

Christmas, 1987

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Dear friends of NDSU agronomy,

You will recall from last year's letter that Dr. Carter announced he would retire on June 30, 1987, after 27 years of service as department chairman and 37 years at NDSU. We had a retirement party to honor Dr. and Mrs. Carter on June 25 at the Holiday Inn and we were fortunate to have in attendance all of the Carter's children, grandchildren, and Mrs. Carter's parents. About 200 of the Carter's friends attended the party, including many present and former students and associates, farmers, businesspeople, and representatives of various commodity groups. Dr. Dexter was the M.C., and speakers included Gov. Sinner, Dr. Lucken, Dr. Mel Anderson, Dr. Ian Edwards, Tom Teigen, George Howe, Howard Olson, Dr. Ken Lebsock, Dr. Lund, and Dr. Foster who all had a good time toasting and roasting Dr. Carter. The Carters were presented with several gifts, including a plaque, a Waterford crystal wine decanter and 8 glasses, a trip to the wine country in California (which Dr. Carter has been too busy to take), and his trusty old typewriter. Over \$6,000 has been contributed for a scholarship in Dr. Carter's name, and we are still accepting gifts from any who may wish to make donations.

Dr. Carter moved across the hall into one of the extension offices, where the typewriter still can be heard on a regular basis. There is a new Zenith PC in his office but he hasn't yet accepted the challenge of using it. Dr. Carter was honored by being named Professor Emeritus, and he remains very active, coming in nearly every day to take care of things too numerous to list. I believe that Mrs. Carter is still waiting for him to retire, but the department is the beneficiary of his endeavors. The Carters have visited some of their children this fall.

A search committee to select a replacement for Dr. Carter was named in the fall of 1986. However, the selected candidate did not accept the position and the committee decided to proceed with an interim chairman and reopen the search in the fall of 1987. I was selected by the agronomy faculty to serve in the interim until a permanent chairman can be found. My barley responsibilities have been largely taken over by two of my graduate students, Allen Faue and Richard Horsley, both nearing completion of their Ph.D.'s. Rich also is teaching my statistics course this quarter.

We had only one faculty change this past year. Dr. Van Der Puy, extension weed specialist, resigned to go into business with his father in Wisconsin. He has been replaced by Dr. Dallas Peterson, a new graduate in weed science from NDSU. Bill Ball, retired extension agronomist, has not been replaced because of budget cutbacks. Zbigniew Anyszka of Poland is here as a guest scientist, and works on the weeds project. Some of you will remember Lars Jensen, NDSU extension agronomist for many years. Lars died suddenly of a heart attack at his home here in Fargo. Dr. Laurel Loftsgard, President of NDSU since 1968, died October 1 after being sick with cancer for several months. A committee has been selected by the Commissioner of Higher Education to search for candidates for this important position. Please send us the names of people you believe would be good potential candidates.

Among the clerical group, Sharon Ahrens replaced Peggy Johnson as extension secretary. Thankfully, we have had no changes among the technicians in 1987.

Agronomy graduated 16 M.S., 6 Ph.D., and 23 B.S. students in the 1987 commencement. Those receiving Ph.D.'s were Steve Carlson, Elias Elias, Kirk Johnson, John Soper, Munzer Sundos, and Eduardo Zaffaroni. Those listed in the Commencement program as receiving M.S. degrees were Kristi Biewer, Fernando Gonzalez, Mark Fanning, Allen Faue, Robert Foley, Daryl Klindworth, Roger Lussenden, Ron Meyer, Keith Ness, Douglas Nord, Kenneth Pazdernik, Mohammed Samad, Bulent Samanci, Thoroddur Sveinsson, Kevin Thorsness, and Stanley Wolf. I believe that all of these graduates are employed or are continuing their graduate education. Our rogues gallery with the pictures of all past graduates is running out of space and we will have to find a place for expansion.

