

# The Weekly Spectrum.

VOL. XII. NUMBER 16. NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY, JANUARY 27, 1908.

PRICE 5 CENTS

## A. C. Scores Double Victory

Mayville 34—A. C. 65.

The second double game of the season in our basket ball series took place at the A. C. Armory Friday evening, Jan. 24. The Mayville teams were stronger than they were last year and outclassed our teams in both height and weight. Many Fargo people as well as the students witnessed the contests.

The girls' game was called at 8:15, and from the start it was a very closely contested battle, neither side being able to gain much advantage over the other. The first half ended with the score, Mayville 6, A. C. 8.

The second half was very interesting. There were a number of fouls and time was taken out several times. The contest was as close in this half as in the first, ending with the final score, Mayville 15—A. C. 16. For the A. C. Miss Doleshy played a star game in spite of an injury received early in the first half. Miss McKeel did excellent work in basket shooting. The whole team is to be congratulated for the excellent work against the strong Mayville team.

The boys' game was a clean fast one, there being few fouls. However time was taken out several times. Although the A. C. boys were much smaller than the Mayvilleites our boys succeeded in winning by a score of 19 to 49.

Early in the first half Frank Darrow received an injury in the knee which compelled him to leave the game at the end of the half. Hausner did good work at center. Darrow starred as usual, making 32 points. Ueland played a good game, being strong on team work.

Allen Clark played an excellent game against Mayville's best man, Dolve. Anderson played a safe game, allowing only one basket.

Next Saturday our double game with Valley City Normal will take place. The visitors will have a strong aggregation and it will be only with good playing that they will be defeated. With our team in improved condition we shall see an excellent game.

### Officers to Give a Hop.

The commissioned and staff officers of the College Cadet Battalion are planning on giving another of their military hops this year. The dance last year will be remembered as one of the most delightful of the season and the officers are expecting to do things right again this year. Feb. 8th has been secured as the date.

### Mrs. McKinstry Dead.

Notice comes to us of the death of the mother of Mr. Harold McKinstry one of the well known students at this institution.

The students and the Spectrum both extend their sincerest sympathy.

### High Grade Butter.

A sample of butter sent to Geo. P. Grout from the LaMoure creamery scored 94½, which is very high for butter during this season of the year.

## The Cyclone

Will Strike This Region in March.

First Circus of the Year Billed for the A. C.

The A. C. is to have the first circus of the year and it will probably be here long before the violets bloom and perhaps before the snow is all gone. Weather is no object with this circus for being a "Cyclone" in itself, it is able to create enough disturbance to keep the weather warm to week.

Professor Arvold is chief conspirator and initial promoter of a scheme to defy the weather man and have a real live circus at the A. C. before they start carrying water for the elephant in the more southern climes. The big circus will be of the variety known as "indoor" which flourishes mostly in college towns where the population is sufficiently wide awake to get up and take notice. Performances will be given afternoon and evening, one at two o'clock, rain or shine, and one at seven, sleet or snow. Prices will be, for adults twenty-five cents, and for children fifteen, which puts a ticket to the great show within the reach of every student and some of the professors.

The big show like many of its inferior predecessors will be composed of half a score or so of smaller shows, all combined under one roof and half a dozen different names. Each society and organization in the college will be on one attraction, and the famous Wienerwurst Band be imported from the University of Bologna to furnish the music. With each ticket there will be given a coupon entitling the holder to so many votes for the society or organization having, in his estimation, the best attraction. The society receiving the most votes will then be presented with a handsome prize. Each society participating will probably receive five per cent of the total receipts and thus be stimulated to put on a "stunt" worth while.

Prof. Arvold's idea is to have each of the ten leading organizations of the college work up some special attraction in the nature of a circus and then combine the whole into a great "Cyclone" circus to be held in the Armory about March 7th. Besides the ten main attractions of the big show there will also be numerous side shows, barkers, clowns, and a number of hair raising feats and the cadet band has dusted off all the circus music in its repertoire.

On account of the numerous fakirs whom it is expected will be attracted by the crowds in attendance at the big show, the college police force will be doubled by the addition of a ferocious bulldog and it is expected to keep the peace at all costs. Pink lemonade and popcorn will be in abundance. The big parade will be a feature of the entertainment.

Besides Prof. Arvold, Prof. Slocum and Mr. Sudro are heavy

stockholders in the enterprise and with their unlimited financial backing, will help much to insure the success of the undertaking. The management already has the consent and support of President Worst and at present is devoting all its energies to the obtaining of a franchise from the entertainment committee. After these arrangements are made it will merely be necessary to keep one's eyes open and watch for the band wagon.

## Formal Opening of the New Engineering Building

MANY PEOPLE INSPECT THE EQUIPMENT.

Faculty Receives.

The formal opening of the new engineering building took place Saturday evening with a public reception to the students and friends of the institution. The class rooms, laboratories and shops of both the Engineering and Mechanical buildings were thrown open for the inspection of visitors and the students of the Department arrayed in full uniform, served as guides to conduct the admiring visitors about. The affair was one of the most brilliant that ever occurred on the campus and the attendance was all that could be expected, five hundred personal invitations having been sent out to the friends of the College.

The receiving line, composed of President and Mrs. Worst, Dean and Mrs. Keene, Professor and Mrs. Rose, and Professor Slocum, stood just without the door of the large physics room on the second floor where a continual stream of visitors flowed through and out into the property room and laboratory. Up on the third floor Miss Jaredine Thompson held a miniature court in the freehand drawing room and studio.

Three great punch bowls were distributed about the building, the one on the third floor being graciously presided over by the Misses Grest and Eyolfson, while the two on the second floor were in charge of the Misses Hicks and Thompson and the Misses Rice and Holkesvig, respectively. Many of the seniors were present attired in their caps and gowns.

