

THE WEEKLY SPECTRUM.

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NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY MAR. 7, 1911.

PRICE 5 CENTS

Prof. Keene Author Of New Textbook

MECHANICS OF THE HOUSEHOLD JUST OFF THE PRESS.

The Spectrum has the pleasure of announcing the appearance of a new book on the market, a book that had its origin at this institution. This book bears the title "Mechanics of the Household" and was written by Prof. E. S. Keene, Dean of the Department of Engineering and Physics. A review of this book is convincing proof that it fills a long felt want at no one previous to Prof. Keene has satisfied.

To Prof. Keene is due the credit for being apparently the first professor of physics to recognize the fact that this subject should be made a useable one. Recognizing this need the production of a book that would place the students of this subject in possession of knowledge that had an everyday application. The book coming from his



Prof. Keene.

pen is particularly well written and profusely illustrated, and is divided into six chapters; each chapter dealing with some particular phase of Household Mechanics. Wherever an illustration will make a point more lucid it is inserted.

With the aid of this book all the contrivances, no matter how complicated, that are employed in any home may be easily understood. As an illustration of this the thermostat with its attachments, wiring, etc., that is employed in most modern homes, is generally little understood but the mechanism of these is so well illustrated and explained that their regulation and adjustment becomes comparatively easy. The merits and demerits of the heating systems used in the modern homes are extensively discussed and illustrated and instruction given as to their operation and how to develop the highest efficiency. The book throats it replete with valuable suggestions.

That Prof. Keene has issued a meritorious book is the consensus of opinion of those who have carefully looked it over.

Three Graduation Exercises Hereafter

At the last meeting of the faculty it was decided to give three separate commencement programs hereafter every year. The first one which will be held the last part of the winter term includes those who complete the six term courses or the Farm Husbandry, The Power Machinery and the Home Makers Course. The second will be for the High School and the Two Year Pharmacy graduates who will then receive their certificates. The college commencement exercises will, after this time, be entirely separate so only the four year graduates will receive their diplomas at this time and take any part in the regular commencement program. In former years the graduates of the two year special courses received their certificates at the same time the college graduates did. This change is a good one as it will make a clear distinction between the college Seniors and those who finish the lower courses.

Mrs. Dr. Johnson of Minneapolis and Mrs. Decker of Sioux City were guests of Miss Simmons last week. They were college visitors Thursday.

Capt. Ogaard is among the latest recruits belonging to Co. B. He became affiliated with the company Feb. 27th.

Grover Johnson and Roy Dupuis of the Williston High School delegates to the Y. M. C. A., were visitors at the College Friday.

Mar. 1st and 2nd, Pres. Worst-spoke at the Farmers Institute at Devils Lake.

Fargo College Drubbed

Opponent played fast game but wer out-classed. A good team was defeated by a better one

MOST STRENUOUS TIME YET

Fargo College completely eliminated from the Championship race. U. N. D. and A. C. only Eligibles.

And yet there are people who refuse to consider it anything but luck.

Well — The score book shows: Five baskets for Fargo College, and five for A. C. Nine free throws in sixteen attempts for A. C. and eight free throws in ten attempts for Fargo College. One point awarded to A. C. and one point awarded to Fargo College. The above totals up to 20 points for A. C. and 19 for Fargo College. You will remember the old adage "Figures never lie" — However — Well at times one feels justified in inverting the order.

And yet some there are who refuse to consider it anything but luck.

If you will bear with us this time we will promise to try not to let it happen again. We should like to quote from the "Wau Kan '10" — With Variations — "The A. C. game was hard fought, the score of 20 to 19 hardly doing justice to the Agricultural College, who out played the F. C. at every stage of the contest. They put up a worthy battle and one they need not be ashamed of. A better team beat a good team."

In probably one of the fiercest contests in the history of the state the North Dakota Agricultural College sent the little school on the summit of the Moraine down to defeat to the score above stated. Early in the evening the rosters from both schools began to heat, the legation of their opponent hour for the game to start the little gym was crowded to its capacity. Excitement ran riot from the start, and at times rose to feverish intensity. "The Shorthorn College" (as the local press has seen fit to designate us) were well represented rivaling, in numbers at least, the delegation of their opponent's rosters. At 8:30 the whistle sounded and the game was on. The Aggie quint was on the job from the beginning.

