

THE WEEKLY SPECTRUM

The Official Publication of the Students Council.

VOL. XIX. NO. 29.

NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY, APRIL, 23 1912

5 Cents a Copy.

Eighteenth Annual Commencement

NORTH DAKOTA AGRICULTURAL COLLEGE
May Thirty-first—June Fourth—Nineteen Hundred Twelve.

PROGRAM

Friday, May Thirty-First.

3:15 P. M.—College Armory—Commencement Concert by the Department of Music.

Saturday, June First.

3:00 P. M.—College Armory—A. and M. T. High School Commencement.

Sunday, June Second.

3:00 P. M.—College Armory—Baccalaureate Address, Bishop Robert McIntyre of St. Paul, Minn.

Monday, June Third.

3:00 P. M.—College Campus—Senior Class Program.

3:00 P. M.—College Armory—Senior Class Play.

10:00 P. M.—Senior Swing out.

Tuesday, June Fourth.

10:00 A. M.—Commencement Procession.

10:30 A. M.—College Armory—Commencement Exercises—Address—State Senator Wesley C. McDowell of Marion, N. D.

1:00 P. M.—Ceres Hall—Commencement Dinner.

3:00 P. M.—Ceres Hall Parlors—President's Reception.

6:00 P. M.—Alumni Ball and Banquet.

Baccalaureate Service

Sunday, June Second, Nineteen Twelve, 3:00 P. M.
COLLEGE ARMORY.

ORDER OF EXERCISES: Prelude; Doxology; Invocation.

Music Selected
Scripture Reading Matthew xx, 1-16
Prayer Rev. C. F. Sewrey
Hymn "The Spacious Firmament On High"
Responsive Service Psalm lxxxiv, 1-4, 7-12
Gloria Patri;—Announcements.
Music Selected
Address—"The Battle of Life"—Bishop Robert McIntyre of St. Paul, Minnesota.
Hymn—"God Eternal, Lord of All". — Benediction.

Class Day Exercises

Monday, June Third, Nineteen Hundred Twelve.
College Campus, 3:00 P. M.

Selection—"Little Boy Blue".....Bereny
College Orchestra
President's Address.....Ben Barrett
Class History.....Ephraim Westlund
Presentation of the Hatchet.....Clarence Waldron
Acceptance by the Junior Class
Idylle—LaFontaineLysberg op 31
College Orchestra
Class Poem.....Ellen Syse
Class Prophecy.....Lucy Cockburn
Class Song.....Grace Briscoe
March—"The Amazon".....Zamecnik
College Orchestra

Class Officers

President Ben Barrett
Vice President.....Clarence Waldron
Secretary Helen Hoover
Treasurer Ella Heidner

Class Roster

Anderson, Alfred..... Fargo, N. D.
Barret, Ben..... Fargo, N. D.
Beard, Ralph..... Fargo, N. D.
Briscoe, Grace..... Fargo, N. D.
Cockburn, Lucy..... Webster, N. D.
Darrow, Frank..... Fargo, N. D.
Dynes, Fern..... Fargo, N. D.
Evington, Edwid Kindred, N. D.
Ewen, Amos Mayville, N. D.
Halland, John G..... Fargo, N. D.
Haskins, A. Bert..... Fargo, N. D.
Heidner, Ella..... Fargo, N. D.
Heller, Mark..... Fargo, N. D.
Hoover, Helen..... Fargo, N. D.
Leeby, Alma..... Fargo, N. D.
Martinson, Eric..... Moorhead, Minn.
Merritt, Lillian..... Moorhead, Minn.
Moyer, Blanche..... Moore, Mont.
Stafford, Addle..... Fargo, N. D.
Syse, Ellen..... Willmar, N. D.
Waldron, Clarence..... Fargo, N. D.
Westlund, Ephraim..... Horace, N. D.
Wheeler, C. Leslie..... Fargo, N. D.

Class Yell

Chicka—da—ick
Ga—wa—ga—wor
N. D. A. C.
Three Times Four

Class Colors

Purple and Gold

Senior Class Play

College Armory, 8:00 P. M.

A BACHELOR'S ROMANCE,

A Comedy Drama in Four Acts By Martha Morton.

CAST OF CHARACTERS:

David Holmes Ben Barrett
Gerald Holmes Bert Haskins
Martin Beggs Edwin Evington

(Continued on Page 3)



FIFTH ANNUAL Inter-High School Field Day and Declamation Contest

Fargo, N. D., Saturday, May 11, 1912.

TRACK AND FIELD EVENTS— DAKOTAH FIELD, 2:00 P. M.

- | | |
|----------------------------|---|
| (1) 100 yard dash. | (9) Running broad jump. |
| (2) 220 yard dash. | (10) Pole vault. |
| (3) 440 yard run. | (11) Pole vault. |
| (4) Half mile run. | (11) Putting 12 pound shot. |
| (5) 120 yard high hurdles. | (12) Throwing 12 pound hammer. |
| (6) 120 yard high hurdles. | (13) Throwing discus. |
| (7) 220 yard low hurdles. | (14) Half mile relay race. Four men to run each 1/4 mile. |
| (8) Running high jump. | |

Prizes. Gold, silver and bronze medals will be awarded to the winners of first, second and third places, respectively. The school winning the relay race will be given a silk banner. The school winning the greatest number of points will be given a silk pennant.

DECLAMATION CONTEST—COLLEGE ARMORY, 8:00 P. M.

Prizes. Gold, silver and bronze medals will be awarded to the winners of first, second and third places, respectively. The school winning first place two years in succession will be awarded a silk banner.

Wide interest in the High School Athletic and Declamatory Contest is being manifested among the eligible institutions. The nineteen schools which were represented last year are expected to be on hand with a strong delegation. They will meet many new rivals, eager to contest every point.

The new triangler track is being rapidly put into shape and the new bleachers will be ready to accommodate the crowds who are coming to regard the inter-high school met as one of Fargo's most enjoyable athletic demonstrations. With the crowd on the bleachers and the side lines, with the tents of the different schools ranged along the track, with scores of athletes under the guidance of numerous officials fighting every moment for victory in some of the fourteen contests, the day is a spectacular one not easily forgotten. Careful planning is necessary to make the contest move off rapidly and smoothly and the details are receiving careful consideration.

The declamatory contest at the big college armory in the evening has always been very popular. A preliminary contest will undoubtedly be necessary this year in order to keep the program within reasonable length. The field and track contestants of the afternoon are on hand now as spectators to enjoy the eucationary struggle and to applaud the winners of both contests who now receive the gold, silver, and bronze medals and the silk banners provided for the successful individuals and schools.

A pleasant feature of the day for the contestants and their escorts is the opportunity to take their meals together in the splendid College dining room in Ceres Hall. The Hall is located on the College grounds close to the Athletic field and Armory. These whom the train service compels to stay over night in Fargo are accommodated with sleeping quarters. Mr. Randlett will be chairman again this year of the committee on reception and entertainment and gives ample assurance that nothing that he can do will be omitted that can make the day a success.

LAST YEAR'S RECORDS

The records made by the winners last year will be a matter of interest both for contestants and spectators.

(Continued on Page 4)

Concordia Defeated In First Game Of Season

GAME WAS SLOW AND FULL OF ERRORS, BUT MEN ARE ROUNDING INTO SHAPE RAPIDLY

The A. C. defeated Concordia Monday afternoon in the first game of the season by a score of 7 to 5. The game was slow and full of errors on the part of both teams, the players being handicapped in having to face both the sun and a heavy storm of dust. Hackett pitched the first six innings for the A. C. and was followed to Bentley who struck out nine men in the remaining three innings.

The close of the fourth inning found Concordia in the lead by one score and this lead was maintained until the seventh when three A. C. men crossed the plate and obtained the lead by two points. Concordia scored in the eighth and the A. C. again in the ninth.

The score:

A. C.	R.	H.	S.O.
Breyer, l. f.	3	4	.....
Wurtenberger, ss.	1	2	.....
Pariezik, 3d b.	1	2	.....
Foss, c.	0	3	.....
Grant, 2d b.	0	3	.....
Lawson, c. f.	0	1	.....
Hanson, -st b.	0	1	.....
Wilson, r. f.	0	0	.....
Hackett, p., r. f.	1	2	1
Bentley, p.	1	1	.....

Total	R.	H.	S.O.
Concordia	7	17	10
Vennes, p.	0	0	9
Thomases, c.	1	1	.....
F. Johnson, 1st b.	1	1	.....
Sattre, 2db.	1	2	.....
Frank Johnson, 3d b.	1	1	.....
M. Johnson, ss.	0	1	.....
Muus, l. f.	1	1	.....
Olson, c. f.	0	3	.....
Ness, r. f.	0	1	.....

Total 5 12 9
Umpire, Jewell.

Two games will be played before the next issue of the Spectrum. We play the Science School at Wahpeton next Saturday and Concordia College at home on Monday.

MEMBERS OF THE FACULTY AND EXPERIMENTAL STATION STAFF ! !

The 1913 Agassiz Board desires that all photos of individuals now members of the faculty or experimental station staff, be left at the Post Office or Student Sook Store this week. These will be grouped by departments and it is important that all departments be represented by their full quota.

Student Judging Contest At State Fair This Year

Open to A. C. Students and Other Young Men of the State. Valuable Prizes to be Offered.

Due to the efforts of Prof. Richards, the State Fair Association has been induced to give a judging contest for students at the State Fair to be held in Fargo next summer. The biggest prize will be given to the student having the highest average in all classes of live stock and a number of prizes will be given to the persons showing the greatest efficiency in judging different classes of live stock.

This contest is open to all undergraduate students at the Agricultural College and to any farmer's son in the state who is less than twenty-five years of age. The object of the contest is to interest young men in better classes of live stock, to form an incentive to attend the State Fair where there are excellent facilities for studying the best animals in the state. With such a large number of high class animals to judge, this contest will afford excellent practice for all students who are desirous of becoming expert judges and hope to win laurels in the fat stock shows in the East in the fall.

