

THE WEEKLY SPECTRUM

Official Publication of the Student Organization.

VOL. 16. Number 1.

NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY Sept. 23, 1909.

PRICE 5 CENTS.

New Members

Added To Faculty

Rapid Growth of College Makes Number of New Profs. Necessary.

Four New Positions Created. Also a Number of Vacancies By Resignation Filled

The past summer has witnessed many changes in the Faculty and many new faces greet the returning students, also a number of former faculty men are no longer with us. Principal among those who have resigned are Profs.:—Halland, Rose, McCarthy and Chambers.

Of these Prof. Rose held the longest teaching record at the College, having begun his work as instructor in mathematics in the fall of 1899. In 1900 he was made professor of steam and experimental engineering which position he held up to the time of his resignation. In this field of work he gained unusual success and came to be a recognized authority in steam engineering throughout the country. Last spring the American Thresherman and Gas Review offered him a position as Associate Editor which he accepted. His work will be largely confined to the Gas Review.

Prof. J. G. Halland began his work at the A. C. in 1901 when he accepted the chair of History and Civil Government. Mr. Halland came to the College with a long and successful teaching record behind him and in a short time became recognized as one of the strong men of the Faculty. During the eight years that he was with the institution he handled his department with great success and also showed great interest in the organization and encouragement of student activities. At the end of the past school year, Prof. Halland resigned his position with the College to engage in real estate business. In him the Faculty lost one of its best and strongest thinkers.

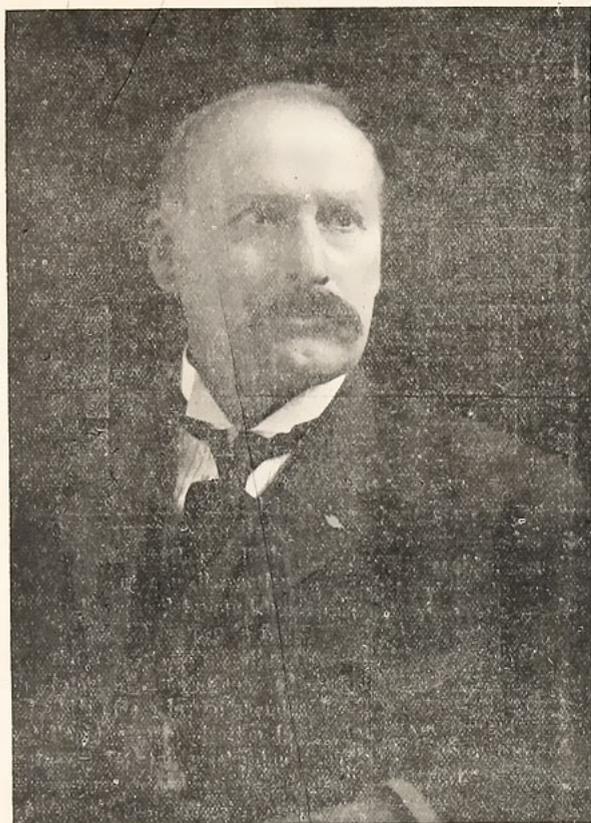
Prof. Chambers who resigned the position of Assistant in Mathematics was with the institution only one year. In this short time, however, he made a host of friends at the College and was very successful in his work as instructor.

Miss McCarty was also at the College but one year. During her stay she had charge of the Domestic Science Department where she proved herself an able instructor.

The position of coach was also left vacant by the resignation of Mr. Magoffin.

Besides filling the vacancies left by resignations the rapid growth of the institution has made it necessary to add five new members to the Faculty.

In filling the vacancies left by the above resignations and adding new instructors to the Faculty the College has been particularly successful and has engaged a strong and efficient corps of men.



Pres. J. H. Worst.

PRESIDENT WORST ADDRESSES FIRST CONVOCATION ASSEMBLY

Old Chapel Proves Too Small For Crowd that Attends First Meeting.

As has been the custom in the past, the first convocation assembly was addressed by Pres. Worst, who spoke briefly on the rules, regulations and traditions of the College. In beginning he extended a hearty welcome to all, both the old students who were returning to continue their studies and those who were here for the first time. The leading rules of the institution were then explained, such as those governing drill, recitations and decorum on the campus with such penalties as are attached to infringement of them. "Rules," he declared, however, "are not for the good student but for the one who needs assistance in doing right." Consequently no student who is careful and conscientious in his conduct need have the least anxiety.

It is natural for everyone to desire to be well thought of, and it is a most commendable ambition; therefore let every member of the student body conduct himself in such a way as will win the respect and confidence of his associates. This does not mean that the student must confine himself to study, to the exclusion of all pleasure. On the contrary it is hoped that the coming year will

To fill the chair of history and civics the board elected W. J. Trimball Ph. D. Dr. Trimball holds a long list of degrees from his B. A. at Dennison University, O., in 1900 to his Doctorate at Madison last spring. During these nine years he also gained a wide experience in teaching having held positions in the Spokane High School, State College of Washington and University of Wisconsin in turn. He is a western man, strong and forceful and is in every way well fitted for the work he has taken up.

prove a most pleasant one to every person enrolled at the College. Still the controlling aim of each should be an earnest desire that both the institution and the individual may derive benefit by their connection during the coming months. With this end in view keep your own conscience clear, maintain an honest and straight forward character, and do a full and unselfish part in all student activities.