Dr. Putnam's orchestra, stationed in a small alcove at the end of the hall on the second floor, furnished the music for the occasion.

Although the building was at no time excessively crowded, the number of visitors must have run well into the neighborhood of three or four hundred. In fact the whole reception was a brilliant success, and the engineering faculty is to be congratulated on the manner in which it "does things."

The only incident that occurred to mar the success of the evening in the least was the burning out of the fuses on the main light circuit which left the building in total darkness for a moment until another fuse could be inserted.

Many of the visitors expressed great surprise at the completeness of the equipment and the scope of the department's work. All joined

## Stockwell Speaks

at Convocation

Discusses School Lands.

Mr. W. L. Stockwell, state superintendent of public instruction, was present at the convocation exercises last Monday and favored the students with an excellent address on the school lands and the permanent funds for the support of our public schools and state institutions. As Mr. Stockwell said, the subject was informational rather than inspirational, however it was treated in an exceedingly interesting and pleasing manner and was greatly appreciated by an attentive audience.

Being limited for time the speaker briefly outlined the efforts put forth by our forefathers to provide for the support of our public schools, the chief result of which were the setting aside by the ordinances of 1785 and 1848 the sixteenth and thirty-sixth sections of each township in the territories; the proceeds from the leasing and sale of which should go to the establishment of a permanent fund for the support of the public schools and higher educational institutions of the state.

These acts gave to the schools of the state of North Dakota 2,250,000 acres of land. In addition to these there were added by special grants from the federal government to our higher institutions of learning; 90,000 acres to the A. C., and 46,080 acres to the University and by the state enabling act of 1889, 500,000 acres more were distributed among our state institutions, 40,000 going to the A. C. This makes a grand total of 2,918,000 given to our public schools and state institutions by the federal government.

Profiting by the mistakes of other states in selling these lands for a little or nothing, North Dakota made provision that none of the land should be sold for less than ten dollars per acre which should be paid in five installments

in acknowledging the new building to be one of the finest of its kind in the country.

### Will Teach Farmers.

Dr. Wiley recently stated before a house committee that plans were under way to teach the farmers of the country how to make denatured alcohol. A still will be erected at the bureau of chemistry in Washington and the agricultural colleges of the country will be invited to send a representative there to master the science of making alcohol.

In connection with this it is interesting to note that the department is closely following the steps recently taken by our own chemistry department where already most of the necessary apparatus has been provided and plans are under way to test the value of North Dakota products in the manufacture of the new fuel.

### Change in Time.

Starting Wednesday morning the college clocks will be set to run on standard time instead of ten minutes slower, as they are at

extending over twenty years. The credit for this exceedingly wise and far seeing provision should go to General W. H. H. Beadle, of South Dakota, formerly territorial superintendent of instruction.

The control of the leasing, sale and investment of the proceeds of these lands is vested in the board of university and school lands which consists of the governor, superintendent of public instruction, secretary of state, state auditor and attorney general.

Up to the present time 553,000 acres of the common school lands and 320,000 of that of the higher institutions have been sold. The proceeds from these sales amounts to \$12,180,320, \$8,000,000 of which belongs to the public schools, and \$4,000,000 to the state institutions.

This is invested in securities consisting of federal and state and school bonds and farm lands, the interest on which goes to the maintenance of our schools. The investment up to July 1, 1906, amounted to \$12,561,500 bringing from 3½ to 7 per cent interest.

The investment since July 1, 1906, has amounted to \$1,669,500. Of this amount \$644,030 was invested in school bonds, \$593,950 in farm loans, \$274,600 in municipal bonds, \$156,900 in state and county bonds.

There has been recently received from the sale of school bonds \$280,000 and the fund balanced for investment is approximately \$500,000 with \$300,000 provided for but not realized.

The income from this fund to the state institutions at present is over \$200,000 annually, and that to the common schools is over \$500,000.

For the businesslike management of this great fund too much credit cannot be given the board and in this Superintendent Stockwell should be given special mention for his efficient and intelligent part in the work.

present. This means that some of the students will have to set their alarm clocks ahead a notch if they would not be late at their 8 o'clock classes.

### Choir to Make Its Initial Appearance.

One of the features of the special services in chapel next Thursday morning will be the first public appearance of the college choir which has been training for some time under the efficient direction of Prof. McArdle. The choir includes about twenty-five of the best voices in the college and the selections which they will render will no doubt prove a treat to music lovers.

### Had to be Shot.

The veterinary department found it necessary to shoot the horse affected with swamp fever which has been in its possession for some time. Experiments were being carried on to determine the causative agents of the fever in the animal which, no doubt, would have proved fatal.

## SOCIETY

### Y. M. C. A.

The association was favored by Mr. Dynes on last Wednesday evening, who talked to the young men on the subject of leadership. The college man with his increased perspective has greater opportunities in becoming a leader in his community. The necessary qualities for leadership are honesty and righteousness.

A short business session followed the service.

### Agricultural Club.

Despite the fact that there was a reception in the Engineering building and a dance in the Armory, the Agricultural Club held the most successful meeting of the term Saturday evening. Mr. Babcock opened the meeting with a discussion of the most practical way of raising poultry in this locality. Mr. Michaels gave a talk on the life and work of Luther Burbank. In this talk he emphasized the point that some people can do a great deal under adverse circumstances if they only have the determination to do it. Mr. Lanxon gave a short talk on the care of live stock. Following Mr. Lanxon's talk the question was

thrown open for discussion and several members brought out different points.

After the program a business session was held at which the following officers were elected for the ensuing year:

President—Chas. Michaels.  
Vice President—J. H. Chilburg.  
Secretary—J. C. Smith.  
Treasurer—Wm. Mercer.  
Critic—Robert Magill.  
Marshal—C. C. Frost.