Darrow securing the first basket within the first four minutes of play. Bridge followed with two field goals in rapid succession putting the Aggies four points in the lead. However the Fargo College bunch were no mean antagonists and soon the score was tied. Then followed a period of fast playing in which neither team seemed to be able to secure any decided advantage. The Fargo College quint had the advantage of being adapted to playing on a small floor, and of being used to the baskets which were tilted up in front to an angle of about fifteen degrees, this materially handicapped our fellows in making long shots from the field. The first half ended with the score 10 to 8 in favor of Fargo College.

During the intermission the Fargo College rosters uncorked their enthusiasm and gave a snake dance in appreci-

ation of their lead gained in the first half, while the fair sex vented their exuberance by singing their college song, all of which was well managed, and was the source of much inspiration to those in attendance.

During the second half the contest waged even more furiously than in the first half. Slowly and steadily the A. C. cut down the Fargo College lead and surged ahead. However towards the last of the half Fargo College awoke and came dangerously near advancing their score and securing the lead, but the Aggies braced again, and when the whistle sounded they were leading but one point. In this game the work of Nolet, Bridge, and Darrow was phenomenal. The feature of Nolet's playing was the close cover he kept on his opponent and in times of a crisis he stopped many a basket. Bridge at forward was a source of infinite worry to Slingsby and notwithstanding the fact that much of his time and energy was spent in preventing himself from being laid out he played the usual phenomenal game. Darrow repeatedly received the ball on the tip-off and could always be depended on to start off the plays. Krafthefer, at center, adapted himself to his own environment and the result was a revelation to several of the opponent team. Wheeler during the second half and lived up to the pace set by his predecessor handling one or several of his opponents successfully. The work of Scott Drummond at passing the ball was of a sensational nature. At no point in the game did Drummond have a chance to star. He was always surrounded by a throng of admiring (?) opponents and he baffled them repeatedly.

In regard to the character of the game as a whole it need only be said — "It was rough."

For Fargo College George and Harry Haggart were easily the stars.

The character and grade of the officiating was irreproachable.

The lineup:

A. C. Fargo College.
Bridge H. Haggart
Right forward
Nolet G. Haggart, Harrington
Left forward
Krafthefer, Wheeler Thayer
Center
Drummond Boise
Right guard
Darrow Slingsby
Left guard.

Points — A. C., from field goals 10, from fouls 10, Fargo college, from field goals 10, from fouls, 9.

Dr. Critchfield umpired and Wolfe refereed.

One Of Our Students Need Our Assistance

One of the periods in every human life is that glorious series of reseat and sublime dreams which occur in the early youth of both men and women. The substance of these dreams is a protracted and sweet visional conception of the most beautiful girl in all the world to the young man and in the case of the girl it is an other real vision of the one and only boy worthy of attention.

Considered from a college students standpoint of expression the position of a fellow student is either a Freshman, Sophomore, Junior, or Senior. Often it is the case that the individuals who go thru this period however pass thru it safely and unnoticed by the angry mob, during the time they are Freshman or Sophomores and every one overlooks the foolish antics of those so

young and impressionable. But there is a limit to everything. A student who has entered well into his Junior year is expected to have passed thru the necessary yet altogether embryonic events combined are known as the activities resulting from "puppy love".

The Junior year at college is considered to be the most strenuous and important of all the four and it is then the student has reached an age when his thote should be rather mature and steady. If however, this time of his career it taken up with idolizing and dreaming connected with a perpetual vision of a maidens face and he can scarcely eat, sleep, recite or study without this fantasy appearing — oh, so close — to him, he can hardly do justice to his regular studies. Therefore it behooves everyone to make an attempt to discourage any such action on the part of one who is so situated. Let us all make an effort to do what we can to help one in our very mist who is sadly in need of our aid and assistance.

Miss Barrows Gives Numerous Lectures

600 LISTEN TO HER LECTURE IN THE ARMORY. DOMESTIC SCIENCE STUDENTS OF ALL SCHOOLS IN CITY HERE TO HEAR HER SPEAK.

An Expert Demonstrator

TELLS OF NUTRITUE VALUE OF DIFFERENT FOODS. SPECIAL ATTENTION GIVEN TO MEATS. ALSO TALKS AGRICULTURE.

Over 600 listened to Miss Barrows Lecture at the Armory Friday afternoon.

