>
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<tr>
<td>WOOLSEY</td>
<td>GEORGE</td>
<td></td>
<td>NE</td>
<td>1968 MS</td>
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<tr>
<td>YAKOUT</td>
<td>HAITHAM</td>
<td>1824 M STREET #5</td>
<td>NE 68508</td>
<td>(402) 476-5457</td>
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</table>
Twill Cap with Braid. 100% cotton twill blend cap with plastic snap adjuster. Natural Tan with a black bill and trim. $12.00 each

Deluxe Cotton T-Shirt. 100% heavyweight preshrunk cotton T-shirt with double stitching. Adult: S, M, L, XL, 2XL, 3XL and 4XL. Ash Gray, or Natural Tan. $12.00 each

Heavyweight Commenorative Belt Buckle. Distinguished bronze alloy belt buckle with the Nebraska Animal Science Centennial Emblem cast in the center. $15.00 each

Deluxe Cotton Golf Shirt. 100% extra heavyweight preshrunk cotton golf shirt with welt collar and cuffs. Adult: M, L, XL, and 2XL. Ash Gray or Natural Tan. $18.00 each

**Supplied by: Animal Science Graduate Student Association (ASGSA)**

CUT HERE AND SEND TO:

CENTENNIAL REGISTRATION * A218 ANIMAL SCIENCE * UNIVERSITY OF NEBRASKA * LINCOLN, NE 68583-0908

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(If you are unable to attend the Centennial Celebration) SHIPPING ($5.00)

Make checks payable to ASGSA

TOTAL COST

NAME:  PHONE:  ( )  - -

ADDRESS  STATE  ZIP

...with something to let everyone know you’re an alumnus!