In closing, a few examples were drawn from the life of the late Governor John A. Johnson. As the son of a poor washerwoman Johnson had no chance for an education and at the early age of thirteen assumed the responsibility of a bread-winner. Yet through all he maintained an honest, manly character and this it was that later gained such universal love and respect from his fellow men and kept him for three terms in the trusted position of Governor.

We cannot all attain the prominence of this man, but we can build as firm and honest a character and it is toward that end that we should all strive.

Exercises were closed as usual with the singing of a hymn. In the future convocation will be held in the Gymnasium as the old Chapel room is entirely too small to accommodate the students.

The man who is to fill Prof. Rose's place needs little introduction to the A. C. students. Mr. Guinness received his Bachelor's degree at the A. C. in 1907 and has since acted as assistant in the Engineering Department. His work has been highly successful and his promotion is well earned. More over his intimate knowledge of the workings of the institution make it much easier to assume his new responsibilities.

The new Professor of Domestic Science is Miss Jessie E. Hoover, a

(Continued on page 8.)

A. C. Girls Attend Geneva Conference

Pleasant and Profitable Week Is Spent By Delegates From College.

The Central Student Conference of the Young Women's Christian Association representing the states of Wisconsin, Illinois, Michigan, Indiana, Iowa, North Dakota and Minnesota, was held in the usual place at Lake Geneva, Wisconsin. This conference opened on the morning of August 29th, and was in session until Sunday evening, September 5th and was led by Miss Bertha Coude, Secretary for the Foreign department on the National Board of the Y. W. C. A. of the United States.

At this ideal gathering place five hundred and twenty-five girls were assembled representing the numerous colleges, universities and other smaller institutions of learning in our land. One hundred and two Associations were represented, seven of these from our own state.

The North Dakota delegation numbered twenty one members, 4 of whom represented the Agricultural College and were as follows: Agnes Peterson, Lucy Cockburn, Gertrude Gibbens and Jessie Thompson.

The purpose of this conference was to lead young women into the doing of God's will and the service of His love as the one satisfying mission in life.

The daily program offered six courses in Bible Study and were conducted by well informed men and women along these two lines. The courses in Bible Study were, "The Life of Christ," "The Social Teachings of Jesus," "Christian Fundamentals," "Principles of Bible Teaching," "Acts and Epistles" and "The Earlier Prophets." These classes were under the supervision of some of the leading ministers in our states today as Rev. Warren, P. Behavau and Rev. William P. Merrill, both from the city of Chicago. The six courses offered in Mission Study were, "The Uplift of China," "The Unfinished Task," "Sunrise in the Sunrise Kingdom," which treats of the work in Japan, "Christian Conquest of India," which was led by Mr. Sam Higgenbentho who has charge of a Christian College in that country. "Home Missions", led by Rev. and Mrs. Walter C. Roe who have done much in our homeland, and finally "The Problem of the City."

The afternoons were devoted to recreation of various kinds. Boating, tennis, golf, swimming and other amusements, something that would delight each and every one present. The splendid platform meetings were called at 7:45 each evening and a fine intelligent speaker was always present to deliver an address on some live topic of the day. Among the platform speakers were Bishop McCounell of Chicago and Rev. Dr. Campbell of Dayton, Ohio. The final meetings of the day were the

Many Improvements Greet Returning Students

Campus Has Been Scene of Great Activity During Summer Months.

New Buildings and Walk Built.— Woman's and Veterinary Building in Course of Construction.

The many changes on the campus and in the college buildings give evidence of busy times during the summer.

Probably the most striking improvement to the eye of the old student is the new cement walk leading up to the Main Building in place of the old brick one. In making this change the old walk was entirely removed and the new one laid in the north driveway, so that now only one carriage way is left. One of the rows of trees bordering the old walks was taken out leaving a single row between the new walk and the drive. This gives a far better view of the main building and greatly improve the appearance of the campus from the East.

The main walk has also been extended from the Mechanical Building and Francis Hall and the new Veterinary Building.

Of the new buildings on the campus, in the course of construction, the most important are the Veterinary and the Woman's Building.

The Veterinary Building, which is now nearly enclosed, is located on the main walk, facing east just north of Francis Hall. It is a two story structure 73x92 feet. The first floor will be given over to class and dissecting rooms, with a large clinic amphitheater in the North East corner. On the second floor are more class rooms and laboratories. In connection on the West is a good sized barn where animals used for demonstration purposes will be kept. The plans for this building were drawn by Haxby & Gillespy of this city and when completed it will have a most attractive appearance.

The Woman's Building fronts south and is situated east and somewhat north from the Main Building. It is much farther from completion than the Veterinary Building, the walls only being up to the second floor. It will be one of the largest structures on the campus having a frontage of 165 feet on the south and 104 feet on the east.

(Continued on page 8.)

small delegation meetings where each delegation assembled together with her chosen leader and talked over the work of the day.