The annual prize essay contest to be held next month under the direction of the club is meeting with a great deal of approval by the new members and promises to be the best that has ever been held.

After adjournment several new members signed the constitution and signified their willingness to take an active part in the various club activities.

### Philo Dance.

Over eighty couples 'anti-Methodized' at the Philo hop last Saturday evening. The new Armory floor is the largest and the best in town and many of the down town young people gladly accepted invitations to attend the ball there. These added to the college crowd made this dance the most successful of the season.

The hall was decorated with stringers of the society colors, red and white, and the college green

and yellow. The encores showed how well the dancers appreciated the music of Dr. Putnam's orchestra.

### Y. W. C. A.

The Mission study class held its fortnightly meeting Wednesday evening, Jan. 22. Special topics were assigned Miss Holkesvig and Miss Hicks for the next meeting.

### Athenian Program.

The Athenian Society convened promptly at 7:30 Friday evening in order that the members might attend the basketball game.

The first number was a piano solo by Miss Agnes Peterson, which was very well received. Then followed a story by Miss Faulkner. A mixed quartette consisting of Misses Alta Yerrington and Kathryn Grest and Messrs. Carl and Earl Yerrington, rendered a selection. By the applause given it was well appreciated.

Miss Cockburn read a very vivid description of Devils Lake and the Chautauqua grounds, describing in detail the points of interest about the lake.

The other numbers were absent for various reasons, thus making the program a short one. Miss Holkesvig criticized the program after which the quartette again favored the society with a selection.

### Prof. Bolley at Washington.

Professor Bolley has prepared an address upon "Observations Regarding the Constancy of Mutants and Questions Regarding the Origin of Disease Resistance in Plants" to be delivered before the American Breeders' Association, Jan. 28th to 30th, Washington, D. C.

This Association enrolls in its membership most of the able biologists and agriculturalists in the country. There will be reports at that meeting from over forty committees upon breeding propositions. Aside from the regular reports of the committees as indicated, numerous sets of papers will be read upon definite lines of investigation regarding principles of breeding.

### Trip for Band.

The band boys are happy over an announcement recently made by Dr. Putnam to the effect that President Worst has requested that the band make a trip. Whether this will materialize or not depends upon the boys as they have they will go as soon as they are ready. Concerts will be given at Jamestown, Casselton and probably Valley City. Several new pieces, among them the celebrated overture, "Soul," by Bazzini, are being worked up for the trip.

### Pay Your Dues.

"Pay your dues or get out" is the expression of Coach Dobie to those who have lockers or are using the gym. and baths without contributing their 50 cents term dues.

This is certainly a good thing for the matter of collecting dues in the gym. has been neglected too much in the past. A few have paid up regularly while others have held back with the result that the association has been out about \$1.50 per year for each of the students who were members of the association and were using the gym.

### Busy with Reports.

The various members of the Experiment Station staff are, at present, busy in formulating their annual reports for the Experiment Station for work during the year of 1907.

### Junior-Senior-Preps.

The Junior and Senior Preps have organized a joint basketball team. They are practicing every Monday and Friday before the drill hour and on Saturdays from half past ten to twelve. They are getting into fine form and will probably be in a position to challenge other teams soon.

Whatever anyone does or says, I must be good; just as if the gold, or the emerald, or the purple were always saying this, whatever anyone does or says I must be an emerald and keep my color.

Marcus Aurelius.

### Theater Party.

Friday evening was the occasion of a very pleasant theater party at "Divoreons". It was strictly a ladies' affair, consisting of many of the dormitory girls Mrs. McVeety, Mrs. Ames, Mrs. Evans and Miss Halland. A most enjoyable time is reported.

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The Intercollegiate Debate.  
The Cyclone (circus).

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Girls' Basketball Team—1907.

## SPORTING

### Our Teams.

The past few games have given us a good chance to learn just what our basketball teams can do. They have certainly not been a disappointment to any of us, but on the other hand we are fully convinced that we will in the near future have a team much better than any of the past. The training, practice, and careful attention that the teams are being developed under, will surely bring about the results that Coach Dobie is striving to accomplish.

The Coach and the team alone cannot make the most interesting shooting. We must assist them by our presence at the games and by organized cheering at the proper time. Our basketball season is already drawing to a close as far as our home games are concerned, and it is our first duty, not only in way of entertainment, but as loyal students of the A. C., to support them by our presence and good spirits at the occasion. Our team will have a few games to play away

from home and of course we can not expect to be present at those contests, but that is no excuse for our not attending them while they are played here. If we would expect good treatment and friendliness to be shown to the team representing the A. C. while away from home it is only just that we show those teams that come here to play with us the proper respect and appreciation that is becoming on the part of college students.

### The A. C.—A. N. Game

The basketball game played at the College armory, Monday, Jan. 20th, between the A. C. boys and the men from South Dakota was perhaps the fastest game to be played in Fargo this year. The game was not played so very fast on the Aberdeen side but the great reach of their players compelled the A. C. boys to do some wonderful work in guarding. The fact that Frank Darrow was out of the game on account of a bruised knee broke up some of the team work for the A. C. Ueland was suffering from a severe headache when he entered the game. In the second half the A. C. boys over scored the Normal team by two points and no doubt would

have won the game if the play had continued a few minutes longer, for the Aberdeen team showed marked signs of fatigue, from which as they stated they did not fully recover for two days afterward.

Although beaten by only five points in forty minutes playing it was by a team that already holds the championship of the middle west. They were outclassed in height and weight as well as in experience and amount of training. Both teams were loudly cheered as the left the floor showing the hearty satisfaction of the crowd. Our team as a whole is to be highly praised for the clean and plucky game that they played against such odds as attended them in the Aberdeen game.