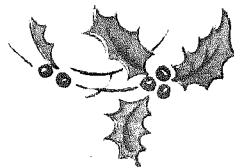
Agronomy had 72 graduate students in the Fall of 1987 and we have graduated 4 since that time. We have openings for students in weeds, breeding, biotechnology, and forages that we are trying to fill. There were not as many students as usual seeking assistantships at the ASA meetings, at least from the states near us. We hope you will encourage students you know to consider NDSU for their graduate work, and perhaps send us their names so we can contact them. Our graduates have an excellent record of finding good jobs and I know of only one graduate who is temporarily unemployed, and that because the company closed out a program. New students since last year are (U.S. citizens unless foreign country added):

Mark Bredehoeft  
Steve Busse  
Patrick Gross  
Bruce Held  
Sayed Wajid Hussain (Pakistan)  
Phillip Miklas  
Daniel Rugroden  
Dagou Seka (Ivory Coast)

The sixth annual Blizzard Party was held December 1 in Atlanta at the ASA meetings with 81 people registered, and there were some who did not sign in. Sixteen states and two foreign countries (Zaire and Brazil) were represented. Drs. Carl Johnson and Jim Lofgren helped host the party by providing smoked almonds and sunflower seeds. Dr. Brun, chairman of Soil Science, and I gave a short presentation. Dr. and Mrs. Carter brought a book of pictures taken at the retirement party, that people were very interested in. Plan to attend next years blizzard party in Anaheim, California in late November, 1988.

Several of our faculty and students received recognition for their past accomplishments. Dr. Nalewaja was elected a Fellow in the Weed Science Society of America. Dr. Norman Williams was elected a Fellow in the Crop Science Society of America. Mr. Matt Sanderson (now at Iowa State) received the Gerald O. Mott scholarship from the CSSA as the outstanding graduate student in Crop Science. Dr. Froberg is the Outstanding Agriculturalist and Dr. Lucken is the Fargo Chamber of Commerce Distinguished Professor for 1987. Orval Swenson won 1st place and Pat McMullan won 2nd place in the paper contest at the North Central Weed Control Conference in Kansas City.

Dr. Messersmith continues as the first Editor of the Journal of Weed Technology, and Charlene Lucken serves as the technical editor of that publication. Dr. Nalewaja is the NCWCC representative to the Council for



Agricultural Science and Technology, CAST. Dr. Dexter is Editor of the NCWCC Research Reports and their representative to WSSA. Dr. Meyer and Dr. Schneiter are Associate Editors of Crop Science and Agronomy Journal, resp., and Dr. Meyer is chairman of Division C-3 of CSSA. Dr. Hammond is Consulting Editor for statistics for Crop Science. Dr. Cox released a new hard red winter wheat, Seward. Dr. Cross released several corn inbreds. Dr. Jan and Dr. Miller each released sunflower germplasm lines.

A new computer center remains at the top of the list for new buildings at NDSU but it was not funded by the legislature in spite of the best efforts of Senator Donna Nalewaja and Representative Bob Nowatzki. Maybe next time.

We do have promise of a new building to house agronomy and horticulture. This building is to be built with federal funds and was secured through the efforts of Senator Burdick. The building is primarily in recognition of our excellent weed science research, and we expect to be able to significantly expand the number of researchers working in this area. According to the legislation, the building is to be called the Loftsgard Science Center, and will be located south of Walster Hall, occupying part of the present road and parking lot. It will be connected via walkways with both Walster and Waldron. There are some details that the House and Senate Agr. Committees must agree on to free up the funds, but Senator Burdick is confident that there will be no problem. We are proceeding with planning and hope to let bids in the fall of 1988 so the building can be completed in 1990 to coincide with the Centennial celebration of the NDSU Agr. Exp. Station. NDSU agronomy and soils will be hosting the NC branch meetings of the ASA in June of 1990, and we would like to be able to show off the building. When agronomy moves out of Walster, plans are to renovate the building for expanded soils and plant pathology.

The new federal building which will house all of our USDA scientists, being built west of the Agronomy Greenhouse and attached to the Plant Science Greenhouse, is scheduled for completion in February, 1988. We are hopeful that Congress will pass the Agriculture Appropriations bill which specifies there will be funds to operate the building. Until that authorization is passed, no one will move into the building. In addition to the USDA scientists, five NDSU scientists will have laboratories in the building, and it also will house the NDSU electron microscope. Two new ranges of greenhouse were included in the funding for this building. They were completed in September, 1987, and they were occupied immediately. It seems we never get enough greenhouse space. We lose the use of part of range 1 of the Agronomy Greenhouse to Buildings and Grounds in the spring so they can raise flowers for campus beautification. Many of us believe that priorities got scrambled on this one.