State Oratorical To Be Held Tonight

WILL BE HELD UNDER AUSPICES OF WAHPETON SCIENCE SCHOOL. ARTHUR OGAARD IS OUR REPRESENTATIVE

On Wednesday evening of this week the representatives of the different colleges in this state will compete for oratorical honors at the state contest which is held under the auspices of the State Science School at Wahpeton in the local opera house. Our representative will be Arthur Ogaard who won first place in the local contest. The title of his oration is "A Real Peril." It is a splendid oration on the trend of lawlessness and crime and its dangers in this nation. Mr. Ogaard is thoroly at home on the platform and has a pleasing delivery and A. C. students feel confident that he will win a place in the state contest. Mr. Shafer will represent the University. His oration is on "World Citizenship." Wahpeton's representative is Mr. Reeder. James Sharp of Fargo College will speak on the "Life of Livingston." Mr. Ogaard left this morning for Wahpeton. He was accompanied by Edgar Olson, the president of the board of public speaking control.

First Game In Inter-Class Base Ball Series, Friday

A representative from each of the four College Classes and one from the Senior Preparatory class met yesterday noon to decide on the number of base ball games to be played, the time they are to be played and on other arrangements. The reason that these games have been arranged is to stir up class spirit and to decide class supremacy in the above mentioned classes.

This is a new departure here and it promises to liven things up as so many students will have to enter the games. At other institutions, these contests are carried on in other games besides base ball and the contests have always brought forth a lot of enthusiasm. Now, if every member of these classes would clip out the schedule which we print below and then attend every game in which his or her class is interested, we would then have accomplished the purpose for which these contests were arranged. Come now, pull together and lets have a little class rivalry. Competition is the life of an institution.

The Schedule.
April 26, Freshman vs. Senior Preps.
April 30, Sophomores vs. Seniors.
May 3, Juniors vs. Senior Preps.
May 7, Freshman vs. Seniors.
May 10, Sophomores vs. Juniors.
May 14, Freshman vs. Juniors.
May 17, Senior Preps vs. Sophomores
May 21, Seniors vs. Senior Preps.
May 24, Seniors vs. Juniors.
May 28, Sophomores vs. Freshman.
Umpires, Chester Holkesvig and Dr. Schalk.

Tuesday dates are interchangeable with Monday.
Games will be played at 6:45 P.M.
First game, next Friday.

The contract for printing the Agassiz has been let to the Lokensgard-Quambeck Co. of Fargo. This is the printing shop that prints the Fram. They have the best press in Fargo for doing fine work and have secured an expert to take charge of the printing of the annual and will be able to do high class work on the book. The copy for the first part of the annual was sent in this week and the rest of the material will be sent to the printers as fast as it can be set up. The members of the staff have now almost completed their writups and they are now in the hands of the Editor-in-Chief, Hammond. All persons who have not yet subscribed for an Agassiz should send \$2.00 to Edgar Olsen, the business manager if they wish the book mailed or \$1.75 if it is to be delivered at the A. C.

POLYTECHNIC SOCIETY

Prof. Doneghue will speak at the Polytechnic Society next Wednesday on "The Present Status of Soil-Fertility Investigations."

THE WEEKLY SPECTRUM

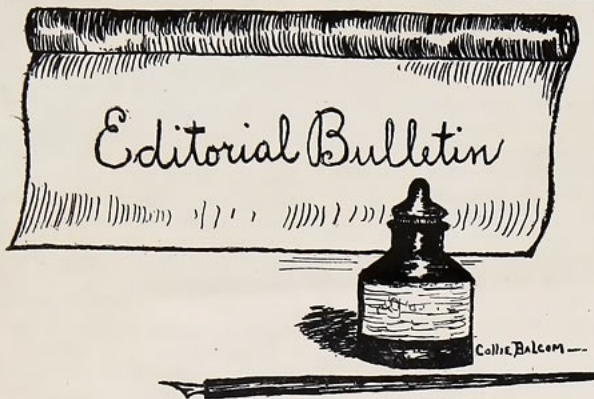
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PUBLISHED BY THE STUDENTS OF THE N. D. A. C.

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THE MISSION OF THE AGRICULTURAL COLLEGE

(By J. H. WORST, LL. D.)

The purpose for which the Agricultural College was established is clearly set forth in the Morrill Act of 1862 and Acts supplementary thereto, and in Section 1106 of the Political Code of North Dakota. No unbiased person need mistake the scope of educational work contemplated by these Acts nor the support that should be given by the state for this type of education. As agriculture and the mechanic arts embrace quite completely the productive interests of the state, logically the scope of educational work contemplated for the Agricultural College is co-extensive with these productive interests. Inasmuch as all professions and vocations depend almost exclusively upon agriculture, the mission of the Agricultural College can scarcely be over estimated.

There are those who, taking advantage of the name "agricultural college," would limit its mission to teaching subjects relating exclusively to technical activities on the farm. This name, although appropriate, was but the fancy of an index clerk of the United States Senate and has no legal standing. "Land Grant College" is the legal name.

These institutions, for the establishment and partial support of which public land grants were made (hence their name) are clothed with all the attributes of colleges in general. Their purpose is to afford a "liberal and practical education for the industrial classes in the several pursuits and professions of life." In conformity with law and the general welfare, the curricula of these colleges emphasize such sciences and culture subjects as seem necessary to place the productive man, be he farmer or engineer, on the same intellectual plane as the business or professional man.

The Agricultural College offers such training to students as will enable them to teach or practice what they learn at school. The scope of educational training is as broad as the arts and their related sciences that have a bearing upon agriculture and the mechanics arts, together with the supplementary subjects that naturally associate themselves with a college education. It could not be less in law or reason. Moreover, the work and influence of the college belongs as much to the industrialists of the state as to their children on the campus. College extension, therefore, should be promoted earnestly and systematically.

The families comprising the industrial class, bearing as they do the burden of the state, are entitled to the best information that science affords, to guide them in their labors. As it is impossible for them to get instruction at this seat of learning, it should be taken to them by means of bulletins, lectures, demonstrations, institutes, etc.

Agriculture being the dominant industry of the state, the mission of the Agricultural College is no larger than this industry, together with the mechanic arts or engineering problems that naturally correlate with it. Neither is its mission any less. This embraces the soil and whatever grows from the soil, together with the transmutations that occur from vegetable growth to animal life and products, and their ultimate conversion into forms of wealth. It also embraces a knowledge of the parasites, fungi, and other diseases that afflict farm crops, as well as diseases of domestic animals and the remedies necessary to successfully combat them; the fertility of the soil and how to conserve it; improvement of plants and animals by scientific selection or breeding; the care and use of labor saving machinery; road making, irrigation, drainage, etc., and a thorough working knowledge of the sciences that explain the phenomena of life and growth; familiarity with certain laws of nature and how to direct them.

The home also is given intelligent consideration. The girls, the future homemakers, are educated with special reference to the duties and responsibilities of the wife and mother. To make domestic life pleasant and desirable by eliminating many of its drudgeries and substituting modern improvements instead, has passed the experimental stage. Domestic Science has even a larger place in education than many popular courses of study that relate almost exclusively to personal improvement. The home being the "heart of the Nation" should not be excluded from the curricula of higher institutions of learning. Here it is given actual emphasis.

The great interest that attaches to the work of the Agricultural College results from the fact that the educational material employed is, quite largely, inherent in the vocations it seeks to improve. But a limited number of foreign or abstruse subjects need be pursued in order to secure a "liberal and practical education. An understanding of the chemical and biological laws that govern the growth of plants and animals is in itself a liberal education.

To develop the state's latent resources requires a knowledge of those natural laws which govern plant and animal life, and the ability to direct them for the attainment of desired ends. In such education, the sciences must, of course, occupy a place of pre-eminence. The study of Nature's laws and forces not only enables men more easily and bountifully to provide for themselves the necessities of life, but it also develops and broadens the mind and is as truly cultural as a study of the classics. Indeed, the trend of modern education is toward the practical and concrete instead of toward the theoretical and abstract.

The field of scientific inquiry is not a narrow one, nor need the work in that field be narrowing in any way. The study of the laws of God, as manifested in Nature, trains the reason, encourages the habit of

THAT CHARGE OF ILLEGAL VOTING

Mr. Jordan ran for Mayor of Fargo. He apparently did not receive as many votes as he and his friends thought he ought to have received. He seems to have felt grieved.

There has been a large amount of public talk and especially assertions in the Fargo newspapers which might lead the people of the state to believe that a large number of persons at the Agricultural College, especially students, myself and other professors, had done a lot of illegal voting and committed other reprehensible election irregularities. Now that Mr. Jordan and his friends have made this use of the daily papers to bring such accusations and have made a full use of Mr. Jordan's right as a citizen to subpoena witness and bring them before the court and has only succeeded in making it perfectly plain that such charges were wholly unwarranted it would seem but right that he now just as publicly notify the people of the state that he was mistaken or misled by his over-zealous friends.

It is probable that very few of the students and other witnesses which Mr. Jordan subpoenaed were aware of the fact that they had a legal right to refuse to answer any question at this hearing. Very few of the witnesses were aware that Mr. Jordan's lawyers were calling them for the specific purpose of trying to see if they could frighten them into making some statements about themselves which would make it possible for the judge to be in doubt as to whether the witness himself had a right to vote. It is hardly probable that many of the witnesses know that if they answered the first question asked that it was a law of evidence that they must proceed to answer any other question which might follow. Mr. Jordan's lawyers knew this, but the witnesses did not. These lawyers used their knowledge to the best of their advantage to confuse the witness so that he might immediately be placed on the defensive, and this was done regardless of the fact that few, if any, of these witnesses know that Mr. Jordan had charged against them in order to get the court to issue the subpoena.

Under such considerations the writer thinks that the students and friends of the Agricultural College are to be congratulated that the court found all of the persons so subpoenaed and unjustly held up to public discredit to be fully within their rights as citizens. The students are especially to be congratulated that under such court circumstances some of them were not frightened into sacrificing their civic rights.

HENRY L. BOLLEY

This issue of the Spectrum is being sent to a large number of the High School students of the state that they may see some of the facilities for securing an education here and to interest students in the Inter-High School Track Meet and Declamatory Contest which will be held here on May 11th.

As students of the North Dakota Agricultural College, we wish to welcome the High School Students of the state to these contests. Most of the A. C. students have at one time been High School students in this state and are still interested in their own High Schools as well as others in the state. We assure the High School students that they will receive the most courteous treatment while they are here and feel that their time here was well spent, whether they win or lose.