A vague idea will be gathered from the bare mention of these events, but to each delegate present the conference was certainly instructive and inspiring to say the least, and with coming in contact with so many fine, learned women one would surely be filled with strength and inspiration to strive with renewed effort to do her own work in her local association. —J. M. T.

STUDENTS

The Spectrum believes Its Advertisers are Trustworthy.

PATRONIZE THEM!

A. C. and U. N. D. Once More Agree

COMMITTEES FORMULATE RULES TO GOVERN FUTURE ATHLETIC RELATION- SHIPS.

Past Disagreements Settled. The Agreement Is Now Nearly Complete And Games With U. Planned For Coming Year.

Memorandum of agreement between representatives of the N. Dak. Agricultural College and the State University.

The respective committees of the North Dakota Agricultural College and the State University make and agree upon the following rules for the government of intercollegiate athletics between the said institutions:

1. The committees are unanimously in favor of re-establishing and continuing athletic relations between the two institutions.

2. There shall be only one foot ball game each year, games to alternate between the two institutions, and the place of the first game to be determined by the athletic managers of the two institutions.

3. There shall be not to exceed two boys' basket ball games and two girls' basket ball games, and two base ball games, each year, except in case of a tie, when a third game may be played, all games to alternate and the times to be fixed by the athletic managers of the two institutions

Eligibility.

No student shall be eligible to intercollegiate games who has not been in attendance at his institution at least one term in the case of the Agricultural College and one semester in the case of the University. All players shall be bona fide students and their eligibility shall be certified to by the President or Registrar as hereinafter provided. Such students must carry at least 15 hours of work each week and maintain a passing standing in such work and must have a credit of at least 10 hours work per week at a passing standing, in the previous term or semester of his attendance.

No one shall participate in any intercollegiate sport unless he is a bona fide student, doing full work in the regular course as defined in the curriculum of his college.

No student shall be admitted to any intercollegiate contests who receives any remuneration or pay for his services on the college team.

No student shall participate in any one department of athletics for more than four seasons, and any member of a college team who plays during any part of a contest between the two institutions does thereby participate in that sport for the year.

No student shall play in any game under an assumed name.

Ten days before every intercollegiate contest, the respective chairmen of the athletic committees of the two institutions concerned shall submit to each other a certified list of the players eligible under the rules adopted to participate in such contests. In addition to this the Registrar or other competent officer of the University and the Agricultural College shall certify:

1. That the student has passed all entrance requirements.

2. That the student has passed in at least 10 hours work weekly in the preceding term or semester of his attendance.

3. That the student is carrying at least 15 hours work weekly in present semester or term, and maintaining a passing standing therein.

4. That such student has completed one full term or semester. The athletic committees of each institution shall require each candidate for a team to represent the institution in intercollegiate contests, to make a statement that he is eligible under the letter and spirit of the rules adopted.

It shall be the duty of the captains of the respective teams to exclude all players from the contests except those thus certified.

All intercollegiate games shall be played on grounds either owned by or under immediate control of one or both of the colleges participating in the contests and all intercollegiate games shall be played under student or faculty management.

The election of managers and captains of teams shall be subject to the approval of its faculty committee on athletics.

College foot ball teams shall play only with teams representing educational institutions.

Prices of admission to intercollegiate games to members of the institutions shall be upon the same basis at each institution, and the amounts agreed upon by the managers.

Board of Arbitration.

There shall be a board of Arbitration consisting of three members, one of whom shall be chosen from the Trustees of the Agricultural College and one from the Trustees of the University, and a third selected by the two other parties, who shall not be connected with either institution. Such board shall have full authority to settle all disagreements regarding rules or eligibility of players, and settle all disputes and disagreements arising out of intercollegiate games, and their decision shall be final. Said board, by unanimous consent, shall have power, upon proper application, to admit a student to membership on, either team who is otherwise qualified, but is not qualified in point of previous attendance.

The managers of athletics for the respective institutions shall provide officials for each contest, and in case of their failure to agree, they shall report that fact to the arbitration committee, and the said committee shall make the selection. The expenses of such officials shall be paid from the proceeds of the game, and in case of deficiency, the same shall be reported to the respective institutions and be borne equally.

On foot ball games, the visiting team shall be allowed \$100 for expenses, to be paid from the proceeds of the game.

In case of surplus after paying all expenses, the same shall be divided equally between the two institutions.

Base ball and basket ball games shall be arranged for by the athletic managers of the two institutions.

The committee is of the opinion that there should be an annual field meet, to be alternately held at Grand Forks and Fargo, and recommends that the managers of athletics of the two institutions make arrangements looking to that end, and report the same for consideration.

TENNIS EXPERTS MEET IN DESPERATE CONFLICT

Accumulated Rivalry of Entire Season Is Settled in FINAL MEET.

A desperate battle for the tennis championship of the college was fought on the tennis courts last Friday afternoon when Dynes and Parrott met Zeifle and Holkesvig to settle once and for all the rivalry which has been growing ever since the courts were opened last spring.