A very large representation of the Club women of Fargo, young ladies of Oak Grove Seminary, Fargo College, Concordia, faculty of the A. C., and practically all the girls of the A. C. attended this lecture and demonstration. All speak with highest words of praise of Miss Barrows as a skillful demonstrator. She is both practical and economical.

Before beginning her demonstration Miss Barrows told those present that they might get bulletins from the U. S. Dept. of Agriculture dealing on foods, preparation for table and nutritive value. These are sent free by sending to the Department of Agriculture of a Senator or Representative from the state. Miss Barrows also referred to charts which showed plainly the various cuts of meat. She showed that various markets cut meats differ and quoted from the old time saying that the market price of a creature is likely to increase from the head towards the legs. In explaining meaning of top and bottom cuts Miss Barrows said that these terms did not refer to parts of the creature but rather the way meat was layed on the block. The bottom cut simply refers to the side next to the block.

In all cooking of meat just two principles are involved, first to keep the juices in, second to take the juices out.

In order to keep the juices in the meat may be protected by flour or by searing with heat, or by rolling in eggs and bread crumbs, but this last method is more suitable for cooked meats than raw ones.

She prepared veal cutlets with brown sauce. Proportion of butter to flour is 2 tablespoons of butter to 3 of flour to one cup of liquid.

In estimating the nutritive value of foods the cost of foods alone is not sufficient but one must know the composition in order to estimate the nutrition and value, to the body.

Miss Barrows also suggested dipping black layers of skin in scalding water a moment after which it can be easily removed, leaving the white and more desirable skin.

The preparation of a fowl for cooking was the last stage of her demonstration. She weighed inedible parts of the fowl not including feet and found that in a 6 lb. fowl one lb. is inedible and must be discarded. She saved the fat which is soft and oily to mix with harder fat such as beef suet for other culinary purposes.

Friday morning Miss Barrows addressed the Fargo High School Students at 9 o'clock giving them very valuable ideas about the importance of fortifying the body so we may be more efficient in our life work. At 10 o'clock she addressed students at Fargo College speaking on the great importance of Domestic Science in preparation of girls for their work in life.

She said that if it is necessary for practice the feeding of balanced rations practice the feeding of balanced rations to a dairy cow in order that she may produce \$50 per annum that by the same intelligence in feeding the human family who have 10 times at least the earning power of a cow per annum would be a desirable thing.

"It is not sufficient that we have labels telling ingredients in food but must know what she should choose and what to let alone." In classical colleges there are to many subjects like Latin and Trigonometry to make it possible for students to learn how to conserve human energy by wisely understanding

Another Interesting Talk Before Polytechnic

Dr. Callander Talks on Engenics

TAKES UP IMPROVEMENT OF THE HUMAN RACE FROM A SCIENTIFIC STANDPOINT. WOULD PREVENT THE EXISTANCE OF DEGENERATES BY EDUCATION OF PARENTS.

Dr. Callander of the city, delivered a very comprehensive paper on "Eugenics" before the Polytechnic Society on last Wednesday evening. He treated this broad subject relating to the general improvement of the human family from the standpoint of the scientist, reviewing for a body of scientists the scope of the work, the great need for it, and its resulting benefit. He said in part:

Life is wealth as we all know. It is a sad fact that there is a great loss of death in the very first year of life, which by improvement and education of the parents, would mean a great saving of wealth to the race as a whole. The plan of the science of "Eugenics" is to prevent the coming into existence of all unfit children such as inebriates, cripples, habitual criminals, and degenerates of all sorts, by educating the parents, and thus neutralizing the unfitness of the unfit. Eugenics tends further to exterminate the decadence of the race by prohibiting the reproduction of all infirmities that may be transmitted by the laws of heredity.

There is both a biological and moral need for the rearing of a race well developed in body and mind, and immune from disease, crime, and depravity. Heredity is both positive and negative, and occurs according to Mendelian law, the strongest character, be it positive or negative, predominating with the other character present, but latent and undeveloped.

The doctor passed the inheritance of positive and desirable characters such as health, strength, talent and genius, which are very evident, and familiar to all, to the discussion of the negative characters of heredity, many of which are popular thought acquired. Among these are hereditary diseases, the drug habit, insanity, habitual criminality, alcoholism, epilepsy, etc., and which are shown by careful investigation to be inherited. These negative characters are listed and branded as racial poisons, and are among the many objectionable features which the science of Eugenics hopes to eliminate from the makeup of the human animal.