Mr. Larson of Mandan visited his cousin Clara Larson, Wednesday afternoon.

observation and requires research and investigation, which holds the student's interest and affords him delightful mental recreation. A science course of study is at once useful and cultural. It enables the liberally educated man to be a leader of thought and action in the most important pursuit open to the young men of this generation. He will be able to do things as well as to know things; to render society a service which it demands and for which it will render a just equivalent in the way of compensation.

In the Agricultural College the dignity of labor is emphasized and such preparation is afforded as will make it pleasant, congenial, and profitable for those who toil for a livelihood. North Dakota is pre-eminently an agricultural state. The cultivation of grain and forage crops and the breeding and feeding of livestock will necessarily occupy the attention of the bulk of our population. From these sources must come practically all our future wealth.

"No man can study for a moment the entirely new conditions and problems that will confront our people in the immediate future," says Dean Davenport, of Illinois, "without realizing that the establishment of agricultural colleges and experiment stations was the largest act of foresighted wisdom in recorded history, nor can he fail to realize that their adequate maintenance and fostering support is not only the first duty but one of the highest public privileges of the commonwealth of our day and time."

Leo Nemzek, '08, now chief chemist for one of the largest paint manufacturing firms in the East has been selected by the National Paint Manufacturers Association to inspect the experimental paint fence here. He will report on the durability, adaptability and other qualities of the paints which have been tested. Mr. Nemzek is expected here some time this month and will probably remain during the summer.

Wm. Westergaard, '04, of Williston was an old student who visited here last week.

Prof. McArdle was again elected as a member of the Fargo Board of Education at the school election last week.

The North Dakota Agricultural College

For Completeness of Equipment and Faculties for Instruction is unsurpassed in the Northwest

The College Department offers Eleven full Courses viz:

Agriculture	Civil Engineering	Biologic Science
Mechanical Engineering	Home Economics	General Science
Education	Pharmaceutical Chemistry	Chemical Engineering
Veterinary Science	Chemistry	Chemical Science

The 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 Agricultural and Manual Training High School offers complete secondary courses in:

Agriculture	Engineering and Manual Training	Commerce
General Science	Domestic Science	Rural Teachers Training

These courses all fit fully for college entrance

Special Courses:

Pharmacy	Commerce	Homemakers	Farm Husbandry
		Power Machinery	

A Complete Commercial Training is Offered to All Students

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 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. This demand the Agricultural College is attempting to supply.

The Laboratories and Shops are Thoroughly Equipped
The Instructors are Specialists in their respective lines
Exceptional Advantages are offered in Biology, Chemistry, Domestic Science, Literature, Mathematics, Engineering and Veterinary Science

Graduates from approved High Schools are admitted to the Freshman classes of all courses.

Credit is allowed in the Agricultural and Manual Training High Schools for all work done in the country schools.

Tuition Free. Board and Room \$3.75 to \$5.00 per week.

For Catalogs and Circulars address the Registrar

Agricultural College, North Dakota
Farm Husbandry, Power Machinery and Homemakers' Courses Begin Oct. 16th

Special Rates to Students

The exchange of photographs of class members and fellow students should not be overlooked because of the many reminiscences and associations they will recall in years to come. You will then value them more than you perhaps do now.

We are rapidly establishing a reputation for doing the best work at the most reasonable prices ever offered in Fargo. Call and see us.

DCRGE & JANSRUD, Photographers
112 Broadway, over Palm Theatre
Formerly Swem Studio

The greater part of Company A has had target practice either at the gallery or at the range this spring. Outdoor practice has been progressing rapidly and things have been so arranged so that it is possible for as a large number as fifteen men to shoot in one afternoon. This practice has been carried out without any interference with studies such as was common last year. All of the shooting has been done at the 200 yard range and some very creditable scores have been made.

The motorcycle which Harrison Bunt made it the busiest piece of machinery on the campus these days. It is now running fine and will travel as fast as any person dares to go on paths about the campus.

Henry Reddy left Saturday for Lisbon to spend a few days visiting Claire Parker.



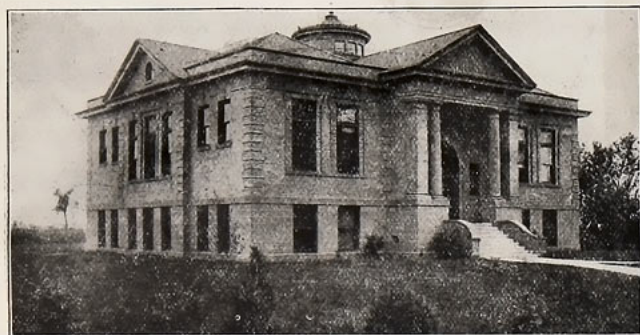
DIXON LAUNDRY
307 Broadway Phone 666

BUY YOUR Pennants, Posters, and Novelties at THE STUDENT'S BOOKSTORE
Engineering Building, Room 16

Views of the Various College Buildings

and

Necessary Information for the Prospective Students



LIBRARY BUILDING
Twenty-three Thousand Volumes

EXPENSES

Board and room in either of the dormitories will cost \$18.00 a month. Board and room in private homes will cost from \$4.50 to \$6.00 per week, according to the quality demanded by the student, but good wholesome board with a room in a nice modern home may be obtained for \$4.50 per week. Books are purchased by the student, and \$10.00 per year is a very fair estimate of the average cost of the same.

WHEN THE COURSES OPEN AND CLOSE

All of the college courses, all of the high school courses and the course in pharmacy begin September 16th, and continue to June 3rd.

The Farm Husbandry Course, the Power Machinery Course and the Housekeepers' Course begin October 14th and continue to March 21st.

SCHOLARSHIPS

College: One to each first-class high school. This is available to the student who stands first or second highest in his class at the time of graduation. It carries with it a remission of all fees incident to the completion of any one of the college courses.

Farm Husbandry: Twenty-five of fifty dollars each. These will be allotted to the twenty-five students who stand highest upon completion of the third year of the Farm Husbandry Course.



SCIENCE HALL
Departments of Biology, Geology, Mineralogy and Mathematics

WANTED.

Below are given a number of positions for students and graduates of the Agricultural College.

WANTED

High School, Minn. Combination man for agricultural and manual training departments. Liberal salary.

WANTED

High School, Minn. Teacher of manual training and mathematics. Salary \$80 to \$85 per month.

WANTED

High School, Minn. Teacher of manual training and physics. \$90 per month. College graduate. Must have had adequate training. Also women to teach domestic science, English, elementary algebra and geometry. \$75 per month.



VETERINARY BUILDING
Department of Veterinary Medicine and Surgery



ADMINISTRATION BUILDING

Executive Office Postoffice Departments of Commerce
English and Philosophy, History and Social Science. Modern Languages
and Public Speaking

LOCATION

The campus of the North Dakota Agricultural College borders on two sides upon the limits of the City of Fargo. Cars of the Fargo Electric Railway connect with all depots and pass the entrance to the college campus every twelve minutes, making the business section, the churches, the libraries, and the social, intellectual and religious life of the city readily accessible to every student of the institution.

EQUIPMENT

Fourteen fine buildings, nine hundred sixty acres of land, of which about one hundred acres have, by fine drives, splendid trees and shrubs, been transformed into the most beautiful campus in North Dakota. More than \$150,000 invested in scientific apparatus, laboratory and shop equipment.



ENGINEERING BUILDING

Departments of Chemical, Civil and Mechanical Engineering and
Horticulture. Students' Book Store

Opportunities for N. D. A. C. Graduates

BELOW ARE GIVEN A NUMBER OF POSITIONS FOR STUDENTS AND GRADUATES OF THE AGRICULTURAL COLLEGE.

WANTED

High School, N. D. A number of good teachers, one for mathematics and drawing. Salary \$65 to \$75 per month.

WANTED

Public School, N. D. Teacher for eighth grade; teacher for 7th and 6th grades. 8th grade teacher to instruct in manual training and agriculture.

WANTED

High School, N. D. Young man to teach manual training and sciences.

WANTED

....., Minn. Principal of consolidated school to teach agriculture and manual training. \$100 a month.

WANTED

High School, Minn. Teacher of agriculture and manual training.



NEW CHEMISTRY BUILDING

Departments of Chemistry and Pharmacy

WANTED

County School of Agriculture and Domestic Economy, Wis. Instructors in dairying and animal husbandry, farm crops and soils, farm mechanics and domestic economy. Salaries up to \$2,000.00 per year.

WANTED

High School, Minn. Teacher of Agriculture, \$1,000.00 a year.

WANTED

....., Minn. Man to teach agriculture and one to teach manual training in high school. Men who can manage boys as well as instruct them.

The above are typical of the demands which come to the Agricultural College in large numbers for teachers.

The North Dakota Agricultural College

North Dakota's College of Technology

A strong faculty of specialists.
A beautiful campus with splendid buildings.
Laboratories and shops unexcelled in the Northwest.
A student attendance of over 1200.
Strong athletic teams and good college spirit.
Attractive courses of study.
The only Agricultural College whose Bachelor of Science receives full recognition from the Minnesota State Department of Education. The degree is also fully recognized by the New York Regents.



CERES HALL

Departments of Home Economics Girl's Dormitory

COURSES OF STUDY

The following Courses of Study are offered:

Eleven of College Grade

Agriculture, Chemical Engineering, Biologic Science, Civil Engineering, General Science, Home Economics, Education, Mechanical Engineering, Veterinary Medicine and Surgery, Chemical Science.

Six of High School Grade

Agriculture, Commerce, Domestic Science, Mechanic Arts, Rural Teachers, General Science.

Six Special Courses

Commercial, Housekeepers' Farm Husbandry, Pharmacy, Power Machinery.

The special courses are all short courses, complete in themselves and intensely practical in their nature. They are open to eighth grade graduates.

The high school courses are open to eighth grade graduates and, while in themselves giving quite a complete technical training along the several lines, they prepare fully for college entrance.

The college courses are open to graduates of high schools offering fifteen year units of work. They all grant the Bachelor of Science degree



FRANCIS HALL

Department of Agriculture
Offices of Farmers' Institute and Agricultural Extension

WANTED

.....Minn. Man to teach agriculture. \$1000.00 or more.

WANTED

....., Minn. Man to teach agriculture in high school.

WANTED

.....Minn. Man to teach agriculture and some science. Also one for manual training and mathematics.