### Valley City vs. A. C.

Next Saturday evening, Feb. 1, the basketball teams from Valley City Normal will play the A. C. teams in the College Armory. Both boys' and girls' games are expected to be interesting and exciting from state to finish.

The Cadet Band will be there and play for half an hour before the games are called.

Valley City had a strong team last year and is reported to have

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a stronger one this year. These are the last games to be played with out-of-town teams on the local floor this winter, and every one who wishes to see good ball should be there.

### Advertised Letters.

The following is a list of the advertised letters at the Agricultural College postoffice:

John Kloety,  
Emma Aafedt,  
Ben Houghlin,  
Mae Flum,  
Clara Flum,  
R. J. Baker,  
Runhold Dittmer,  
Joseph Horvitz,  
Earnest Kitzman,  
Margaret Burns.

### Engineers' Basketball.

Enthusiasm in the athletic field is growing among the engineers. Their teams are practicing regularly during the noon hour and are developing into good form. Lloyd Worst has been elected captain and Keith McGuinn, business manager.

The Homesteaders will pay you if you get a leg broken or for twenty-one other accidents. It also pays life insurance and matures its policy.

Captain Darrow made over three-fourths of the total points made against the Aberdeen Normal team.

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DR. K. H. MALLARIAN, M. D. PHYSICIAN AND SURGEON. Phones: Office, 665L; residence 665L2. Offices over the Commercial Bank, 602 Front street.

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DR. J. W. VIDAL, M. D., PHYSICIAN and surgeon. Edwards Building, Fargo, N. D.

**DR. EDWARD E. BASYE**  
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**Albert Hallenberg, D. D. S.,** dentist. Suite 1-2-3, Morris Block. Phones, Office, 123L; residence, 123K.

DR. F. A. BRICKER, SUCCESSOR to Frenette & Bricker, dentist. Telephones, office, 152; residence, 1037. No. 10, Broadway, Fargo, N. D.

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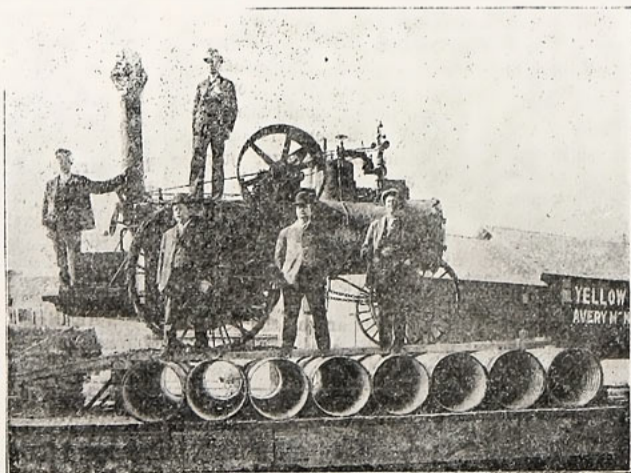
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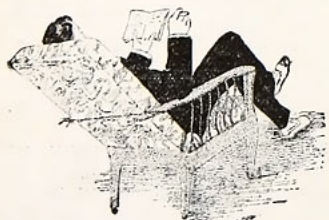
**ROWDYISM.**

During the recent basketball game in the College Armory the referee stopped the game long enough to administer a severe rebuke to several of our irresponsible "kindergartners" in the gallery who were amusing themselves by direct various remarks at the players on the floor. This is rowdyism and the official, who takes steps to put an end to it, earns the gratitude of both players and spectators.

Such remarks as "Kill 'em," "Rip 'em up," etc., may be very appropriate at a pugilistic encounter or a dog fight, but a basketball game, where the spectators are composed mostly of college students and the competing teams are girls, such remarks are distinctly out of place and cannot be too strongly condemned. This kind of thing is becoming entirely too frequent at some of our public contests and while it may seem amusing to certain people, it is regarded by the majority of the on-lookers as disgusting and ungentlemanly, to say the least.

If "rooting" and encouragement to the competing teams are required, get together and "let off" the college yells. It was for this purpose that yells were originated and while used in this connection there can be no objection to all the legitimate spirit manifested, but remarks of a personal nature or addressed to individual players are not in this class and serve only to show a lack of good breeding in their perpetrators.

Get together and raise the roof—but do it like gentlemen.



**MORRIS CHAIRS**

A chair that can be instantly adjusted to fit any member of the family ought to be popular. There is no other chair that will take the kinks out of a tired back as quickly a Morris Chair. Sit in one of these chairs and see for yourself the solid comfort. We have all grades and all prices, but each price is the lowest for the grade offered. Prices from

**\$5.00 UP**

**W. O. OLSEN**  
FURNITURE CO  
107-111 Broadway, Fargo

**Thank the Band.**

The thanks of every A. C. supporter is due to the Cadet band for the entertainment it is furnishing at the basketball games. This entertainment is purely gratuitous on the part of the band and it is highly appreciated by all who attend the games. The band adds very much to the enjoyment of college activities and should have the support of every student of the institution.

**Enthusiasm Good.**

Remark has several times been made that the college enthusiasm shown at our basketball games is good. If there is anything to encourage a team to do their utmost it is to hear the various college yells urging them to a greater effort. Distinction is to be made between building enthusiasm and rank vulgarity and all are to be congratulated who take part in the respectable "bubbling."

So far this term there have been no deaths from overstudy.

The Minerva Debating Club seems to have died a natural death. Wonder if leap year had anything to do with it?

Which would you rather be than an Alpha Mu candidate?

If the students have a circus it's no sign that the faculty will.

And now pa and ma get the standings.

The cheapest way is to buy a ticket from the first one you meet.