The inheritance of positive characters was forcibly brought out by illustrating from the family of the eminent scientist, Charles Darwin. His grandfathers on both sides, his father and uncles, and he himself, were among the most noted of physicians and scientists of their country, and in whose families a great capacity for genius predominated.

In closing, the speaker stated that the problem of Eugenics is a very important one, and altho it is receiving considerable attention of the scientific world, its knowledge and general benefits are not known to the general public. It is difficult and more or less a delicate matter to meddle with the human family and its improvements in this way, nevertheless the physical and moral uplift of the race is a live question, and needs but sane and conservative public opinion to start it.

The speaker before the next Polytechnic meeting will be Prof. R. H. Slocum, of the department of Civil Engineering.

Mr. Hammond Pres. of the Industrial Education Society is using strictly business methods in advertising the meetings of the society. His ads are particularly original and attractive, and reflect no little credit to their originator.

the value of food. She spoke of the education of appetites in matter of foods as important as the education of ourselves in matters of literature, art, music, etc. She deplored the fact that we think we must eat gaudy things rather than plain substantial cookery.

We spend half of our money for food and we should understand what we are spending it for. It is not how much money we earn but how much we wisely spend.

Miss Barrows has added much interest of Home Economics and much credit is due Mr. Hoyerstad in obtaining the services of so gifted a woman.

For A Good Time Attend The PHARMACY CLUB DANCE Friday Eve. March 10th

THE WEEKLY SPECTRUM

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Our fellow students are undoubtedly anxiously awaiting the time when they will know definitely what action the Governor will take on the appropriation bills that were passed by the legislators. At the present time the Spectrum does not have the desired information to impart.

The Spectrum addresses the members of the short courses who are to leave us this week. To you the Spectrum extends best wishes. Your departure affords no pleasure. It is hoped that your stay with us has been a profitable one and that while here you have been given an insight into a good many things that previously you were not cognizant of and that you return to your homes imbued with an ambition to become a potent uplifting factor in our commonwealth. If such is not the case 'tis but an indication that your stay here was not long enough or that there must be something wrong with you or those who have served as your instructors. In all probability the fault is traceable to you and you are but in need of a greater education.

Now that you are entering upon the serious activities of life you should give your condition most serious consideration. You should not overlook the fact that an education will cost you but comparatively little to what your ignorance will cost you if you go thru life but poorly schooled. You are undoubtedly anxious to enter upon some life activity at once and get the dollars started your way but remember that if you are inadequately equipped that you will be jostled about, preyed upon, and perhaps eventually forced to take what others may dole out to you.

But there are many other reasons, far to many to mention here, why it would be of great advantage to you to continue in school awhile longer. During the summer give your future serious thought and as fall approaches have your mind made up to return to the A. C. Many a young man or woman whose resources were less than yours has taken a college course and greatly profited by doing so.

A newspaper which is published in a city the size of Fargo should attempt to report news concerning local happenings in an unprejudiced and fair way. The newspaper which is referred to in this article is the Fargo-Courier News and the event which it reported in a distorted and altogether unfair way was the basketball game which occurred last Saturday night between our team and the team representing Fargo College.

If the question was asked which of these two educational institutions was doing the most not only for the state of North Dakota but also for the city of Fargo, there would not be much doubt of the answer. From this one view point alone it should behoove any newspaper to give us a square deal. Even a daily published in a city in which is located an institution which in a measure is our rival never refers to us in a slighting and disrespectful way. Yet here in our home town reports are published which are intended to praise and glorify the efforts of one school and belittle and discount the victories of the other. If the writer of the above mentioned article considers himself sarcastic by referring to us as "short-horns" or he attempted to lower us in the estimation of fair minded people by constantly calling us "farmers" he was sadly fooled for we are proud of being connected with an institution that caters to the life and blood of this great state.

Furthermore it is a question in our minds whether or not the Goddess of Fortune was the only aid we had in winning that contest for it seems strange that luck should always be on the side of the team which is infinitely the superior. As far as individual playing is concerned we doubt very much whether the writer of that article was much of a judge of ability in any case every one which witnessed the contest knows that Fargo College had some opposition and in all instances, notwithstanding the pugilistic attempts of most

of its team, our men managed to account for themselves.