WANTED

....., Minn. Man to teach agriculture.

WANTED

Men to teach agriculture in North Dakota Agricultural High Schools.



MECHANIC ARTS BUILDING

Forge Shop, Wood Shop, Machine Shop, Y. M. C. A. Quarters, Department of Education

College Organizations

Social, Religious, Scientific, Literary, Dramatic, Athletic, Military and Musical.

Create Enthusiasm and Develop Initiative.

Receive Hearty Support From College Authorities.

The student life of the North Dakota Agricultural College is centered in and around the various college organizations. These societies to much to develop the spirit of initiative within every student. They not only help to develop initiative, but they also serve as a means to get students better acquainted with each other. Their importance cannot be emphasized too strongly. The organizations group themselves into the following divisions:—Social, Religious, Scientific, Literary, Athletic and Military.

Social

All the student societies of the college usually devote one of more of their meetings to social sessions in order to enable their own members to become better acquainted. During the year various receptions parties and banquets are given, not only by the students, but also by the faculty members. The Alpha Mu and the Alpha Zeta fraternities and the Delta Phi Beta Sorority are secret organizations in which social prominence plays an important part.

Religious.

The Y. M. C. A. and the Y. W. C. A. are two student organizations which afford many opportunities for religious work and do an untold amount of good. Both maintain an information bureau and do splendid work.



Maud Ballington Booth "The Little Mother of The Prisons" addressed 900 people at College Armory, Oct. 25, 1910.



William Jennings Bryan, "World's greatest orator" Delivered after Dinner speech at All College Banquet—Ceres Hall, Mar. 7, 1912.



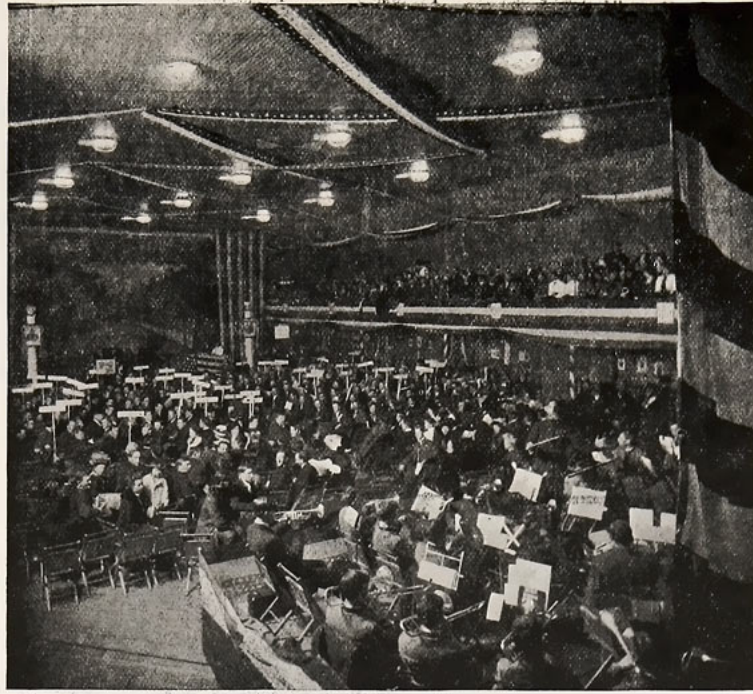
Judge Ben Barr Lindsey "Famous Juvenile Court Judge" addressed 1100 people at A. C. Armory—May 4, 1911.



Robert M. LaFollette "The Little Giant from Wisconsin" addressed 700 students at A. C. Armory, Saturday morning, March 19, 1912.

College Activities

Make Student Life at the North Dakota Agricultural College Interesting as well as Instructive



The N. D. A. C. ARMORY the Center of College Activities. The above picture represents a scene at the famous Non-Partisan Political Convention, Feb. 22, 1911. The Seating Capacity of the Armory is about 1500. The Inter-High School Declamation Contest and Reception to all High School Students will be held here



Frank J. Cannon "Foe of Polygamy" addressed 600 people at A. C. Armory, Feb. 12, 1912.



John Gunckel "The Newsboys Friend" addressed 700 people and 100 newsies at A. C. Armory, Jan. 9, 1912.



Thomas P. Gore "The Blind Senator from Oklahoma" addressed 700 people at A. C. Armory, Nov. 28, 1911.



Francis J. Heney "San Francisco's Graft Prosecutor" addressed 600 people at A. C. Armory, Mar. 27, 1912.

Teachers of Home Economics

Opportunities for graduates from The North Dakota Agricultural College.

We are often asked the question, "If I graduate from a four year course in Home Economics, can I get a position and what will the probable salary be?" In 1911, the first class was graduated from the Home Economics course receiving B. S. degree. There were eight members and they are located as given below. The lowest salary is \$75.00 per month; the highest up to the present time is \$105.00. Pretty good for one year.

Where the graduates from Home Economics course are located:

CLASS OF 1911—first class to graduate from four year courses. Degree B. S.

Mrs. Louise Campbell, H. E., Extension Department in Iowa State College, Ames, Iowa.

Ruby Gibbens, teaching D. S. in High School, Halstad, Minn.

Agnes Halland, teaching D. S. in Agricultural High School at McIntosh, Minn.

Anna Lamb, teaching D. S. in High School at Dickinson, N. D.

Hughina McKay, teaching D. S. in High School, Fargo, N. D.

Lillian Pearson, teaching D. S. in High School, Larimore, N. D.

Elsie Pellissier, teaching D. S. in High School, Minot, N. D.

Isabel Rose, teaching D. S. in High School, Bottineau, N. D.

CLASS OF 1912—has eight graduates and of this number, the following have already been elected to position.

Grace Briscoe, teaching D. S. in Devils Lake, High School.

Helen Hoover, teaching D. S. in La Moure High School.

Addie Stafford, North Dakota Agricultural College, Pure Food Department.

Look in the next issue for the rest of the appointments.

Noted People Who Have Addressed The A. C. Students

LIST INCLUDES THE MOST PROMINENT AMERICANS OF TO-DAY

During the past few years the students of the North Dakota Agricultural College have been given an opportunity to listen to some of the most noted men and women in public life in America to-day. Among the most eminent who have appeared are such characters as William Jennings Bryan, the greatest living statesman in the U. S.—Maud Ballington Booth, the "Little Mother of the Prisons" whose work among the inmates of the prisons has been heralded both far and wide—John Gunckel, the King of the Newsboy World and Ben Lindsey, the famous Juvenile Court Judge, whose deeds of charity and pure benevolence have spread their fame both far and wide—Fighting "Bob La Follette" of Wisconsin, Francis J. Heney, the noted San Francisco graft prosecutor and U. S. Senator Thomas P. Gore, the blind man eloquist Bishop Quayle of Oklahoma, R. Hermen who are wrestling with the many economic and social problems confronting the American people, Frank J. Cannon, late U. S. Senator from Utah and foe of Mormonism, Bishop Quayle of Oklahoma, Dr. Herbert L. Willett of the University of Chicago, Rev. Andrew Gillies of Minneapolis, Minn., Dr. Montgomery of Washington, D. C., four of America's greatest preachers, Edmund Vance Cooke, the famous poet and writer and Sidney Teller, a great social settlement worker. Other characters who are scheduled to appear within the next year or two are Bishop Robert McIntyre, Opie Reed, Ben Chapin, S. Parks Cadman, Jane Addams, Joseph L. Bristow, Russel Conwell, Dr. Wiley, John Temple Graves, Theodore Roosevelt, George Vincent, Woodrow Wilson and many others. The influence such men and women have in shaping and moulding the ideals of students cannot be overestimated.

Prof. Abbott formerly Professor of Industrial Chemistry here, but now head of the department of chemistry at the University was one of the visitors who attended the meeting of the North Dakota Academy of Science which was held here Saturday.

"Never mind me," said the silent friend. "I'm Vox Pupuli. I never talk except when I have something to kick about."

Philomathion Literary Program

The program given on last Friday so interesting. The next number was a debate. "Resolved—That the Rural Awakening of Today Will Solve the Social Problems of the City." Theo Stoa Walter Botsford David Sonquist Thomas Calnan The decision of the judges was two to one in favor of the Negative. The last number of the program was a short talk on "College Extension Work" by Prof. Randlett which was greatly appreciated by those present. After the meeting the society adjourned to the Armory where they were the guests of the Athenians.



A Sweet Girl Graduate

Roy Dynes Will Edit The 1914 Agassiz

DAVID SONQUIST ELECTED BUSINESS MANAGER.

After several weeks of consideration, the Sophomores decided that they had the members of the class rated properly and considered themselves qualified to transact the all important business of electing the editor and business manager of the 1914 Agassiz. The election was held Thursday. The competition for the editorship was quite keen, several persons being nominated. On the second ballot, Bertha Camp and Roy Dynes, each received half the votes of the class, and another vote had to be taken, when Dynes won out. Not so many of the '14 Class were willing to shoulder the financial responsibility of publishing the Junior Annual. David Sonquist was elected to this position.

The Agassiz is a permanent record by which future generations judge each class so every class is careful to select their most capable members to publish it. Both Mr. Sonquist and Mr. Dynes are well qualified to do this. Mr. Sonquist is a hustler and will make good on the business end of the book. Mr. Dynes is well known here as an inter-collegiate debator, for his literary society work and as a student and should succeed in fulfilling the ambition of the class to edit an annual which excels all previous publications.

WHEN LOVE IS DEAD

When love is dead the roses fade,
The winds by which the boughs are swayed
Cease blowing out of regions where
The hills are green, the meadows fair,
And wood nymphs it from glen to glade.
The plans that were so proudly made,
Becoming commonplace, are laid
On dusty shelves to crumble there,
When love is dead.
Where artless grace was once displayed
Unlovely angles are betrayed;
The eyes so full of soul so pure,
Assume a cold and searching stare,
The angle has become a jade,
When love is dead.

—S. E. Kiser.

There's goin' t' be a great demand for soft, desirable place t' light after th' Chicago convention.



DR. HERBERT L. WILLETT of the University of Chicago COMMENCEMENT ORATOR June 4, 1911.

In the CLASS OF 1910—three girls graduated from the General Science course, two of the number took their majors in Domestic Science. They have been located for the past two years, as follows:

Katherine Grest, teaching D. S. in High School, Bemidji, Minn.