A fourth high-rise dormitory was completed in September, just in time for the students to move in. Federal funds, with matching funds raised by commodity organizations, have been appropriated to build a durum mill and a feed mill. The durum mill will be attached to the cereal science and food technology building and the feed mill will be built on the animal science farm. Funds for a Service Center, housing the agronomy and agricultural engineering shops, are in the 1988 agriculture appropriations bill. The proposed building site is northwest of Waldron Hall.

The Bison football team played erratically this year, ending up with a 7-4 record. One additional touchdown in three of the losses would have won the games. The last game of the season was against UND and the Bison thrashed the Sioux soundly. We had a new coaching staff and they probably need some time to get their act together. The wrestling, cross country, track, and women's basketball and volleyball teams all were nationally ranked and did well.

The annual fall picnic was held at Oak Grove Park on September 3 with more than 100 people attending. Dr. Cross and his crew again supplied the corn, for which we are appreciative. The Christmas Party was December 17 at the Holiday Inn. The graduate student and awards ceremony were followed by a dance. Dr. Dexter was the recipient of the coveted BISON CHIP award, which he will display proudly in his office in 1988. The "Norman Williams Open" golf tournament was held on September 4. Paul Maan won the puttoff (Dr. Maan must be a good teacher). Dr. Cantrell was honored with the sportsmanship award but it is not in his office (not very sporting of him). Dr. Whited's son also entered the tournament and did better than his father.

We sincerely appreciate hearing from you and your family. Please enclose pictures when you can so that we can observe any graying process, loss of hair, loss of weight, new children, etc. Please notify us of any change in address so that we can keep up with your movements. You are encouraged to visit here whenever possible and be sure to attend next year's Blizzard Party in Anaheim. Please notify us of any change in address so that we can keep up with your movements. We hope you have a happy Holiday Season and a prosperous New Year with good health.

A. E. Foster

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AGRONOMY FACULTY

- A. E. Foster, Professor and Chairman
- W. H. Ahrens, Ass't. Professor, Weed Science
- R. E. Barker, Adjunct Professor, Forage Crop Genetics (USDA, Mandan)
- L. G. Campbell, Adjunct Professor, Research Geneticist, Sugarbeet (USDA)
- R. G. Cantrell, Ass't. Professor, Durum Wheat Breeding
- J. F. Carter, Professor Emeritus, Retired
- D. J. Cox, Ass't. Professor, HRW Wheat Breeding
- H. Z. Cross, Professor, Corn Breeding
- E. L. Deckard, Professor, Crop Physiology
- A. G. Dexter, Professor, Extension, Weed Science, Sugarbeets
- W. W. Donald, Adjunct Professor, Research Agronomist, Weed Science, (USDA)
- D. L. Doney, Adjunct Professor, Research Geneticist, Sugarbeets (USDA)
- D. C. Ebeltoft, Professor Emeritus, Retired
- J. D. Franckowiak, Professor, Barley Breeding
- R. C. Froberg, Professor, Wheat Breeding
- K. F. Grafton, Ass't. Professor, Dry Bean Breeding
- J. J. Hammond, Professor, Flax Breeding
- J. J. Hanzel, Adjunct Professor, Sunflower Breeding
- J. L. Helm, Assoc. Prof., Extension, Row Crops
- T. C. Helms, Ass't. Professor, Soybean Breeding
- C. C. Jan, Adjunct Professor, Sunflower Cytogenetics (USDA)
- L. R. Joppa, Adjunct Professor, Res. Geneticist, Durum Genetics (USDA)
- K. A. Lucken, Professor, Hybrid Wheat
- H. R. Lund, Professor, Director, Experiment Station
- R. G. Lym, Ass't. Professor, Weed Science

AGRONOMY FACULTY (cont.)