Immediately after faculty meeting the opposing factions proceeded to the courts and the game began. From the first the play was fast and furious, but strive as they would neither team could gain a decided advantage. Supper time came and went, but still they battled on with unabated vigor. At last darkness closed in upon the perspiring warriors and it was agreed to abide by the score as it stood at the time the game broke up. Both sides are very reticent as to the ultimate results of the match, but some amicable agreement must have been made, for later in the evening Holdesvig and Dynes were seen walking down Twelfth avenue together.

HEAD OF VETERINARY DEPARTMENT HONORED.

No small honor was paid this institution when soon after the close of the past school year, Dr. Van Es, head of the Veterinary Department was appointed by the Federal Government to represent the U. S. at the Hague conference of Veterinarians and Stockmen. This commission also made it necessary for the Dr. to pay official visits to Germany and Denmark in the interests of the government. One of the purposes of the conference was to harmonize, so far as possible, the meat inspection rules of Europe and America.

During the past summer the biological department has made several very useful collections. A collection of weed seeds consisting of 26 varieties common to the state, each variety mounted in a glass bottle with the botanical name attached has been completed.

Another very helpful collection is that of plant diseases. This collection consists of specimens of 20 well known plant diseases, such as Barberry rust, black rust, red rust, corn smut, flax wilt, apple blight, mildew and others. Both collections will be very helpful to teachers in agricultural, rural and high schools. They are known as "Teachers' Aids in Agricultural Botany," and may be secured from H. L. Bolly, dean of the department of biology.

The visitations of Dr. Stork as reported at the Spectrum office are of late very numerous. Prof. and Mrs. Sudro being made the recipient of a charming baby girl, Prof. and Mrs. Minard a bouncing boy, while Prof. and Mrs. Donahue received a baby girl.

LOST

On or near the tennis courts on the campus: A Sigma Nu fraternity pin. The pin is a five armed cross with a coiled serpent in the center. It has the name Hugh Remington engraved on the back. A liberal reward will be given for its return to Prof. Remington at the college.

R. H. Morrow

Phone 26

619 Second Ave. N.

Wholesale and Retail Dealer in

**Dairy and Creamery Products, Eggs, Cheese,
Pure sweet Milk and Cream.**

Bottled and delivered to any part of Fargo and Moorhead

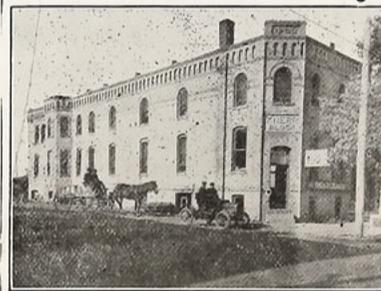
S. Birch, Pres. A. Birch, Vice Pres., Fred Birch Sec'y Treas.

S. Birch & Sons Construction Company

Incorporated under the Laws of Utah.

GENERAL AND REINFORCED CONCRETE CONSTRUCTION

Offices: Salt Lake City, Utah, Fargo, N. Dak., Bozeman, Mont.



The Knerr Creamery

Pays the Highest Cash Price for Cream

PROMPT RETURNS A SPECIALTY

Write Today for Shipping Tags and Information

The Knerr Creamery

Fargo, N. Dak. The largest and most modern creamery building in N. D.

Fargo Plumbing & Heating Company,

Plumbing, Heating and Electrical Contractors.
No. 112 Broadway

We designed and constructed the

Central Vacuum Steam Heating Plant

heating all the buildings on the College grounds.

Write us for information on anything in our line.

Fargo,

North Dakota.

Steinway Piano

Pianola Pianos

EVERYTHING KNOWN IN MUSIC

Stone Piano Company,

Established 1894

Fargo, N. Dak.

Grand Forks, N. D.

SHIP YOUR CREAM

to The FRANK O. KNERR DAIRY COMPANY,
WHOLESALE AND RETAIL CREAMERY

Cash Paid For Cream and New Laid Eggs.

Our Special O. K. Brand Creamery Butter is always in demand which makes it possible for us to pay the top notch price for cream. We specialize in New laid Eggs. Write to us for tags and quotations.

No. 7, 8th Street So.,

Fargo, N. D.

If you wish to buy, sell or rent a
FARM OR FARGO PROPERTY

call on or address

H. P. LOUGH

Room 4 Fargo National Bank Block,

Fargo, N. Dak.

GO TO GEORGE PIRIE

His Chocolates and Bon-Bons are the Best. Try his Hot Drinks and Dainty Sandwiches.

POLITE VAUDEVILLE AT
THE GRAND
Matinee Prices 10—20c every Af-
ternoon and Evening
Evening 10—20—30c

C. E. GREEN
Dealer in Fresh and Salt
MEATS
Poultry, Fish and Oysters in
Season
Phone 51-1.
No. 105 Broadway, Fargo, N. D.

FARGO SEED HOUSE
—Write Us—
Fargo, N. Dak.

**VIKING HOTEL & RESTAU-
RANT**
Lindvig & Losness, Proprietors
420 Broadway, Fargo, N. D.

FOUT & PORTERFIELD
Druggists
The Leading Drug Store in N. D.