There seems to be a dark horse in the declamation contest.

Up at the "U" they have troubles of their own.

**Reasons for Swearing.**

The following ten reasons why every respectable thinking man should swear just as often and hard as he can, were given to the congregation of one of Chicago's leading churches:

1. Because it is such an elegant way of expressing one's thoughts.
2. Because it is such conclusive proof of taste and good breeding.
3. Because it is a sure way of making one's self agreeable to his friends.
4. Because it is positive evidence of acquaintance with God and literature.
6. Because it is just what a man's mother enjoys having her son do.
7. Because it would look so nice in print.
8. Because it is such a good way of increasing one's self-respect.
9. Because it is such a help to manhood and virtue in many ways.
10. Because it is such an infallible way of improving one's chance in the hereafter.

**500 in the Dark.**

In the midst of the excitement at the basketball game last Friday evening the lights in the Armory suddenly went on a strike, leaving the whole throng of about five hundred spectators in total darkness. Confusion reigned for a short time but as the game was an exciting one and only half over there was no attempt made to leave the building. When the lights came on after a minute of the suspense and darkness, they revealed the players each in the place where he had stopped and all sprawled out on the floor, taking advantage of the interruption to regain some of their lost breath.

**Westergaard Secretary.**

It has come to our notice that Wm. Westergaard, '04 of the A. C., has recently been elected secretary of the Commercial Club of Williston.

**The North Dakota Agricultural College**

FOR COMPLETENESS OF EQUIPMENT AND FACILITIES FOR INSTRUCTION IS UNSUR-  
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**The College Department offers five full Graduate Courses viz:**

**Pharmaceutical Chemistry,  
Mechanical Engineering,  
Civil Engineering,  
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These courses are available to those who have completed the equivalent of a good High School Training

For those who have not had such a training

**The Academic Department Offers:**

Two Year Preparatory  
Two Year Steam Engineering  
Three Year Farm Husbandry  
Two Year Domestic Science  
Two Year Pharmacy  
Three Year Teachers'

**A Complete Commercial Course**

Is offered all students and its work is so arranged that it may be carried in connection with the regular work of other courses

**THIS COLLEGE**

OFFERS to the young people of this state an education which is thoroughly in line with modern thought and demands. It spends no time on the dead languages or such subjects as are of little practical value. It aims to fit young men and young women for responsible positions in life. The demand of the present is for men and women who can think and investigate for themselves: who can deal with the social, agricultural and industrial problems of the day.

OFFERS five courses of study covering four years each, besides a short course of two years in common school branches. Military discipline throughout the courses.

**THE LABORATORIES**

ARE THOROUGHLY EQUIPPED, and the instructors are specialists in their respective lines. Exceptional advantages are offered in chemistry, physics, botany, zoology, literature, mathematics, and mechanical subjects.

Graduates from approved High Schools are admitted to Freshman Class. Tuition free. Board and Room \$3.75 to \$4.50 per week.

WRITE TO THE PRESIDENT FOR CIRCULARS AND CATALOGUE  
WINTER SHORT COURSES BEGIN JANUARY 2.

**Declamation Contest.**

The annual declamation contest will be held Feb. 7th, at eight o'clock, when the members of the Philomathian and Athenian Societies will compete for honors in the "Art of expression", and for the gold and silver medals offered to the winners by Pres. Worst. The contest this year promises to be of exceedingly high order as great interest is shown by those who have designated their intention of entering. All of the readings that have been selected are up to date and appropriate. Among them are "The Second Trial", "A Lie", "Pledge With Wine", "Happiness and Liberty", "Soul of a Violin" and "Mrs. Wiggs of the Cabbage Patch".

Mr. P. J. Olson, winner of the first place last year and present holder of the gold medal, will try to gain permanent possession of it by winning it the second time. Miss Agnes Halland who won the

silver medal last year will also compete again. Altogether the contest promises to be very interesting, but it would seem that with the inducements offered there should be a larger number of entries.

Musical numbers have been arranged for to add variety to the program and the contest promises not to fall in any way below those of former years. The judges will be chosen from among the prominent men of the city.

**Williston Station.**

Mr. Edgar Disne, editor of the Williston Herald, together with Mr. Boyd, called on President Worst and Prof. Sheppard the 20th, to talk over matters concerning the Williston Experiment Station, which is to be started this coming spring. They report the irrigation project located at Williston to be in good condition and ready for use in the spring.

**Day of Prayer.**

The Day of Prayer for Colleges, Thursday, Jan. 30, will be observed by special services in the College Chapel at eleven o'clock. Rev. Mr. Beard of the First Congregational church will address students. Those classes that are regularly excused for Chapel will be excused at this time.

**THE BEST EVIDENCE.**

When the leading banks of the state employ its trained bookkeepers and the highest courts employ its stenographers, it is pretty clear evidence that that school it doing first class work. The Dakota Business College offers prospective pupils this evidence of superior training.

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Ella Hydner	President
Agnes Halland	Secretary

**FLAX AND OIL.**

601 Canal Road. N. W. Cleveland, 11/30/07.—Experimental Station, N. Dak. Agricultural College, Fargo, N. Dak. Gentlemen: We are in receipt of 3 copies of Bulletin No. 55, "Flax and Flax Seed Selections," by Mr. H. L. Bolley, sent in response to our request of some days since, and we thank you very much for forwarding these to us. We have read this little pamphlet over and find it very interesting indeed and if you have any further data pertaining to the growing of flax which you can consistently forward to us, we can assure you we will appreciate very much receiving it.