S. S. Maan, Professor, Wheat Cytogenetics  
 P. L. McClean, Ass't. Professor, Molecular Genetics  
 M. S. McMullen, Assoc. Professor, Oat Breeding  
 C. G. Messersmith, Professor, Weed Science  
 D. W. Meyer, Professor, Forage Crops  
 J. F. Miller, Adjunct Professor, Research Geneticist, Flax and Sunflower Breeding (USDA)  
 J. D. Nalewaja, Professor, Weed Science  
 D. E. Peterson, Assistant Professor, Extension, Weed Specialist  
 A. A. Schneiter, Professor, Specialty Crops  
 R. H. Shimabukuro, Adjunct Professor, Plant Physiologist (USDA)  
 G. S. Smith, Professor Emeritus, Retired  
 L. A. Spilde, Assoc. Professor, Seedstocks  
 D. A. Whited, Professor, Genetics Teaching  
 N. D. Williams, Adjunct Professor, Research Geneticist (USDA)

RESEARCH ASSOCIATES

Frank Manthey, Weed Science

GRADUATE RESEARCH FELLOWS

Allen Faue, Barley Breeding  
 Rich Horsley, Barley Breeding  
 Tom Peters, Weed Control  
 Debra Steiger, Durum Breeding

VISITING FOREIGN SCIENTISTS

Jose Bariffi  
 Zbigniew Anyszka

SECRETARIES, 1987

Eileen Buringrud, Admin, Ass't. I  
 Carole Pederson, Account Technician I  
 Elaine Dobrinz, Admin. Sec. II  
 Amy Rott, Inf. Proc. Oper. I  
 Amy Jo Johnson, Word Proc. Oper. I  
 Mardell Krebsbach, Admin, Sec. I  
 Sharon Ahrens, Admin, Sec. I

TECHNICIANS AND OTHER CLASSIFIED, 1987

Ray Albrecht, sunflower-flax breeding, USDA  
 Robert Baumann, oat breeding  
 David Birdsall, durum wheat genetics, USDA  
 Jarvis Brosz, durum wheat breeding  
 Kay Carlson, wheat cytogenetics  
 Kathryn Christianson, perennial weeds  
 Steven Ellefson, barley breeding  
 James Faller, HRS wheat breeding  
 Roger Genoch, barley breeding  
 Joan Gordon, wheat cytogenetics  
 Burton Johnson, crop production  
 Gerald Johnson, HRW wheat breeding  
 Daryl Klindworth, wheat genetics, USDA  
 James Liedahl, hybrid wheat breeding  
 Lyle Lindberg, flax breeding

TECHNICIANS AND OTHER CLASSIFIED, 1987 (cont.)


Luke Longlet, seedstocks  
 John Luecke, sugarbeet weed control  
 Roger Lussenden, soybean breeding  
 Carl Madsen, HRS wheat breeding  
 Marvin Mayer, Motor Vehicle Mechanic I  
 Cathy Medich, molecular genetics  
 Garry Mowery, sunflower breeding, bird resistance  
 Wayne Norby, forage crop production  
 Kris Prodoehl, sugarbeet breeding, USDA  
 Dale Rehder, sunflower breeding, USDA  
 Ronald Roach, weed control  
 Marilyn Schroeder, crop physiology  
 Jody VanderWal, dry bean breeding  
 Duane Wanner, corn breeding

AGRONOMY GRADUATE MAJORS, FALL QUARTER, 1987

Albrecht, Ray	Self	
Arneson, Jerry	Self	
Axton, Lisa	Self	
Badaruddin, Md.	CIMMYT	Bangladesh
Birdsall, David	Self	
Bredehoeft, Mark	GRA	
Busse, Steven	Self	
CAGLEY, MICHAEL		
Castillo, Julio	LASPAU	Panama
Christianson Kathryn	Self	
Cukadar, Belgin	Gov't	Turkey
Dhanapala, Madduma	FAO	Sri Lanka
DOMINGUEZ, JUAN		Spain
Du, Hanlin	Gov't.	PRC
Eriksmoen, Eric	Self	
Faue, Allen	GRF	
Feist, David	GRA	
Feoli, Carlos	Gov't.	Argentina
Flake, Jeffery	GRA	
Friend, Terry	GRA	
Gonzalez, Fernando	GRA	Mexico
Gross, Patrick	GRA	
GUSTAFSON, VICKI	Self	
Hagemann, Kim	GRA	
Hartman, Christina	Self	
Held, Bruce	GRA	
Heley, Darwin	Self	
Hemenway, Jeff	GRA	
HICKMAN, MICHAEL	Self	
Hormis, Yousif	Gov't	Iraq
Horsley, Richard	GRF	
Houghton, Robert	GRA	
Hussain, Sayed Wajid	Gov't	Pakistan
Johnson, Burton	Self	
Khan, Aslam	TIPAN	Pakistan
Khan, Mohammad	FAO	Pakistan
Kirsch, Michael	Self	