Bijou
THEATRE & PENNY ARCADE
Fargo's Refined and High Class
Automatic, Dramatic and
Vaudeville Theatre
Performances — 2:30, 3:30, 7:30,
8:30, 9:30 each day.
Entire change of program Monday
and Thursday.
ADMISSION 10c
Children 5c Afternoons

DIXON
LAUNDRY
307 Broadway Phone 666

COWIE
The Barber
—Haircutting a Specialty—
Under Northern Trust Co.

SHOTWELL FLORAL CO.
Everything in Cut Flowers, Plants
Gold Fish, etc.
Send for Catalogue
Fargo, N. D.

A. J. BROWN CO.
Interior Decorating, Painting, Ex-
clusive Imported and Domestic
Wall Hangings.
620 2nd Ave. N. Fargo, N. D.

"ELMORETO"
A Ten Cent Cigar for 5c.
Ferris, Grady & Reineke,
Fargo, N. D.

FARGO LUMBER COMPANY
Lumber, Lath & Shingles.
Sand, Gravel, Cement and Plaster.
Mill Work of all Kinds.
122 N. P. Ave. Phone 243
Fargo N. D.

FARGO CITY PROPERTY for
sale and rent. Money to Loan on
City Property. Fire Insurance.
W. J. LANE,
Over First National Bank,
Fargo, N. D.

SCOTT HALL
Depenable Footwear
Fargo, N. D.

**IMPORTANT IMPROVEMENTS
FOR CHEMICAL BUILDING**
New Laboratory Is Planned for
Veterinary and Pharm-
acy Men.

Among the other improve-
ments of the year will be the new
laboratory that Prof. Ladd pro-
poses to erect between the two
north wings of the old building.
The roof will be entirely of glass
and it will be reared two stories
in height, on a level with its fel-
lows. This laboratory is pro-
posed to be used in the main by
the students in the Veterinary de-
partment, and the short course
Pharmacy men. For the conveni-
ence of Prof. White, who will
have charge of these laboratory
divisions, a door will be cut into
the Physiological laboratory, af-
fordng easy access from one to
the other. Of those windows
opening into the proposed lab.
from each of the two present
wings the lower portions will be
glazed to prevent any distraction
that might be caused by students
working in one laboratory in full
sight of the students in the other.

The interior decorations of
Prof. Ladd's offices in the chemi-
cal building are an nspiration in
themselves. For two weeks dur-
ing the summer decorators were
kept busy and the offices were
thoroughly renovated. The walls
of the outer rooms were burlaped
with very dark red material,
while the inner walls were cov-
ered with green. The steel ceil-
ings of both inner and outer were
made resplendent with white
enamel, toned down at the edges
with red to harmonize with the
walls.

**FIRST MILITARY APPOINT-
MENTS MADE.**
At Least Two New Commissions
To Be Granted.

The opening of the new Manual
Training High School course has
to some extent retarded the pro-
gress of military drill, owing to
the fact that the first year men in
this course are exempt therefrom.
However contrary to Major Uilo's
expectations, there are a greater
number coming that he had antici-
pated.

Among those of the old students
who have returned are: Adjutant
W. B. Neal who will assume the
same duties as he had last year,
Clarence Waldron who will re-
ceive a Lieutenantcy, and Frank
Peters who will probably be made
First Sergeant. Mr. Williamson,
for the past three years a student
at Shattuck, bids fair to land a
Lieutenantcy also.

From the list of plays which
are booked for Fargo this season,
it seems that students who are
interested in dramatic art will
have unusual opportunities of
seeing some of the best actors of
the day. Among those who will
appear in the city during the
coming season are: Blanche Bates
in The Fighting Hope; David
Warfield in the Music Master
and The Grand Army Man; Billy
Burk, the youngest star on the
American stage; Olga Nethersole,
W. H. Crane, Grace George, Ro-
bert Mantell and Otis Skinner.
All these are man and women
who have had no small share in
making the stage a refining and
educational influence in society.
Such plays as those in which the
above players are seen are well
worth a critical study, particular-
ly from the forensic standpoint.

**NEW GEOLOGICAL
SUBJECT OFFERED.**
Prof. Willard Adds Course In
Geology Of Soils For
Agricultural Sr's.

Prof Willard has made a most
valuable addition to the geologic-
al subjects offered by establishing
a course in advanced Soil Geol-
ogy. This subject will be open to
those in the Agricultural course
and will be considered from a
purely college standpoint. Among
the topics which will be consider-
ed will be origin, formation,
structure and textures of soils; al-
so their characteristics as to fer-
tility, drainage and adaptability
to various crops. The study of
soil geology as here outlined has
only recently come to be recogniz-
ed as a college subject, and A. C.
shows its progressive spirit by be-
ing one of the first to offer work
along that line. It is anticipated
that this will do much to
bring about a more definite con-
nection between Geological and
agricultural problems and with
this end in view, the new course
will be watched with great inter-
est.