There is no doubt in anyones mind that the reporter of that game was prejudiced yet it would seem very wise if the management of the morning sheet would detail a man to report an article of this nature in a way which approached at a semblance of fairness and justice.

No more important measure has come up for years past before the people of North Dakota and of the whole United States than the proposed treaty for Reciprocity with Canada. It deeply concerns the prosperity of every citizen of North Dakota, and deserves therefore very careful thought. We wonder if our fellow students fully realize that this measure most vitally affects them. Do you realize, student reader, that if this proposal becomes a fact that you will be divested in all probability of many of the things that you could have and will be required to labor longer and harder for the things you do secure. That it will most vitally affect you is a fact that cannot be escaped. Are you giving the subject any attention. If not, why not? If you have not the time at your command to study the situation and its affect upon you would it not be a good plan for you and your fellow students to get together and secure enlightenment from someone who has made an extensive study of the merits and demerits of the proposal in question? The Spectrum knowing of the particular fitness of the historian at this institution to impartially discuss a subject of this nature would suggest that the students get together at some convenient time and ask the above mentioned gentleman to give them some of his time and enlighten them on the effects that reciprocity would have upon them and other classes as well. The gentleman is suggested particularly because he has spent years in the study of history and in the measures that have made and handicapped nations. When shall we get together and discuss this matter that in all probability will come up for definite action at the special session of Congress that President Taft purposes to call the 4th of April? Become conversant with Reciprocity because it concerns you.

Ceres Hall Notes.

Miss Fehr was entertained at the Gardner last Saturday evening by a number of her college friends. The occasion was in honor of her engagement which was recently announced.

Senator A. L. Gibbens was a pleasant caller at Ceres Hall last Sunday on his way home from Bismarck.

A few of the dormitory girls charpered by Miss Eastgate, entertained some of their special friends last Friday evening. After the arrival of the gentlemen who had literary duties to perform, and old fashioned taffy pull was enjoyed after which dainty refreshments were served. At the close the party the young men present experienced no little trouble in locating their proper belongings.

Mr. Nestos, an attorney from Minot was a guest of the Dolve's Sunday noon at Ceres Hall.

Miss Grace Steedsman who has been spending the past week with her sister, Miss Edna, returned to her home at Larimore Saturday morning.

Miss Cockburn enjoyed a visit from Mrs. Morrison of Webster last Sat. and Sunday. Mrs. Morrison was on her way home from Bismarck after visiting the legislature.

Mrs. Holt of Larimore is visiting her son, Walter, and also her friends at Ceres Hall, Mrs. and Miss Eastgate.

Mission Club was entertained last Saturday afternoon by the Gibbens girls.

Quite a number of girls are preparing to leave for home at an early date.

A number of the students who attended the F. C. game were kind enough to come out to Ceres Hall afterwards and announce the score for the benefit of the girls who could not attend.

Ten young men will graduate from the Farm Husbandry Course this year. Every one of these will have a part to play and something to say at the banquet which will be held in the boys dormitory to which will be invited the parents of the graduates, the Farm Husbandry Alumni and quite a number of the faculty making about fifty altogether. A committee on programs and another on the banquet is now completing the final arrangement for the affair. Anton Christ the President of the Class will be the toastmaster. After the banquet all will proceed to the Armory where they will listen to the commencement address on "Back to the Farm" by Col. Wilkinson of St. Elmo Park, Minn.

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SOCIETY

ATHENIANS.

An unusually good program was given in the Athenian room Friday evening, of which the following are the numbers.

- Piano Duet Misses Peterson
- Current Events Charles Ruzicka
- Reading Katherine Kelley
- Knocks Chester Holkesvig
- Commendations Mabel Cox
- Extemporaneous Talks
- Woman Suffrage Mark Heller
- Populur Election of Senators John Wentz
- Springtime Rosabelle Magill
- Yellow and the Green Society
- Spelling Match Leaders, Edwin Evingson and Addie Stafford.
- Mr. Evingson's side was victorious, much credit being due to Mrs. Shepherd who was the last one to be downed.
- At the business meeting officers for the spring term were elected, the following being the favored ones.
- Miss Ruby Gibbens President
- Mr. John Wentz Vice President
- Mr. Reginald Dynes Secretary
- Mr. Chester Holkesvig, Musical Director.

PHILOMATHIANS.