Cecilia Eyoilson, teaching D. S. in High School, Williston, North Dakota.

Mathilda Thompson, teaching D. S. in High School, Fergus Falls, Minn.

Margaret Magill, teaching D. S. in High School, Oakes, N. D.

DOES A COLLEGE EDUCATION PAY?

Dartmouth College, in an endeavor to ascertain whether or not a collegiate education pays, has made a canvass of its class of 1909. Confidential reports have been received from 76. The men have been out of college ten years, which means fourteen years out of high school. They have had time to settle down. Of the 76, one is earning \$708, one \$12,000 a year. Eight are working for \$1,200, five for \$1,500, nine for \$1,800, six for \$2,000, two for \$2,400, four for \$2,500, six for \$3,000, four for \$3,500 and twelve are earning between \$4,00 and \$7,500 a year. The average for the 76 is \$2,620.

—UNIVERSITY DAILY KANSAN

Moonlight dances have been forbidden by the U. of Nebraska authorities because at a recent Freshman lawn party, a moonlight was transformed into total darkness.

Poets are born, not made; consequently Adam couldn't have been a poet.



BISHOP QUAYLE

Noted Divine who addressed Students, Faculty and Townspeople at Armory, December 12, 1910

Scientific.

The N. D. A. C. Lyceum of Engineers, an organization composed of young men who are pursuing the various engineering courses, the N. D. A. C. Pharmacy Club, the Agricultural Club, the Polytechnic Society, the Home Economics Club and the Industrial Educational Society are student organizations which meet weekly or semi-monthly and discuss problems of a technical or scientific nature.

Literary and Dramatic

The Athenian, Philomathion Hesperian and Castalian Societies and the Edwin Booth Dramatic Club meet semi-monthly and render interesting programs. The members of the societies participate in the various debates, declamatory and oratorical contests and amateur plays held during the college year.

Athletic

The football, basketball, base ball and track teams are organizations in which merit and merit alone is the prime requisit for membership

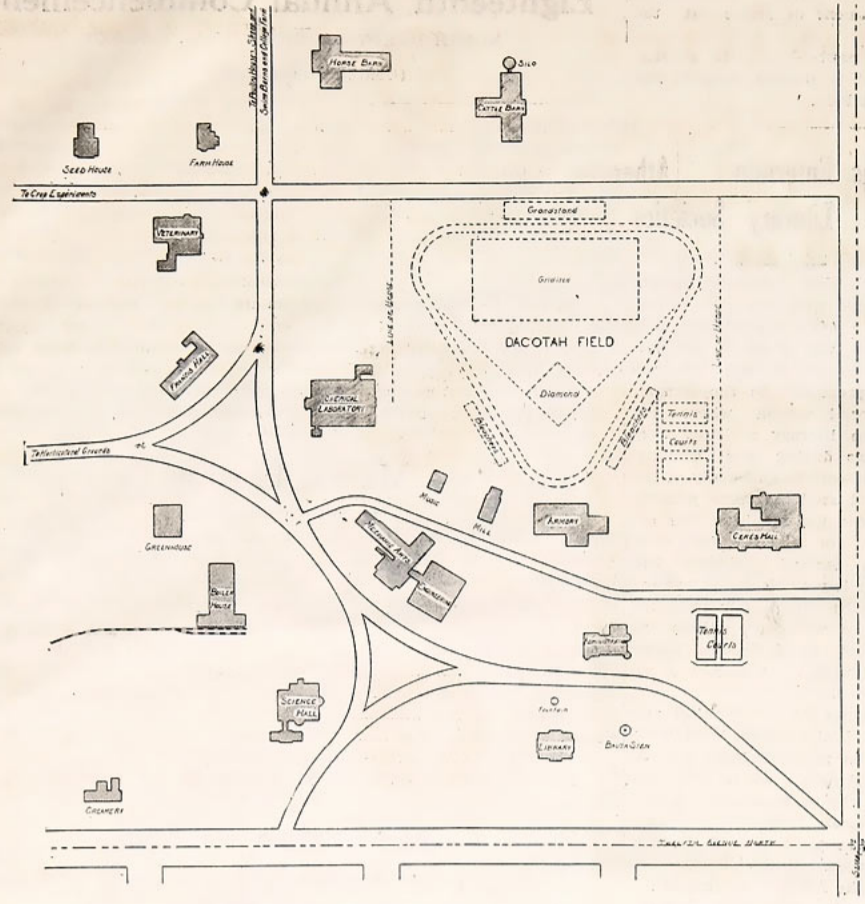
Military

Aside from the military companies which the institution maintains there is an organization called the Crack Squad which is made up entirely of the students.

Musical

The Band, the Orchestra, the Girls Glee Club and the Men's Glee Club meet weekly for practice and perform duties at times which would be a credit to an institution twice the size.

All these organizations are open to students who satisfy the necessary requisites and afford ample opportunity for social enjoyment and intellectual improvement. They play no small part in the life of a student at the Agricultural College.



MAP OF COLLEGE CAMPUS

Showing Dacotah Field Which Has Just Been Completed And Will Be Dedicated At The Fifth Annual Inter-High School Field Day And Declamation Contest, Fargo, N. Dak., Saturday, May 11, 1912

FIFTH ANNUAL INTER-HIGH SCHOOL FIELD DAY AND DECLAMATION CONTEST.

(Continued from page 1)

1. Hundred Yard Dash, 11 1/2 seconds. Won by Taubert of Casselton.
2. Half Mile Run, 2 min. 12 sec. Won by Williams of Grand Forks.
3. 220 Yard Low Hurdles, 29 2-5 sec. Won by Anderson of Detroit.
4. 220 Yard Dash, 25 sec. Won by Taubert of Casselton.
5. Mile Run, 5 min. 18 sec. Won by Williams of Grand Forks.
6. 120 Yard High Hurdles, 20 sec. Won by Armstrong of Grand Forks.
7. 440 Yard Run, 55 2-5 sec. Won by Anderson of Detroit.
8. Half Mile Relay, 1 min. 43 1-5 sec. Won by Team from Grand Forks.
9. Hammer Throw, 116 ft. 10 1/2 in. Won by Booth of Fargo.
10. Pole Vault, 9 ft. 10 in. Won by Ledwell of Grand Forks.
11. Discus Throw, 92 ft. 1 1/4 in. Won by Armstrong of Grand Forks.
12. Broad Jump, 19 ft. 11 in. Won by Young of Crookston.
13. High Jump, 5 ft. 7 1-8 in. Won by Eustace of Breckenridge.
14. Shot Put, 38 ft. 7 in. Won by Wood of Casselton.

The meet was won last year by Grand Forks and in former years has been won by Valley City and Fargo. The younger and smaller schools of the state, however, should not be discouraged from entering the contest. In the inter-high school meet in Illinois a few years ago, two unknown athletes from a little unknown school in the state not only made points for themselves and their school but even won the meet in face of the rivalry of the strongest schools in the state.

The conditions governing the meet will be the same as last year with the additional clause debaring those who have ever registered as College freshman.

THE ATHLETIC RULES.

Contestants:—These contests are open to all North Dakota and a limited number of Western Minnesota High Schools. Entries must be certified by the Principle and Superintendent of the High School. Entries for each event are limited to three, except the relay race where six men may be entered.

Rules of Eligibility:—(Article 5 of the Constitution of the North Dakota High School League.)

Sec. 1. No person shall take part in any contest who has not been regularly enrolled as a student in the public schools he or she is to represent for at least two weeks prior to the contest or from the beginning of the school year.

Sec. 2. Any pupil leaving school before the end of the first semester will not be eligible to contest in a league contest until he or she has attended two full months.

Sec. 3. No student is eligible to compete in the Inter-High School Contest who is not pursuing in regular classes at least three full subjects with a passing grade in each up to the time of the contest.

Sec. 4. No student shall participate more than four years in inter-high school contests provided that competition while a member of the grades below the high school shall not be considered.

Sec. 5. No person shall take part in the Inter-High School Contest who is a graduate of a four-year high school course.

Sec. 6. No student shall compete in a League contest who has at any time been enrolled as a student in an educational institution of higher rank than a secondary, unless in a preparatory department.

Points:—First place in each event shall count five; second place three; and third place, two points.

THE DECLAMATION RULES

Contestants:—This contest is open to all North Dakota and a limited number of Western Minnesota High Schools. Entries must be certified by the Principle and Superintendent of the High School. Each School is limited to one entry. Declamations are limited to 12 minutes in length.

Rules of Eligibility:—(Article 5 of the Constitution of the North Dakota High School League.)

Sec. 1. No person shall take part in any contest who has not been regularly enrolled as a student in the public schools he or she is to represent for at least two weeks prior to the contest or from the beginning of the school year.

Sec. 2. Any pupil leaving school before the end of the first semester will not be eligible to contest in a league contest until he or she has attended two full months.

Sec. 3. No student is eligible to compete in the Inter-High School Contest who is not pursuing in regular classes, at least three full subjects with a passing grade in each up to the time of the contest.

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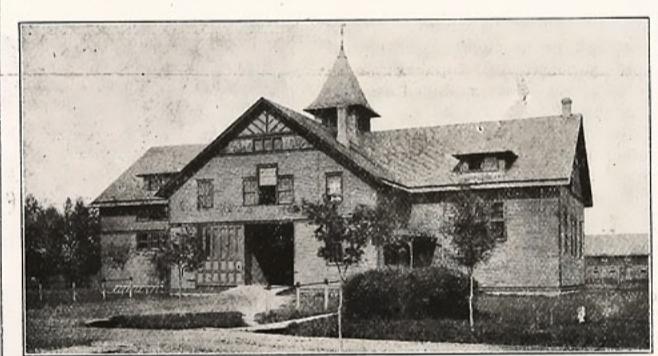
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Student Votes Legal In Municipal Election

Many Students Called to Testify Before Court. No Evidence Introduced to Show That Any of Them Should Not be Allowed to Vote in Fargo.