**CONVENTION REPORTS
AT FIRST MEETING**

**Polytechnic Society Plans Inter-
esting Opening Session**

One of the first societies to re-
organize after the summer vaca-
tion was the Polytechnic Society
which now starts on its second year
with plans for even a better series
of meetings than those of last
year. The first meeting will be
held on Wednesday, Sept. 29, at
8 p. m., in the regular meeting
place on the third floor of the
Chemical Building. The program
will consist entirely of reports on
the various scientific conventions
which have been attended by mem-
bers of the society during the sum-
mer. The British Academy of
Science which met at Winnipeg,
will be reported by Profs. Bolley
and Beckwith. The proceedings
of the American Chemical Society
at Detroit will be discussed by Dr.
Abbott, while Dean Ladd and
Prof. White will report on the
Pure Food convention at Denver.
Agricultural interests will be re-
presented by Dean Shepperd with
a report of the Dry Farming Con-
vention at Cheyenne, Wyoming.

As it starts on its second year
of activity the Polytechnic Soci-
ety represents a recognized and
powerful factor in college affairs.
Nearly a year ago it was organ-
ized for the purpose of discussing
the many phases of science which
are taught in this institution and
to attempt to harmonize and con-
nect the various branches as ap-
plied to practical problems. At
first the membership was confin-
ed to a few members of the fac-
ulty, but from the very first the
meetings proved so valuable and
interesting, that in a short time
the entire faculty and many sci-
entific investigators from neigh-
boring institutions were enrolled
as active members. Meetings were
held on alternate Wednesdays at
which various subjects of scienti-
fic interest were discussed and
lectures given. These meetings
are open to the public and a
special invitation is extended to
A. C. students and faculty mem-
bers. One of the original aims of
the society was to hold meetings
which would be of value to stud-
ents as well as more advanced in-
vestigators. The meetings were
well attended last year and it is

Dr. A. J. Kaess
608 Front Street - - Fargo, N. D.
hoped that those of the coming
year will show a still larger num-
ber of regular attendants.

**DR. VAN ES NOW
ON WAY HOME**

Last week Pres. Worst receiv-
ed a card postmarked, Paris,
which proved to be from Dr. Van
Es, who has spent the greater
part of the summer in Europe.
The card brought many pleasant
memories to its recipient as it was
written from a seat in the Bourse
opposite the Venus de Milo; a spot
which had been a favorite resting
place with Pres. Worst and Dr.
Van Es on their European trip
two years ago. The doctor stated
that he would probably leave Eu-
rope for the United States on
September 25th.

NOTICE.
The Engineers will hold a busi-
ness meeting on Thursday, Sept.
30. All members are urged to
be present at 4:30 p. m.

NOTICE.
All students interested in any
line of public speaking or dra-
matics should see Prof. Arvold,
room N, Main building, within
the next week.

During the summer Profs. Ar-
vold and Richards joined the
ranks of the married men of the
faculty.

Prof. Arvold made an exten-
sive honeymoon tour thru the south
where he combined business with
pleasure by writing a number
of magazine articles on social and
economic conditions as he found
them in the Southern states.

On their arrival in Fargo the
first of the week Mr. and Mrs.
Arvold stopped temporarily at
the Gardner, but have since
moved into the furnished home
of J. G. Haggart, 910 Broadway.

Prof. Richards was married to
Miss Lockerby, a graduate of the
Minnesota University, who was
for some time a stenographer in
President Worst's office. After
a short visit to Prof. Richards'
old home in Wisconsin, the young
couple returned to Fargo and
took up their residence at their
new home on Eleventh avenue
north.



W.G.&B.
CLOTHES
THE GUARANTEED
KIND
Eggen Clo. Co.
Kuppenheimer Fine
Clothing
CROSSETT SHOES
Special Discounts to Students.
520 Front Street, Fargo, N. D.

M. L. Lanson,
Tailor
Gardner Hotel Block.

Physicians and Surgeons.
F. J. CAMPBELL, M. D.
Practice limited to diseases of woman.
Genito-Urinary and Skin diseases. Office
hours: 10-12 and 3-5. Over McDonald
Drug Store, Front Str. Phone 729
Front St. - Phone 729

Drs SORKNESS & CARPENTER
Physicians and Surgeons.
Edwards Bldg., - Fargo, N. D.

DR. E. E. BASYE
Osteopath (Fargo Infirmary)
101 Eighth Street South.
Phone 853 Fargo, N. D.

OCULISTS AND AURISTS.
Dr. F. H. Bailey
Dr. Kachelmacher, Norsk Læge
Specialists
Eye, Ear, Nose & Throat.
Fargo, N. D.
J. H. Rindlaub, M. D. Elizabeth Rind-
laub, M. D. Martin P. Rindlaub M. D.
Drs. Rindlaub
SPECIALISTS
Eye, Ear, Nose and Throat
deLendrecie Block, opposite N. P. depot,
Fargo, North Dakota

Dr. J. W. Campbell
Specialist, Eye, Ear, Nose, Throat.
Edwards Bldg. - - - Fargo, N. D.

James Waite Vidal, M. D.,
Physician and Surgeon.
Edwards Block, Fargo, N. D.

Drs. Darrow & Weible,
Physicians and Surgeons
DeLendrecie Bldg., Fargo, N. D.

DRS. SAND & TRONNES, 10 Broad-
way, Fargo, N. D.

DR. W. E. HELLER, Commercial
Bank Block, 604 Front Street.