Friday evening the Philomathians held their regular meeting in Room 22 of the Engineering building. Professor Arnold gave a strong talk about the benefits to be derived from a literary society provided its members are energetic. It takes ambition, initiative and energy to accomplish any great good, he declared and he urged all to be active in literary work.

The program followed this address and consisted of a declamation by Mr. Dynes, an essay by Mr. Peters and a debate on the question. Resolved: That North Dakota should adopt the Initiative and Referendum in which Mr. Horst Mr. Calnan and Mr. Stapleton presented some very strong arguments. Mr. Stotland then gave an extemporaneous talk on the subject of national armaments of the different nations. After the program a social session was participated in, in which all present indulged in light refreshments and a general good time. Enjoyment was rife and much pleasure was evident over the various discussions of Literary societies, basketball and lighter forms of entertainment. When the hour of departure arrived all were in a happy state both physically and mentally.

A. C. A. H. E.

The Association of Home Economics held a meeting in Prof. Keene's lecture room in the Engineering Building on Wednesday afternoon at 3:30. Mr. Bailey of the Bureau of Grain Standardization with offices at the Experiment Mill, gave a very interesting and instructive lecture on "Bread Baking". Thruout the lecture he gave stereopticon views of the different stages in breadbaking and views from commercial bakeries. Mr. Bailey was assisted by Prof. Keene.

N. D. A. C. L. E.
The following program will be given at the meeting of the Lyceum to be held Mar. 10th, at 7:30. All engineers urged to attend.

- Smith Peterson Eng. Locals
- M. C. Smith Magazine Report
- Ralph Wheeler Magazine Report
- J. F. Nolet Paper
- Prof. Slocum Talk
- The Power Machinery Club met in the gas engine lecture room of the Engineering building on Friday evening. The principle number on the program was a debate on the question. Resolved: That gas engines are better adapted to farm use than steam engines. The affirmative was upheld by Mr. Simons and Mr. Arnold and the negative by Mr. Brown and Mr. Pegg. The decision was in favor of the negative.
- Prof. Gunness gave a talk on the Winnipeg Motor Contest in which he discussed some of the results of the contest and compared them with those held last year.

The Agricultural Club had an interesting meeting as usual Friday evening. Adolph Dahlbeck talked on Hog raising in North Dakota. Allan Andrews spoke on Cement and its uses on the farm while Orlando McCulloch gave a talk on the rural schools of this state. This talk created considerable discussion among members and visitors who were present. Mr. Kerr and Mr. Booth gave especially good talks on the same question.

Next Friday the program will be as follows.

- The Relation of North Dakota Farmers to Politics Wm. Guy
- Reading Murray Derrickson
- Horses and some of their Enemies Roland Magill
- Parcel Post Oscar Rygg.
- All agricultural students are especially urged to be there.

Mr. Holcomb a Minneapolis gentleman was a guest of Sec. Yoder last week.

PERSONALS

Owing to the Y. M. C. A. State convention being held in this city Friday, Saturday and Sunday, Mar. 3, 4, and 5th, the regular Sunday afternoon meeting at the Boy's Dormitory was not held. The next meeting will occur at the regular time Sunday March 12th. at 2:30 P. M. A. L. Miller will speak. All members of the association and those interested in the work should make it a point to be present as it will probably be the last Sunday afternoon meeting held this term.

Fifteen students represented the college Y. M. C. A. at the State Convention banquet held in the city Y. M. C. A. gymnasium Friday evening Mar. 2nd.

Mr. Wm. Scott at the Boy's Dormitory was called home on account of his mother's illness.

Miss Weaver was a visitor of Miss Emily Heldt, at the Boy's Dormitory Monday and Tuesday.

The unknown cause of a repugnant smelling bed was not discovered by Wm Emery until an early hour in the morning when he happened to shift his pillow to discover a good sized piece of limburger cheese.

Mr. Vern McCall, who is at the St. Lukes Hospital is getting along very nicely with the results of an appendicitis operation. He will, probably, be able to be at the college some time this week.

The pedigreed seed grain that is given out by the college from the experiment station, sub stations, and demonstration farms is nearly all gone. This year they were able to furnish pedigreed seeds of twenty different varieties of grain. These seeds are handled and given out in a systematic way great care being taken not to in any way get the varieties mixed or have any loss in the shipping of the seeds to the farmers. They are put in good sacks and each sack labeled and sealed.