Last week a number of the stu-



STOCK JUDGING PAVILION

dents of the A. C. found themselves suddenly confronted by the Deputy Sheriff of Cass County bearing in his hand a subpoena calling upon them to appear at the Court House and testify in the case of Jordan vs. Sweet. In this case, the now well known City Election Contest case the plaintiff alleged illegal voting in the seventh ward, the ward in which most of the students voted, and it was the evident intention of the attorneys for the plaintiff to show by the testimony of these students that they voted illegally. Among the students called were Miller Vance, Norton Hendrickson, Thomas Calnan, Walter Botsford, A. C. Anderson, John Nolet, Lancy Montgomery, Clarence Walter, Oscar Knudson, George Gustafson, Clarence Williams.

Each of these men were closely questioned as to the time they had been attendance at the college, where they had roomed during the where they had spent their summer vacations, whether or not they received any financial support from their parents, how much they were earning at school, and whether they intended making Fargo their home. Having answered these questions an attempt was made to question them as to whether they had voted at the City Election held in Fargo on March 19, 1912. To this question the Defense objected on the ground that there was no foundation laid for proof, and invaded the secrecy of the ballot. The Court ruled that no answer was to be made to this question until the Court could decide whether or not the several witnesses under examination were legal voters in the ward. The State of North Dakota has no definite statute ruling as to the qualifications of students as such to vote in the college town, and for that matter, but few other states have such statutes. After consulting the few available records of precedent the judge finally ruled that each of the students witnesses concerned were entitled to vote, having unquestionably established their residence in Fargo and in the ward in which they claimed residence. The attorneys for the plaintiff then called A. C. Anderson back onto the stand and asked him whether he had voted at the election. The Defense made the same objection as before, and this time the judge promptly sustained the objection. As the same case would have fitted all other students, no more were called to the stand to answer to that question.

The students of the college all feel that the occurrence has been in the nature of a boost for the institution rather than a knock, as some had chosen to take it, and that the A. C. harbors within its walls a bunch of fellows who are interested in public affairs and alive to the political situations of the day to the extent that they will do their utmost to help the cause as they see it. Absolutely no evidence was introduced to show that the votes of any of the students had been influenced by the faculty of any person connected with the Agricultural College.

RECITAL GIVEN BY STUDENTS IN MUSIC

Four of the most promising pupils of Miss Grasse gave a very enjoyable musical program in the Armory Monday evening, when Mrs. Kallgren who is becoming one of Fargo's favorite sopranos assisted by Misses Leet, Lachner and Robinson appeared in a recital.

- The program was as follows:
- False Chopin
 - Polish Dance Scharwenka
 - Miss Robinson
 - Carmena Wilson
 - Miss Leet
 - Irish Folk Song Foote
 - Rosalie De Koven
 - Rose of My Heart Lohr
 - Love is a Bubble Allitsen
 - Mrs. Kallgren
 - Butterfly Grieg
 - Miss Lachner
 - Ave Maria Gounod
 - Love is a Rose San Souci
 - When Celia Sings Mohr
 - Mrs. Kallgren
- Mrs. Kallgren's singing was greatly appreciated and she was present-

First Annual Commencement of the N. D. A. C. Agricultural and Manual Training School

May Twenty-fourth and June First, Nineteen Twelve
College Armory, 8:00 P. M.

Senior Class Play

Friday Evening, May Twenty-fourth, Nineteen Hundred Twelve
College Armory, 8:00 P. M.

"THE COOL COLLEGIANS"

A Comedy in Two Acts by Miles Medic.

- | | | |
|-------------------|-------|---------------------|
| Harry Meredith | ..... | Wilbur Rankin |
| Fred Parks | ..... | John Kerr |
| Mrs. Huntoon | ..... | Mabel Ewen |
| Fanny Morrison | ..... | Rizpah Ladd |
| Lillie Wainwright | ..... | Lillian Hume |
| Muggins | ..... | Arnold Christianson |
| Kate | ..... | Olive Larson |

SCENES:

- ACT I.—A Student's Room.
- ACT II.—Mrs. Huntoon's Room.

STAFF:

- | | | |
|----------------------|-------|----------------|
| Business Manager | ..... | William Emery |
| Stage Manager | ..... | Winnie Grouch |
| Master of Properties | ..... | Milton Wilson |
| Press Agent | ..... | Harold Bachman |

Commencement Exercises

Saturday, June First, Nineteen Hundred Twelve.
College Armory,—8:00 P. M.

PROGRAM

- | | | |
|-----------------------------|-------|---------------------------|
| Music | ..... | Selected |
| Salutatory | ..... | Harold Bachman |
| President's Address | ..... | John Kerr |
| Class History | ..... | William Emery |
| Class Poem | ..... | Katherine Ladd |
| Class Prohecy | ..... | Winney Crouch—Bruce McKee |
| Class Song | ..... | Olive Larson |
| Valedictory | ..... | Barbara Heidner |
| Violin Solo | ..... | John Anderson |
| Recommendation of Graduates | ..... | Principal J. E. Kalmbach |
| Presentation of Diplomas | ..... | John H. Worst |
| Music | ..... | Selected |

CLASS OFFICERS:

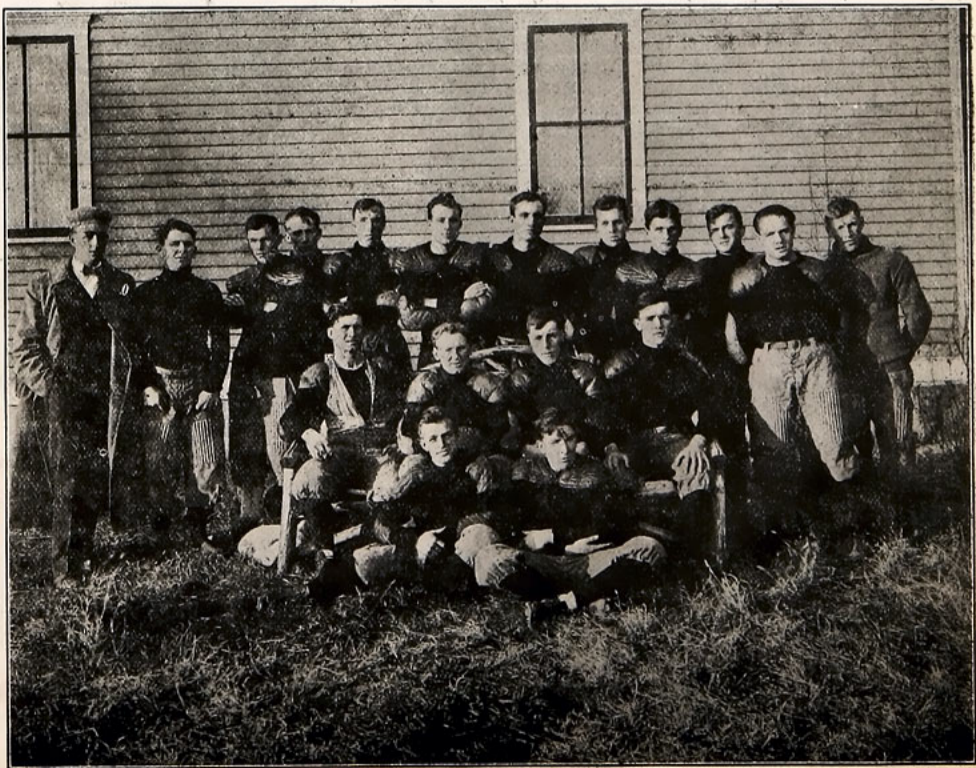
- | | | |
|----------------|-------|-----------------|
| President | ..... | John Kerr |
| Vice President | ..... | Barbara Heidner |
| Secretary | ..... | Rizpah Ladd |
| Treasurer | ..... | Katherine Ladd |

CLASS COLORS: Navy Blue and Silver.

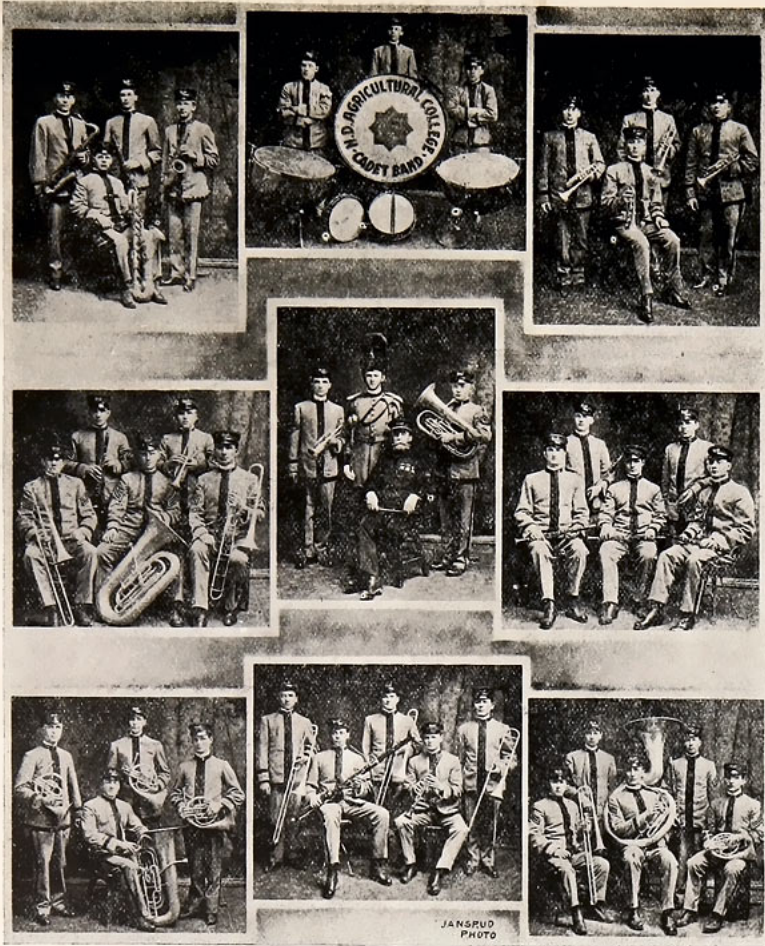
CLASS MOTTO: "Find a Way, or Make One."

CLASS ROSTER.