DR. F. A. BRICKER 61 Broadway
Fargo, N. D.

DR. J. L. SAVAGE, Physician,
606 1/2 Front Str., Fargo, N. D.

DENTISTS

Albert Hallenberg, D. D. S.
Dentist
Suite 1-2-3, Morris Block. Phones, Office,
123L; residence, 123K.

Dr. F. E. Ball **Dr. J. L. Gra**
Dr. John R. Cromb
Dentists
Rooms 8-12, 1st National Bank Block.
Telephone 363-L

Dr. E. McCarten
Dentist
de Lendrecie Bld. - Phone 803L
Fargo, - - - - - N. D.

DR. H. L. STARLING
Dentist
Office: Room 5 De Lendrecie Bld.
Fargo, - - - - - N. D.

Davenport & Christianson.
Dentists
Over Northern Trust Co. Phone 667
62 Broadway. - - - Fargo, N. D.

Dr. J. E. Frenette,
Dentist.
Offices 12 and 13 Huntington Block
102 Broadway. Fargo, N. D.

Dr. Frank W. Chandler,
Dentist
No. 5 Broadway. Fargo, N. D.

DR. H. C. GREEN, Dentist, No. 10
Broadway, Fargo, N. D.

ROBT. M. POLLOCK, Stern Bldg.
Fargo, N. D.

LAWYERS

Stambough & Fowler
Attorneys at Law
16 Broadway, - - - Fargo, N. D.

S. G. ROBERTS
Attorney at Law
Henderson Bld., Fargo, N. D.

M. A. Hildreth
Lawyer
Loan Savings Bld. - - Fargo, N. D.

TAYLOR CRUM, No. 10 Broadway,
Fargo, N. D.

TURNER & LEWIS, Fargo, N. D.



THE WEEKLY SPECTRUM

Published every Tuesday of the school year by the students of the North Dakota Agricultural College, at Ulsaker Bros., 207 Broadway, Fargo, N. D.

J. Allen Clark, Publisher

Entered as second class matter September 28, 1907, at the post-office at Agricultural College, N. D., under Act of Congress of March 3, 1879.

TERMS.

One year in advance\$1.00
One year in arrears\$1.25
One term 50
Single copies 05

Editorial Staff.

LeRoy D. Gifford.....Editor
Henry Reddy .. Associate Editor
Earle B. Hunt .. Associate Editor
J. Allen Clark Business Mgr'r.

EDITORIAL

With the official opening of the fall term at the A. C. on Wednesday of last week the College entered on the nineteenth year of its existence and it may well feel proud of the growth it has attained in these few years. From an enrollment of less than a score of students and these below college grade, the number has grown to several hundred annually who are distributed among thirteen full college courses. Eighteen years ago the college boasted but one building, the old Administration building. Today there are eleven large buildings on the campus with two more in process of construction.

All this goes to show that the spirit of the institution has ever been one of progress. Each fall has seen an increased enrollment, better equipment, and larger Faculty, while the student body has shown a steady improvement in scholarship and college spirit.

We are now just starting on the year of 1909-10 and it is for the students now at the institution to see that so far as they are concerned the progressive spirit of past years is maintained. The state, the board of trustees and the faculty have already done their part by furnishing new buildings, new courses of study and better equipment. Let it now be the earnest aim of every student both old and new to do his or her share in making the coming school year the most successful in the history of the institution. Let us maintain a uniformly good grade of scholarship and in all student activities be funded by the best interests of our Alma Mater.

We print in this issue of the Spectrum a full list of the proposed rules to govern future athletic relations between the A. C. and the State University. These rules are the result of negotiations which have been in progress for some time between the trustees and faculties of the two institutions and while the agreement is still incomplete in some details there is now little doubt but athletic relations will once more be opened.

WE'RE HERE

With the snappiest and most up-to-date line of clothing in Fargo. Also a complete line of furnishing goods and shoes. We are agents for Pioneer Factory Hats.

THE HUB CLOTHING COMPANY,

508 Front Street,

Fargo, N. D.

This is a step of which we most heartily approve. While a keen spirit of rivalry has always existed and very properly should exist between the two institutions there has been nothing to warrant a continuation of the non-intercourse policy which has been maintained for the past two years. It seems particularly desirable that the two leading educational institutions of the state should be on friendly terms and the forming of the athletic rules to govern future contests is intended to prevent further misunderstanding. The students of the A. C. are looking forward to the renewal of athletic relations with the University with great interest and we feel sure that the Spectrum voices the sentiments of both the students and faculty in hoping that the best of feeling may exist between the two institutions henceforward.

CHEMISTRY CONSTANTLY BECOMING MORE IMPORTANT

American Chemistry Society, For Advancement of that Science Meets in Detroit This Year.