The two last clinics sessions have been under the charge of Dr. Schalk. Two very interesting cases were treated last Saturday and five the previous Saturday. The attendance has been extremely large and much interest it taken by the students this term.

Dr. Harris who has been confined with pneumonia is rapidly recovering and is now safely over the danger point. It is hoped that he will be with us in a short time.

Miss Barrows and Miss Jessie Hoover were entertained by Mrs. N. P. Osgood of 304, Ave. 30, at dinner on Thursday.

Several of the College people enjoyed the party Friday evening given by Dr. and Mrs. Hallenberg for the members of the Delta Tau fraternity in Fargo.

Sec. Yoder leaves today or tomorrow for Bismarck, where he goes on business pertaining to the Agricultural College.

Pres. Worst spoke at Hendrum, Minn., Mar. 4th, on the subject, "How to Make Country Life Pleasanter".

Mrs. Minard suffered a severe attack of tonsillitis during the week but at the present writing is recovering nicely.

The latter part of the week Pres. Worst speaks in the western part of the state course of study, was in a college 9th, he will speak at Mandan and the following day at Dickey.

Mr. C. C. Schmidt Chairman of the Committee of Seven, on whose shoulders rests the responsibility of revising the state course of study was a college visitor during the week in consultation with Prof. Weeks, a member of the committee. This committee received their commission from the State Superintendent of Schools. It expected that their recommendations will be put in force at the beginning of next year.

A number of Senior's were present at the Polytechnic meeting Wednesday evening and were interested listeners on the subject under discussion,—that of Eugenics.

Prof. Abbott of the University, formerly of this institution, stopped here Thursday to call on friends. He was on his way to Bismarck where he had been called to confer with the legislative committee on the Snuff bill.

Two valuable prices of apparatus have recently been added to the seed laboratory. One is a mixer of an improved design to be used in securing fair small samples for inspection from larger quantities. The other is a blower for cleaning grain.

The young ladies taking domestic economy at the Fargo High School were visitors at the College for Miss Barrows lecture Friday afternoon.

Prof. Bolley spent the most of last week in Chicago and other eastern points in the interest of the flax growers of this state. His mission was to secure flax seed for the coming season.

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This is a very important question this year as there is not enough flax in the state at the present time of the right quality to plant more than a small portion of this crop that should be grown. But that is not all for it is even hard to secure the necessary seed in this country so it becomes quite a problem.

The services that Prof. Minard and Slocum have rendered in the past year in the capacities of President and Treasurer of the Athletic Board of Control, were properly recognized at the Faculty meeting last Friday afternoon. The faculty unanimously voted that these gentlemen continue in the above capacities for the following year.

Our rooters who attended the Fargo College game Saturday celebrated the victory by forming in line and marching thru town, incidentally giving a few rousing yells to let everybody know the score was in our favor. A bon fire was started in front of Ceres Hall. A war dance, some more yelling and a general jollification furnished excitement for everybody, even succeeding in interesting the slumbering ones at the young ladies dormitory.

At the Faculty meeting last Friday a number of important measures came up for discussion, among the things affecting students, was a ruling that hereafter credit will not be given for work done in the Short Courses with the exception of the work taken in Bookkeeping, Gas and Steam Engines, Wood and Forge Shop, and Stock Judging.

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Further evidence that the North Dakota Agricultural College is training and graduating men and women who are making good in various callings is received from day to day. Among those who are achieving decided success may be mentioned, Mrs. Anna H. Mueller who graduated from this institution in 1903 as Miss Anna Stapelton. Mrs. Mueller received this institution's B. S. degree. Following graduation she spent several years of successful work in the public schools, holding responsible positions from the primary grades to High Schools and Summer Normals. Mrs. Mueller ranks high as an educator in North Dakota in which state she holds a life professional certificate and was commissioned as one of the representatives in charge of the North Dakota Educational Exhibit St. Louis 1905. Mrs. Mueller has had considerable editorial experience, but as a new departure has embarked in an enterprise known as the Mueller's teachers agency located at 450 W. Uintah, St. Colorado Springs Colorado. Mrs. Mueller is endorsed by a goodly number of educators and prominent people and it is said that she is succeeding beautifully in this new line of work. Mrs. Mueller's achievements since graduation reflects no little credit to herself and to this institution.

Graduate Secures A Good Position

ALLEN CLARK TO BECOMES ASSISTANT PLANT BREEDER AT DICKINSON SUB-STATION.