In noting the causes of wilt and the likelihood of its dissemination we observe that damp flax is more apt to increase the growth of this fungus than that which is perfectly dry. From the best information which we have been able to obtain we understand that this year's crop was gathered and threshed under somewhat unfavorable conditions due to the very wet weather which prevailed in the flax section during this particular season, and if this were the case there was no doubt a great deal of the flax shipped out which was not as dry as it should be. This raises the query in our minds whether the risk of loss by wilt next year is not greatly increased thereby and whether or not the farmers should not be impressed with the importance of treating their seed with the formaldehyde solution which you recommend.

We so far have only received a small quantity of this year's crop, but find the seed to be of a somewhat inferior quality compared with former years and not nearly so rich in oil and after reading your description of infected seed we are lead to believe that the greater portion of what we have received carries these wilt germs. The seed is smaller than in former years, much of it is dark in appearance and more or less of it is of a bleached nature.

We are very much interested in securing the very best quality of seed obtainable and the efforts of your department in increasing the quality and yield and eliminating this disease are very commendable.

Yours very truly,  
 The Sherwin-Williams Co.,  
 C. M. Durbin,  
 Linseed Oil Department.

We quote this letter by Mr. Durbin as indicating the interest which commercial men, especially the paint companies and expressers of oil have in the well being of the flax crop. The question which the correspondent raises regarding whether flax seed which has been allowed to get damp during the harvesting process, is liable to produce a greater amount of wilt when used the following season, is one of direct importance to all persons concerned in the flax crop.

The question may be directly answered in the affirmative. Any flax which has been allowed to lie on the ground in bundles after harvest or which because of excessively damp weather, has been allowed to become moldy is found, upon examination, to be much more thoroughly infected by spores or wilt fungus than seed which is harvested and saved dry. This is explained by the fact that wilt fungus develops rapidly upon the dead and damp straw, spreading over the straw of a few sick plants to the entire bundle, producing countless numbers of spores which, when threshing takes place, becomes mixed with the seed and if the seed is damp they stick to it and often grow into the inside of the seed coats. This makes it doubly important that farmers who know that they have flax seed which was more or less damp at harvesting and threshing time should use the formaldehyde method of treating the grain before using it for seed.

**"Mus" Initiate.**

John White and Leslie Wheeler are the latest victims of the Alpha Mu fraternity. Last Tuesday they were industriously selling Spectrums on Flynn's corner and business was evidently good for White sold three and Wheeler sold two. After demonstrating their business ability in this striking manner the victims were allowed to rest till last Friday when they were billed to appear at a local vaudeville theatre. The price of eggs rose four points and the grocers said that the cabbage market had not been so active for some time. Wheeler and White are still alive and the rest of the bunch report a good time.

All this, it appears, is merely preparatory to the advanced stages of the order and it will be fully a month yet until the victims are considered properly seasoned, and fully eligible, to ride the fraternal goat. The goat has been fed on nothing but carpet tacks and sulphur for the past few weeks and is expected to be in fine shape to carry all the honors (?) soon to be thrust upon him.

**Dairy Show at Bismarck.**

The farmers' institute and meeting of the State Dairymen's Association at Bismarck Jan. 21-23, were next in importance to the Tri-State Grain Growers' Convention held in this city. A dairy show was held in connection in which were exhibited products from every creamery in the state and also from several of the leading dairies.

Some prominent speakers were present, O. C. Gregg, formerly superintendent of farmers' institutes in Minnesota, discussed "The Breeding of Dairy Cattle." President Worst spoke on "The Conservation of Soil Fertility." Prof. Richards spoke on "Feeding the Dairy Cow." Prof. Thos. Shaw, of the institute foree and Mr. O. O. Churchill also took a prominent part. The success of the meeting is largely due to the efforts of Dairy Commissioner R. F. Flint.

Misses Mary Dolve, Phoebe Rose, Hazel Funderhide and Halland, who accompanied the Mayville basketball team, were among the visitors at the college last Saturday.

Deputy Bank Examiner Peyton checked up Secretary Nugent's accounts last Friday and Saturday.

**Ladd to the Hardwaremen.**

Professor Ladd will address the North Dakota Hardware Association on Jan. 29, in Fargo. He will discuss the paint tests at the A. C. and he will show conclusions that can be drawn from them.

Will some one kindly explain the significance of that new light in front of the dormitory.

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**EVERYTHING IN SHEET METAL**

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 Life, Accident, Health, Fire and Hail  
**INSURANCE**  
 Representing  
 Mutual Life Insurance Co. of New York. Hatcher Bros. Corporation.  
 Telephone 731L. Fargo, N. D.

Prof. Keene recently informed his junior physics class that mineral wool was not sheared off of hydraulic rams.

**Palace Clothing House**  
**FARGO, N. D.**  
**15 per cent to A. C. Students**

# A. C. STUDENTS!

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have secured Manager Heath as agent for this policy and other lines of

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It's something we like to show you and talk about. Ask the faculty. They've got 'em, too.

Office Hours—3 to 9 and 11 to 12 a. m.; 1:30 to 2:30 and 3:30 to 5:30 p. m.

#### Convention in the Forks.

The date of the State Y. M. C. A. convention has been set for the 6, 7, and 8 of March, at Grand Forks. Mr. Leavitt, state secretary, has arranged the strongest program ever presented at a meeting of this kind in North Dakota. A large attendance is expected. The city association will join with the colleges at this time and consequently bigger plans are being arranged. Delegates are expected from all over the state. The railroads have agreed to give a two-cent rate to all delegates who will attend and royal entertainment is promised.

The program opens on the evening of the 6th, with an address of welcome by the mayor of Grand Forks. The response will be given by Pres. Worst. Governor Burke will also address the meeting on this evening on the subject "Force that Counts in the Making of a great Commonwealth." Leading Y. M. C. A. workers who will speak on the next two days are A. J. Elliot, known as "Dad" Elliot of Geneva fame, W. W. Parsons, traveling secretary of the northwest, and I. E. Brown of Illinois.