- | | | |
|----------------------|-------|-----------------------|
| Anderson, John A. | ..... | Fort Ransom, N. D. |
| Bachman, Harold | ..... | Fargo, N. D. |
| Christianson, Arnold | ..... | Chicago, Ill. |
| Couey, Emily | ..... | Fargo, N. D. |
| Crouch, Winney | ..... | Edmore, N. D. |
| Emery, William | ..... | Emerado, N. D. |
| Ewen, Mabel | ..... | Carrington, N. D. |
| Heidner, Barbara | ..... | Fargo, N. D. |
| Hume, Lillian | ..... | Lisbon, N. D. |
| Kerr, John | ..... | Milton, N. D. |
| Ladd, Katherine | ..... | Fargo, N. D. |
| Ladd, Rizpah | ..... | Fargo, N. D. |
| Larson, Olive | ..... | Fargo, N. D. |
| McCormick, Mabel | ..... | West Bend, Ia. |
| McKee, Bruce | ..... | Fargo, N. D. |
| Mikkelsen, Harold | ..... | Garske, N. D. |
| Rankin, Wilbur A. | ..... | Daysland, Alta., Can. |
| Reinhart, Lewis | ..... | Fargo, N. D. |
| Samson, Elizabeth | ..... | Akra, N. D. |
| Samson, Milton | ..... | Akra, N. D. |
| Wilson, Milton | ..... | Valley City, N. D. |



College Football Squad Season, 1911



LAST YEAR'S BAND

We have undoubtedly the best band in the state.

MUSIC AT THE N. D. A. C.

On a certain Friday last winter about 3:30 P. M. many young men could be seen hurrying toward and into a small brick building on the A. C. campus. The building itself was not prepossessing in appearance, was isolated and alone on a back street and yet it seemed the objective point toward which a large number of young fellows were hastening, carrying queer looking black cases of various shapes and sizes. They were coming from all directions and from their good natured talk and merry laughter it was evident they were going into this building willingly and even eagerly.

Follow them in and you would think Pandemonium had broke loose. Noise in the superlative would greet you and yet that noise was of a musical character but decidedly disconnected. The lower hall was crowded, the small rooms were packed but a steady stream of young life was flowing up the narrow staircase to a large room above.

Follow that stream up and see many chairs arranged in half circles one in back of the other with a small platform 5 inches high in the center of the inner circle. metal stands for holding music are in front of each chair and in a short time these chairs are occupied by the aforesaid young fellows each with a musical instrument in his hands.

Look closer and watch them and you discover an evident orderly arrangement among them. On the right of the center are 6 fellows with Cornets in three groups of two each, one back of the other. In front of the platform is a Piccolo and small Clarinet and back of them 4 monster bass instruments. To the left of the center are a group of Clarinets—an even dozen, and back of them curious shaped instruments in brass and wood. Back of them a big drum,

cymbals and small drums. Between the Basses and the Cornets are 4 Horns and back of them 5 silver instruments with gold lined bells facing you and silver tubing sliding in and out, and two larger instruments with the large bells pointing upward, just to the right of the back group of Cornets.

These various instruments are all noisy with music in different keys and time, interspersed with story and jest, and "chaff" and laughter. A young fellow is handing out small black books and large manila folders to each group. A look of eager expectancy is on each face.

You stop your ears and are about to fly from such pandemonium when a slender, wiry, nervous man comes up the stairs. His face is masked with whiskers and mustache. Glasses are pinched on his nose with a pair of twinkling smiling eyes back of them. He moves with a quick step to the center of the room, pulls off his coat and hangs it on a near by hook. He glances about the room. Every chair but one is occupied and the occupant of that chair is known to be sick. He looks at his watch. It is 3:45 and with a quick movement he steps upon the platform, pick up a small stick and hits the top of a large iron wood topped music stand. One rap and there is absolute silence in the room. Pandemonium has fled and you can almost hear your own heart beat. In a low voice with a snap in it he says "Number 14." There is a slight rustling of paper and again silence. The man on the platform raises his arm and each instrument comes up to the face of each owner, another quick movement of the arm, a downward motion of the stick and the majestic swing of a great military march breaks the silence, in perfect tune and time now, and a rehearsal of the N. D. A. C. Cadet Band under the directorship of Dr. C. S. Putnam is on.

Sudden unexpected stops, suggestions to this one to the right and that one to the left, hints about this phrase or that measure, correction of this fault or that bad habit, repeated trial of a strain by this section or that, all these follow each other in rapid succession for an hour and twenty minutes. Frequent rests for a joke or story or the changing of music to be rehearsed relieve the strain and at the end the young fellows reluctantly resign their places to another group of players who in turn play easier music, practice scales and rudimentary exercises for another hour.

In another building is still another group of young fellows learning from a beardless youth the first rudiments of the art. The doctor's first assistant is here teaching the first efforts at blowing wind instruments. Everywhere is the same eager interest shown and 92 young men are learning to make the farm pleasanter to live upon and the town more attractive to the inhabitants. They will go back to their homes to become the nucleus and inspiration of the hundreds of small bands springing up all over this state.

Three times a week during the school year this scene can be duplicated. New music is read for the first time, familiar music is made more pleasing to the ear, talks on style, hints on methods of practice, lectures on form, and a hundred suggestions for the perfecting of the individual performer follow each other throughout the year. The interest never flags. The same promptness and alert attention characterizes the last rehearsal the first one.

Nor is this all that takes place in that small building with the large sounding name—Music Hall. Voices are trained, young men and young are taught to play the piano and violin, harmony is explained, and during the past winter 202 dif-

ferent pupils received instruction in the Department of Music at the A. C.

Does it pay?—Yes, with a large Y, but that is another chapter. Not room for it here.

Athenians Entertain Literary Societies

The Athenian Literary Society held a special mid-term meeting Friday night. After the literary program which was given in the Society room in the library, all the members proceeded to the Armory for the social session where the other three literary societies were their guests during the evening. Most of the college and many of the high school students were present. Informal dancing furnished the entertainment for all those who were present. Several circle two steps made it possible for the young men to dance with nearly all the young ladies who were there so every person could become better acquainted with the members of all the different societies.

The feature of the evening was the Barrett Weinerwieser band. They consented to play for quite a number of the dances much to the pleasure of all who were present. Misses Ruff and Leet furnished splendid music on the piano for all the rest of the dances. Refreshments were served by the Athenians towards the close of the evenings entertainment.

The cast for the Senior class play, "A Bachelor's Romance" is rehearsing every day and are mastering their parts rapidly.

Supt. Hoverstad and Prof. Waldron gave a special Arbor Day institute at New Rockford Saturday. This was the fourth special institute held there this year which shows the interest they are taking on the "Better Farming" movement.

Senator LaFollette spoke at the Oregon A. C. last week.

Eighteenth Annual Commencement

NORTH DAKOTA AGRICULTURAL COLLEGE

(Continued from page 1)

Harold Reynolds	Eric Martinson
Archibald Savage Lytton	Amos Ewen
Helen Le Grand	Alma Leeb
Mr. Mulberry	Mark Heller
Harriet Leicester	Grace Briscoe
Miss Clementina	Fern Dynes
Sylvia	Addie Stafford

SYNOPSIS:

ACT I.—David's Study, a room on the top floor of a studio building near Washington Square, N. Y.
 ACT II.—The following evening. Helen's fashionable home, Murray Hill, N. Y.
 Act III.—Eight months later. David's Study.
 ACT IV.—Two months later. Miss Clementina's home in the country.

Musical Program

By College Orchestra.

March—"Cross the Rockies....."	Morse
Selection—"The Wedding Trip....."	DeKoven
Intermezzo—"Sparklets....."	Miles
Dance—"In the Shadows....."	Finck

STAFF.

Business Manager	Mark Heller
Stage Manager	Leslie Wheeler
Master of Properties	Alfred C. Anderson
Press Agent	Blanche Moyer
Keeper of the Manuscript	Helen Hoover

SENIOR SWING OUT,—College Armory—10 P. M.

PIPE OF PEACE CEREMONY,—College Campus—Midnight

Commencement Exercises

Tuesday, June Fourth, Nineteen Twelve.

College Armory, 1030 A. M.

PROGRAM:

Processional March—Triumphale	Tobani
Putnam's Orchestra.	
Overture—Light Cavalry	Suppe
Putnam's Orchestra.	
Prayer	Rev. A. E. Peterson
Selection—Baron Trenck	Albini
Putnam's Orchestra.	
Oration—The Law of Service	Ella Heidner
Address—"Some Old Fashioned Ideas"—	State Senator Wesley C.
McDowell of Marion, N. D.	
Granting of Diplomas	President J. H. Worst
Suite—Gitanilla No. IV, Valse Boheme	Lacome
Putnam's Orchestra.	

Commencement Dinner	Ceres Hall, 1:00 P. M.
President's Reception	Ceres Hall, 3:00 P. M.
Alumni Ball and Banquet	6:00 P. M.

COLLEGE DRAMATICS



Scene from "Professor's Love Story"—Senior Class Play—1911.

DISTRIBUTION OF STUDENTS

Where the students of the North Dakota Agricultural College live.

North Dakota	
Adams	3
Barnes	31
Benson	24
Billings	6
Bottineau	13
Bowman	13
Burke	2
Burleigh	7
Cass	246
Cavaller	33
Dickey	11
Divide	5
Eddy	15
Emmons	5
Foster	13
Grand Forks	46
Griggs	13
Kidder	6
La Moure	16
Logan	1
Mercer	1
Montrail	3
Morton	12
McHenry	18
McIntosh	1
McLean	6
Nelson	19
Oliver	1
Pembina	34
Pierce	6
Ramsey	62
Ransom	19
Renville	12
Richland	29

Rolette	5
Sargent	13
Sheridan	1
Stark	7
Steele	19
Stutsman	21
Towner	19
Traill	48
Walsh	67
Ward	11
Wells	11
Williams	6
Total	948
Other States	
Illinois	2
Iowa	8
Maryland	1
Massachusetts	1
Michigan	2
Minnesota	100
Montana	7
New York	1
South Dakota	6
West Virginia	1
Wisconsin	6
Canada	11
Total	146

Big Crowd Enjoys Alpha Zeta Dance

The Fraternity of Alpha Zeta gave their annual dance in the Armory Saturday evening. This was a very successful event. A splendid crowd of A. C. students and guests from the city were in attendance, a total of eighty couples being present. Music was furnished by Putnam's seven-piece orchestra. Decorations consisted of red, white and blue bunting draped about the entire armory and numerous pennants and banners at intervals on the walls. An Alpha Zeta Coat of Arms with a large A. C. blanket as a back ground was an attractive feature. A bank of ferns surrounded the orchestra. Frappe was served during the evening. This dance proved to be one of the most enjoyable held this year. The next dance will be the Senior Ball which will be given by the Senior Class on May 10th.