Mr. J. Allen Clark of the class of 1910 has accepted a fine position as Assistant Plant Breeder at the Dickinson Sub-Station left vacant by his brother Charles H. Clark who resigned this position to accept the position of Assistant Plant Breeder at the University of Arizona. Allen, after graduating here last spring accepted the state agency for one of the leading insurance companies operating in the state, but severed his connection with this company in order to take advantage of the opportunities offered by the position at Dickinson. The winter months have been spent at this institution taking post-graduate work in preparation for the special duties connected with this new position.

During Mr. Clark's entire connection with this school he has ever taken a great interest in athletics and particularly basketball in which field he was a star helping largely from year to year to bring our institution to the front in the particular athletic line. The Spectrum follows to keep Mr. Clark in touch with all the activities at this place.

Registrar Parrott has his spring schedules near completion and they will probably be posted today or tomorrow.

Prof. Arvold's office presents the appearance of an art museum. His collection of college programs presents an interesting study. The programs originated by Prof. Arvold stand out distinctly above most every specimen in the collection.

Supt. Tibert received the intelligence of the serious illness of his sister in Greenfield's Nova Scotia and left last evening for that place. Mr. Tibert spent his boyhood days at this place and twenty years have elapsed since he left. Mr. Tibert expects to remain away at least four weeks.

Mr. H. J. Hughes, an alumnus of this institution, hands the friends of James J. Hill some neat advice thru the columns of his paper the Farm Stock and Home. Mr. Hughes is much interested in the Reciprocity agitation before the public and is doing all within his power to prevent disaster to the American Farmer.

Prof. Dolve spoke before the Farmers Institute at Devils Lake last Thursday. In the afternoon he spoke on concrete construction on the farm and in the evening on the construction and maintenance of country roads.

Rufus Lee an old A. C. student visited with friends at the college last week.

Lovers of good music will be given quite a treat next Friday. Clarence Eddy said to be the world's greatest player on the pipe organ will give a concert at the Masonic Temple.

"Gen" Scott the popular junior guardian of Capt. Ogaard, was called home to New Salem last week on account of the sickness of his mother.

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At The Grand

The next speaker at the Grand is one who has made sociology a particular study and who is at present in charge of the social center extension work of the University of Wisconsin. Reference is made to Edward J. Ward who previous to coming to the Wisconsin U. brought Rochester, N. Y. into the public eye by his able supervision of playgrounds and social work along various lines. Under his leadership the school buildings were put to use as evening social centers; and recreational gatherings, lectures, discussions, civic clubs, free motion pictures, entertainment and other occasions revived under modern city conditions, the social spirit of the "little red schoolhouse" Mr. Ward's work attracted such attention at Rochester that he was secured by the U. of Wisconsin to become a part of its extension staff.

Mr. Ward's lecture at the Grand will be illustrated and upon the subject "Civic and Social Center Development". Since there is a fertile field in Fargo for work along such lines as Mr. Ward stands for, as many as can should make it a point to be present and secure some of the ideas that he has to advance.

The attention of the students is called to the Student Election which will occur on Monday March 13, and at which time the officers of the Student Council, the Spectrum officials and the officers and members of the Boards of Public Speaking and Athletic Control for 1911-12 will be elected.

As this is only the second such election since the organization of the Student's Council last year a word of explanation as to the duties and qualifications of the officers who are to be elected may not come amiss.

The positions to be filled and the requirements for candidacy are as follows: The President, Vice President, Secretary and Treasurer of the Council, the President of the Board of Public Speaking Control, and the Editor and Business Manager of the Spectrum must be members of the Junior or Senior classes during their term of office.

The four remaining members of the Board of Public Speaking Control are elected at large from the college classes. The four student members of the Board of Athletic Control are chosen from any of the nine months courses and are not required to be of college rank. The Faculty Manager of Athletics is elected from the Faculty.

All these officials are elected by the Council and will take up their duties at the end of the spring term. As there are a large number of positions to be filled considerable confusion will be avoided if all students, and particularly those who are members of the Council, will familiarize themselves with the duties and requirements of the various offices.

L. D. GIFFORD.

Mr. Wickersham of the Manual Training department of the Fargo High School, was a guest of Prof. Keene's Saturday. Mr. Wickersham's interest lying largely in this department, the equipment was examined with interest.

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