AGRONOMY GRADUATE MAJORS, FALL QUARTER, 1987

Klindworth, Daryl	Self	
Klindworth, Margaret	Self	
LARSON, WARREN	Self	
LASKAR, WILLIAM	Self	
McMullan, Patrick	GRA	Canada
MAGSAM, RHONDA	Self	
Masud, Amir	Self	Pakistan
Miklas, Phillip	GRA	
Mitchell-Fetch, Jennifer	GRA	Canada
Mostafavi, Mohammad	Gov't	Iran
Nevado, Marco	World Bank/CIMMYT	Peru
Nsarellah, Nasserlehaq	Maroc/MIAC	Morocco
Olmedo, Oscar	GRA	Mexico
Ouse, David	GRA	
Pahl, Scott	GRA	
Peters, Tom	GRF	
Posch, Jeffrey	GRA	
Prodoehl, Kristine	Self	
REYNOLDS, DEAN		
Roman, Hector	GRA	Chile
Rugroden, Daniel	GRA	
Samad, Abdus	CIDA/CIMMYT	Bangladesh
Schimning, Wanda	GTF	
Seka, Dagou	AFGRAD	Ivory Coast
Simonson, Randall	Self	
Steiger, Debra	GRF	
Swenson, Orval	GRA	
Thorsness, Kevin	GRA	
WEED, DONALD	Self	



Merry Christmas from "Jack's Corner"

As Carl Johnson recommended, or a message from the former chairman, as Dr. Foster invited. I'm pleased to send you a short message as it is impossible for me or my wife to write each of you individually. First, thank you for the Holiday messages that came from you to the department or to us personally--we appreciate very much and wish to "keep track" and learn about you and your families.

We retired effective July 1, 1987, and had a wonderful party June 25 with about 280 people, including the Governor, attending. It is nice to have many friends! I cleaned out the main office enough that Dr. Foster can function effectively, I hope, but more cleaning to do yet. Our daughter and family were here on home leave for about six weeks in June and July so we were busy with them. I've continued to be busy with several major speeches and Proceedings articles in late 1987 including an emerging controversy on systems of crop variety release among some of the major Agricultural Experiment Stations. Alternative crops to our major crops now in surplus also are a popular topic for discussion.

I'm now working with a national committee of wheat breeders and cereal chemists on a major position paper on Wheat Breeding Issues Related to Grain Quality. Our objective will be to describe and justify to the U.S. Congress that wheat breeders have been breeding for end use (product) quality, i.e., hard red spring wheat for bread and durum wheat for pasta for 50 or more years. The Flax Institute occurs January 28-29 and other events in January, 1988, and I will teach grain grading in the Spring Quarter. I'm also on the Founder's Day Committee for 1989 NDSU Centennial--maybe some of you will attend part of that week. We hope to get some "vacation," probably in warmer climates in February.

Our daughter and husband are now in the U.S. Embassy in Accra, Ghana, should some of our African students pass that way. We have a new grandson, a "Carter boy" at last. Our family is ok and our own health ok although "getting older." I attended my 50th high school reunion last August and we have a major Carter reunion at Detroit Lakes in June, 1988.

Please stop to see us as you pass nearby, write with photos, inform us about your professional careers, attend the "Blizzard Party" if you attend the Agronomy meetings, and "represent Agronomy, NDSU, well"!

With Best Wishes to you all,

Dr. and Mrs. Carter