The second day, Saturday, will be spent in transacting business of the convention which will be followed by a banquet in the evening. The Sunday sessions are to be devotional and special services are to be held in union with the churches.

#### No Lemon.

From the Rural New Yorker, of Dec. 7th, 1907, we clipped the following highly commendatory reference to the work of Prof. Bolley, of this Experiment Station:

"Among the men who deserve well of farmers everywhere is Prof. Henry L. Bolley, of North Dakota. Prof. Bolley originated the method of killing smut on seed grain by using formaldehyde, and treating seed potatoes to prevent scab. Let any farmer think what it would mean to him if he had no way of destroying those disease germs, and he will realize what he owes to Prof. Bolley. In these days, when the soldier, the 'captain of industry' and the so-called statesman occupy the front of the stage, it rejoices us to re-

fer to the men who, in quiet lines serve their country — often without recognition."

#### Stations to Cooperate.

The Chief of the Bureau of Plant Industry of the Department of Agriculture has called a meeting of the representatives of the northwestern experiment stations, including those of Iowa, Minnesota and the Dakotas for the purpose of discussing the best means of carrying on co-operative experiments between the Department of agriculture and the Experiment Stations, looking toward a careful testing of hardy plants in these states. The Department of Agriculture is continually collecting specimens of hardy fruits and other useful plants from foreign regions. It will be of especial importance to the state if a definite portion of this co-operative testing can be done here at the North Dakota Experiment Stations. Professor Bolley will be the North Dakota representative at this meeting and will make an effort to have a proper portion of the work assigned to the North Dakota Station.

#### New Gas Engine.

A new four-horse power, I. II. gasoline engine has been added to the equipment of the steam and gasoline engine laboratory. It is of the portable type with the trucks removed. This leaves the whole machine in shape to be moved about without the necessity of disconnecting batteries and water supply. The new cooling device attached is a very successful one giving a large surface for radiation and in this way materially lessening the amount of water necessary to cool the cylinder.

Hatcher Bros. sell Insurance.

#### Jump Spark Demonstrator

Prof. P. S. Rose has devised a very ingenious arrangement for the illustration of the jump spark system of ignition such as is used on automobiles and all other types of high speed engines. This is used for demonstration purposes in the gas engine courses. It consists of an ordinary automobile, spark plug in connection with a Splitdorf coil and a battery of dry cells.

#### WILL TAKE HIS PORTRAIT.

The North Dakota Live Stock Association took steps at its annual meeting held in Fargo during the Grain Growers' Convention to secure an enlarged photo of the Shorthorn bull, Nonpareil Star, bred by S. Fletcher, and present it to the division of animal husbandry of the College. The animal was successful in the show ring, both in this state and at the International at Chicago. He was the first animal from this state to win first at the International except the Colgate stock. This is the reason for giving this animal's picture a prominent place at the A. C.

Mr. H. L. Storgaard, live stock editor of The Dakota Farmer, relieved the association of the expense, and stated that his paper would furnish the picture.

Student to Prof.—Can't you tell me something to put in The Spectrum?

Prof.—If you put my name in The Spectrum again I will fix you.

Second Student—They may as well put in the good names as any.

The Prof. quietly handed the student a penny and walked away.

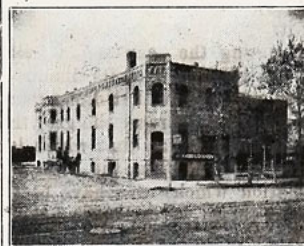
#### At the Grand.

The bill at the Grand will start out the week of Jan. 27th with Maud Sutton & Co. as the headliner. Maud Sutton is not a stranger among the theater goers as she has played the larger circuits in a one night stand as the leading lady for the last five years and now starts out on the vaudeville stage in an up-to-date playette called the "Cinderel." Connors and Albert have a reputation in singing, dancing and talking, that will amuse and drive dull care away along with Major O. Laughlin, the man that handles the gun. Musical Lowe will not overlook to entertain all lovers of music as he has been the leading man with Sousa for the last six or seven years, and Prof. Rudd promises not to be overdone in music, as he has something new to offer for the week along with the new pictures and Elbie Hanse in a new song that is sure to please.

#### Change in D. S. Course.

The Domestic Science course is being revised for the purpose of cutting out some things that are not practical and adding others that will really be of benefit to the girls. Laundrying is to be substituted for dairying and more chemistry will be required. The instructors are hoping to get in some art work in sewing and in house decoration.

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Great—because of its ability to buy at less prices and sell at a closer margin than anyone else.

Pickard's & Bowers' Finest Hand Painted China, Kodaks and Supplies

For the three fast games that have been played here, Nemzek has been seen filling the responsible position of umpire and referee. His services in this position have been in great demand ever since he showed his superior skill at the A. C. Crescent game last year.

John Pease has the record limit as a ticket seller. If you are not sure whether you want to go to a game or not, first ask Pease about it, and he will not only sell you a ticket or two but will convince you that you cannot afford to miss a thing of that nature for several reasons.

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CENTRAL HEATING PLANT AT THE N. D. A. C.  
Terms and Estimates Furnished for Heating and Plumbing  
112 Broadway, FARGO, N. D.

**PERSONAL**

Miss Isfelt was ill for several days last week.

Miss Fern Dynes spent Sunday at her home near Gardner.

Miss Viola Hicks and Miss Jorgensen of Moorhead Normal were at the game Friday evening.

Malvin Baernstein has been out of school for some days on account of a severe attack of "grippe."

Tom Lough is having a strenuous combat with the "grippe".

Dr. Bell is identifying the plants collected during the past summer on the survey in Morton and Hettinger Counties.

Mrs. Bell has been ill for some time but is reported to be improving.