Roy Cook an old pharmacy student now running a drug store at Gardner attended the Alpha Mu initiation Friday evening.

Ambrose Boucher, Clarence Williams and Homer Dixon went thru the final ceremonies of the Alpha Mu initiation last Friday evening and are still alive.



Ceres Hall Dining Room where the Participants in the Inter-High School Field Day and Declamation Contest will be entertained.

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PERSONALS

Prof. Bergman, who has not been feeling well for some time was taken to St. Lukes Hospital last week. He is doing very nicely but will probably not be able to take charge of his classes for some time. Prof. Miller is teaching Prof. Bergman's classes while he is absent.

Miss Stewart has resumed her studies at the A. C. this term.

William Emery has succeeded Harrison Bunt as assistant in the Physics Laboratory.

Albert Hinck, a former student of the A. C., stopped off to visit the school and friends, while enroute to Montana where he will file on a claim.

Prof. Bolley has rented a piece of land on the corner of eleventh Avenue and Thirteenth Street which he will use for experimental work this year. This is virgin soil and Prof. Bolley hopes to obtain some interesting results from these experiments.

Prof. Ladd was recently requested to give the annual address before the Iowa State Pharmaceutical Society at their meeting in July but had to decline the offer as this meeting comes at the same time as the Annual Convention of the Pure Food Commissioners Association, of which Prof. Ladd is one of the most active members.

Evan Hall, Asst. Superintendent of the Demonstration farms left Friday for an inspection tour of the demonstration farms of the state.

Levi Thomas and Walter Marshall covered much of the territory adjacent to Fargo in a carriage last Friday on a seed inspection tour for the U. S. Bureau of Grain Standardization. This week they are covering many towns of the state, Mr. Marshall working in the valley and Mr. Thomas in the southern part of the state.

Prof. Ladd gave an address before the Northwestern North Dakota Teachers Association which was held at Minot on the "Adulteration of Foods, Drugs and Patent Medicines" last Saturday.

Ceres Hall

Miss Ellen Syse took supper with the Misses Cox last Wednesday.

The crowd of girls that attended the play Saturday night was almost as large as the one that went to the dance.

The Misses Mable and Marion Cox dined at the Dynes home last Friday evening.

Miss Lucy Sprague was a guest of Miss Matie McLean at supper Saturday night.

Miss Ehtel Poole entertained Miss Marsh and Miss Stanley of Steele the first part of the week.

Lost: Two valuable white woolen blankets. Finder please leave at Mrs. Marshall's office at the Hall.

A number of the girls intended to give a party in the near future.

All Ceres Hall girls are requested to pay Miss Poole five cents as soon as possible.

Miss Jacobson will teach a special class in Fabrics beginning next week to a few of the Senior girls.

Miss Ellen Syse lead the Devotional meeting last Wednesday. She read an exceptionally well written and instructive paper on "Equity."

Friday afternoon, a large number of the girls of the College gathered in the Ceres Hall Gym and listened to the singing of several beautiful solos by Miss McLaren, accompanied by Miss Alm. Miss Miller gave a short personal talk to the girls.

Mission Club did not meet this week because of the special "Sunday" meeting Saturday afternoon.

Mrs. Justine Hammond visited Mrs. Marshall last Tuesday.

Friday evening Mrs. Marshall entertained a few friends at a spread. Strawberry short-cake was the chief dainty served.

Miss Enid Erickson was a guest of Miss Alms last Friday evening.

Miss Seneca Pederson of Moorhead was a guest of Elsie Stark at Sunday dinner.

NORTH DAKOTA ACADEMY OF SCIENCE MEETS HERE

MANY INTERESTING SCIENTIFIC PAPERS WERE GIVEN. DR. VAN ES ELECTED PRESIDENT FOR NEXT YEAR

The North Dakota Academy of Science held its fourth annual meeting at the A. C. on Saturday, April 20. This meeting was exceptionally well attended, many scientific men from out of town being present. An encouraging fact, showing a profound and steadily growing interest in scientific work, is that the attendance was secured without any advertising or blowing of trumpets.

A glance at the program will show that the members of the Agricultural College faculty and Station staff took a prominent part in the proceedings, six out of the fourteen papers being presented by them.

Prof. Remington gave a paper, "Studies on Vinegar," in which he gave the sources of commercial vinegar and told what may be expected from each. He elucidated certain methods of detecting the source by analysis. He also showed how the standardizing of vinegar, requiring that not less than four and one half per cent. of acetic acid be present, works two ways. While the manufacturers of vinegar who formerly put out a product containing only two or three per cent. have been compelled to raise their standards, other manufacturers who had been giving as much as six per cent. had brot their vinegar down to the standard minimum.

Prof. L. B. McMullen, of the Valley City Normal gave an interesting paper intitled "Experiments with a Bicycle Wheel." He showed a series of charts by means of which he explained how rotary motion can be illustrated by means of a bicycle wheel rim. This is a very ingenious devise and makes a very cheap and practical piece of apparatus for class and laboratory demonstration, replacing such expensive apparatus as the Atwood Machine.

Prof. Hard gave a paper on "Humidity as Related to House Sanitation," showing that one of the most important factors in both the sanitation and the economical heating of a house is largely neglected. A humidity of sixty to seventy per cent. will permit people to be comfortable at a temperature from five to ten degrees lower than the ordinary room. Living in those conditions one does not suffer so great a change when going out into the cold and moist outside air as to cause a serious shock to the physical condition. Many scientists agree that epidemics of LaGrippe and Influenza are directly traceable to rooms that are over heated and as arid as the desert.

Other papers of a more strictly technical nature were given by Prof. Doneghue on "Some Factors Influencing Nitrate Formation in Soils;" Prof. Putt on "Microchemical Tests for Determination of Alkaloids;" Prof. Stevens on "Preliminary Notes on the Bees of North Dakota;" and Prof. Dynes on "The Branching Character of Flax."

Other papers by members outside of our own faculty were given by Prof. Ruediger, "The Corrosive Action on Iron Pipe of Red Lake River Water Before and After Mechanical Filtration;" Prof. Abbott on "A New Method of Measuring the Rate of Peptic Digestion;" Prof. Williams on "Reduction of Ferric Chloride From an Etheric Solution by Electrolysis;"

Prof. Daudt on "The Effect of Ammonium Chloride upon Ferric and Aluminic Hydroxides during Ignition;" Prof. Young on "Some Recent Problems of Cellular Biology;" Prof. Taylor on "Utilization of Wind Power in North Dakota;" and by Prof. Simpson on "The Changing Levels of Devils Lake."

At 12:30 the Polytechnic Society entertained the delegates at luncheon at Ceres Hall. The meetings were presided over by Prof. L. B. McMullen, president of the Academy. A number of new members were elected, including Prof. R. C. Donehue of this institution. At the business session in the afternoon the following officers were elected.

President, Dr. L. VanEs of the A. C. Vice President, Prof. A. C. Leonard of the University; Secretary-Treasurer, Prof. G. A. Abbott of the University; Executive Committee, Prof. M. A. Brannon of the University, Dr. W. B. Bell of the A. C. and Prof. M. Johnson of the Valley City Normal.

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Respectfully,
JULIA TWEETEN.

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FARGO, NORTH DAKOTA

Prof. G. L. Martin's Engagement Announced

One of the most charming social events in the faculty circles this year was a party given by Mrs. W. B. Bell Saturday afternoon in honor of Miss Jean Watt Donaldson, at which time her announcement to Prof. George Lester Martin was announced.

Both Miss Donaldson and Prof. Martin are well known here, Miss Donaldson being a member of our efficient staff of instructors in Domestic Science while Prof. Martin is our Professor of Dairying. The students and faculty of the A. C. have watched their romance from the beginning and are glad to hear of their engagement.

Mrs. Bell has been a life long friend of Miss Donaldson and her plan of announcing the engagement was a happy one.

Eighteen invitations were issued, and when all were gathered at the hospitable home, the guests were dressed in costumes representing kitchen commodities. The Dutch Cleanser lady, the Baker's Chocolate lady and other well known characters which ordinarily grace the kitchen shelves were conspicuous, by their chic and attractive presence.

Pretty booklets were handed the ladies as they appeared in the living room, on the covers of which they were asked to draw the designs of the utensils represented, and when all the artists had laid down their brushes and palets, some very dainty drawings resulted. An appropriate sentiment was inscribed on the pages within, and when all was accomplished the pretty heart shaped booklets were used as place cards at the tea tables.

A beautiful appointed luncheon was served at the close of the afternoon, the hostess being assisted in serving by three of the senior girls,

Misses Grace Briscoe, Alma Leebly and Ella Heidner, and Mrs. Stevens.

At a convenient time a silver salver was passed on which were envelopes addressed to each of the guests and in the envelopes was found the cards of Miss Donaldson and Prof. Martin, which told the secret. The bride-to-be was presented with a handsome silver serving spoon, a gift from Professor and Mrs. Bell, in which reposed the engagement ring.

After the luncheon had been served and congratulations expressed, the hostess tied her booklet on a long ribbon, the guests following suit, with theirs and when all the booklets were strung on the ribbon, the hostess lifted it high over the head of the honor guest and dropped it around her neck, remarking that true hearts surrounded her, and suggesting that possibly the ideas contained in the booklets might assist her in selecting the needfuls for her future kitchen.

Miss Donaldson is a graduate of Columbia University and is a member of the Alpha Kappa Theta Sorority. She has many sorority sisters in Fargo and has won a host of freinds during her stay here who will give many pre-nuptial parties before she becomes a bride, in the late summer.

SOME HUMEROUS TOUCHES

"Speaking of eccentricities," said Proppeleton, "my father is an example. He has not cut his hair for the last half-dozen years."

"Indeed! His hair must be very long by this time?"

"Oh, no! The old gentlemen was bald before then."

Bacon: "I understand some of your hens have stopped laying?"

Egbert: "Two of them have."

Bacon: "What's the cause?"

Egbert: "Motor car."

Senator LaFollette spoke at the Oregon A. C. last week.

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