Messrs. Melvin Vignes and Carl Tverberg, former students, were visitors in Fargo last week.

Mr. McGuinn recently underwent an operation on his ear. This seems to be quite the fashion.

Prof. Willard suffered an attack of "grippe" last week and was unable to meet his classes.

Mr. Leavitt returned from Grand Forks Tuesday. He left for Valley City Friday.

Pres. Burch of the State Science School was a visitor at the College last week.

Ueland has recovered from his attack of lagrippe that caused him such annoyance during the last game.

Frank Darrow is again able to shoot baskets. He was laid up for some time on account of a muscle bruise.

Have you a Hatcher Bros. policy?

**Murphy Wins.**

Our genial sporting editor has demonstrated his ability by carrying off first honors and winning the \$135 manure spreader in the Farm Mechanics Essay contest. The prize was offered by the Smith Manufacturing Company, of Chicago, for the best three thousand word essay on "The Fertility of the Soil and The Value of the Manure Spreader in the Application of Barnyard Manures". There was some delay in getting reports from one of the judges and the final returns were but lately received. Mr. Murphy is justly proud of his prize and has shipped it to his father's farm.

There were thirteen entries in this contest and Mr. Robert Sampson of the farm husbandry class was the second best man. The judges were W. R. Porter, '06, of Winnipeg, Can., H. M. Bainer, of Ft. Collins, Col., and J. A. Jefferey of the M. A. C.

**Attorney Richardson.**

States Attorney Richardson of Fargo will deliver the address at the regular convocation exercises, Monday Feb. 3, 1908.

VISIT THE

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Mattie Jones,  
Glyndon, Minn.  
Students don't seem to have the same opinion of some schools as the proprietors do themselves.  
Look within. Within is the fountain of good, and it will ever bubble up if thou wilt ever dig.  
Marcus Aurelius.

**Analyzing Paints.**

Professor Wood, who is now fairly initiated into his work at the A. C., has begun the analysis of the official paints used in the paint tests last summer. These analyses will be published in bulletin form and together with the results of the practical tests, will be exceedingly interesting and valuable.

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### Horticulture Class.

The class in horticulture made a trip recently to Mr. Heath's greenhouse for the purpose of getting an idea of greenhouse construction and methods of heating. Several more trips will probably be made during the season.

Advantage was taken of the recent warm spell for the purpose of planting some apple seed. Since banana belt conditions have existed this season, planting has been done every month since October.

### New Greenhouses.

Plans are being drawn for three greenhouses which will be built during the coming summer. The structures will be each 60 by 20 feet. One will be used for laboratory purposes and as a propagating house, which will add greatly to the facilities of the department. It will make it possible to carry over certain plants which cannot be propagated here except by grafting and it will also allow more work to be done in crossing. The third greenhouse will be used for experimental purposes.

### School of Pharmacy.

The special class in Pharmacy now numbers 39 which is the largest ever enrolled here. These men are working hard as they are preparing for the state examinations to be held at the college, Feb. 12.

### Got to be Good.

Some of the members of the University faculty accidentally attended the theatre one evening and found that some of the co-eds who were supposed to be at the Law School dance were also "among those present". As a result of this awful discovery an edict has gone forth in U. N. D. that all co-eds who want to go down town after six o'clock P. M. must write home to get permission from Papa and Mama, and a chaperone will be provided if they wish to go to church.

U. N. D. has the heartfelt sympathy of the A. C. students.

### Found!

A fountain pen, near sidewalk, between Main and Chemical buildings. Owner can have same by calling at Spectrum office.

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### Offices Furnished.

The new offices of Dean Keene and Professors Rose and Slocum were last week tastefully furnished with oaken desks and chairs. The furniture matches the interior finishing of the offices which are all very pleasant and well lighted rooms.

### Cutting Ice.

Advantage was taken of the fine weather last week to put up the college ice. Notwithstanding the mild weather of the season the ice is of a good quality and from eighteen inches to two feet thick.

### Prof. Weeks Speaks.

Next Sunday evening Prof. Weeks will speak at the Grand on the subject "Education of Today." This is a live question and every student should make an effort to be there.

### Greek Drama.

On Sunday evening, Jan. 26, Dr. Hult gave the second of his series of lectures on the Greek drama. The audiences are small, on account of the cold weather, but every one appreciated the address.

The speaker dwelt at length on the dramatist, Aeschylus, and particularly on his drama "Prometheus Bound." He read much of the drama and gave excellent interpretations of thought and imagination from the play.

Dr. Hult pointed out the prophecy in the play, pointing toward Christianity. Prometheus represented "human nature, sheekled on earth," and Zeus, his opponent, may be considered as God. That "the things that must be so are strangely great" was clearly brought out.

Those who heard the address could not fail to appreciate it though few have the vivid imagination of the speaker.

### Engineers Take Notice.

For the present all engineers who are practicing basket ball should try to be out promptly at 12 m. The practice will last about forty-five minutes.

K. H. McGUINN, Mgr.

### Pharmacy Club.

The Pharmacy Club had as their guests at a special meeting held last Friday evening in Francis Hall, Prof. Ladd, Dr. and Mrs. Brown, and the short course students in pharmacy.

During the evening Prof. Ladd

spoke on "The State and National Pure Food and Drug Laws," wherein they are alike and unlike, and touched on those points which are of especial interest to the pharmacist in this state.

Dr. Brown brought out some very interesting as well as instructive points in his address on "Advertising."

Several musical numbers were also enjoyed after which a lunch was served.

Miss Kane, Secretary Nugent's private stenographer, made a short trip to Jamestown Sunday.

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A scene from the Great College Play, "Strongheart," with Ralph Stuart in the title role. Fargo Opera House Saturday evening.