Chemistry enters so intimately and yet unobtrusively into every phase of modern life and thought that it is hardly possible to estimate in any adequate degree the absolute dependence of the community upon the work of chemists. Some one has said that industrial revolutions are seldom chronicled and more rarely celebrated, tho their influence upon the welfare and mankind may be as profound as that of other revolutions the records of which are traced in blood. Few indeed of the industries upon which the prosperity of the country and the comfort and well-being of its inhabitants depend have not been revolutionized within our own memory. No one acquainted with the facts can doubt that our industrial salvation must come from a closer alliance of scientific workers with each other and with the men of industry. Such co-operation is most intimate in Germany, as we are beginning to realize, and its results are seen throughout the world in the marvelous expansion of German industry and trade. This co-operation is also seen to a lesser degree in England, France and other foreign countries, but in America our natural resources have been so abundant that we have only recently developed economical methods as we foresee the exhaustion of many of these former resources, such as fuel, lumber and soil fertility. The fact that material progress is based upon science seems to be but dimly understood. Most people ascribe our present advantages to the inventor, but the public should be led to see that application can never run ahead of the principle to be applied, and that the only way to make real progress is to further develop pure science. A country that produces many in-

vestigators will have many inventors, also, or, as some one has put it, "Where science is there will its byproduct technology be also."

The American Chemical Society is composed of about 32 local sections which usually meet monthly, and are represented by one or more delegates in the Council of the National Society. The general society is further organized for convenience into a number of Divisions. At present there are the Divisions of Agricultural and Food chemistry, Industrial Chemists and Chemical Engineers, Organic Chemistry, Physical and Inorganic Chemistry. Besides these Divisions there are the Sections of Biological Chemistry, Fertilizer Chemistry, and Pharmaceutical Chemistry.

At the Detroit meeting last June about 165 papers were offered in the various sectional meetings, covering the greatest variety of chemical investigation, but in spite of their lengthy program the chemists found time for social pleasure, deriving the greatest benefit from the personal acquaintance and good fellowship. Men

The O. J. deLendrecie Co.

Did You See the Latest?

The Co-Ed Dress

The new athletic Dress-Mode Suit. Your College colors and initials. We invite inspection and a visit to our large ready-to-wear for young women.

DAKOTA BUSINESS COLLEGE

A modern school. 600 pupils, 400 positions filled last year.

Full course in Actual Business, Bookkeeping, Penmanship, Short-hand, Banking.

Pupils may enter any day. Personal instruction. For further information address F. L. WATKINS, Fargo, N. Dak.

from the most remote sections of the country are thus enabled to meet each other and receive mutual inspiration in their work. The social side of the meetings is made a special feature to relieve the tiresome monotony of business routine and formal papers. In this way the American Chemical Society stimulates its members in their life work, tends to extend their ideas beyond the narrow confines of their particular sphere, and fosters good fellowship and that fraternal feeling which is such a potent factor in the development of pure science as well as its application in the industries.

G. A. A.

Minnesota is determined to have a water polo team this year.—Ex.

The North Dakota Agricultural College

FOR COMPLETENESS OF EQUIPMENT AND FACILITIES FOR INSTRUCTION IS UNSURPASSED IN THE NORTHWEST :

The College Department offers Nine full Courses viz:

AGRICULTURE
BIOLOGY
DOMESTIC SCIENCE
EDUCATION

CIVIL ENGINEERING
MECHANICAL ENGINEERING
GENERAL SCIENCE
PHARMACEUTICAL CHEMISTRY
VETERINARY SCIENCE

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 AGRICULTURAL AND MANUAL TRAINING HIGH SCHOOL offers complete secondary courses in:—

AGRICULTURE
COMMERCE
DOMESTIC SCIENCE

ENGINEERING AND MANUAL TRAINING
GENERAL SCIENCE
RURAL TEACHERS' TRAINING

These courses all fit fully for college entrance

Special Courses:

PHARMACY
DOMESTIC SCIENCE

COMMERCE
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 secondary schools.

TUITION FREE—Board and Room, \$3.75 to \$5.00 per Week.

For Catalogs and Circulars Address the Registrar

AGRICULTURAL COLLEGE

NORTH DAKOTA

YOU'LL find when you come to look up the question of your new suits for fall and winter wear, that Hart Schaffner & Marx

have produced for us a very special line of unusually beautiful clothes. You will find no other such clothes in the market as we are able to show you; you may do all the looking around that you like; if you want the best your money can buy you must come to us; and you'll come in the end.

As soon as you're ready we want to show you some of the beautiful fancy weaves we have here in suits; and the fine blue serges; foreign and American cloths, rich in color and pattern.

Suits \$20 to \$35 Overcoats \$16.50 to \$35.

This Store is the Home of Hart Schaffner & Marx Clothes.

J. F. Holmes & Co.

101-102 Broadway, Fargo, N. Dak.

Are You Going ..to Furnish a..

H O M E

If so, here is the only place where Highest quality and Lowest prices go Hand in Hand.



109-111 Broadway, Fargo, N. D.

THE PANTORIUM
F. Rockwell, Prop.

Fashionable Cleaners. Clothing cleaned, pressed and repaired. 621 N. P. Ave., Fargo, Phone 658.

Ulsaker Bros. Printers

We will be pleased to do your printing and we believe we can save you money.

At the place where the Spectrum is printed.
207 Broadway, Fargo, N. D.

FALL TERM. MILITARY ORDERS.

Military Department, North Dakota Agricultural College.
(September 20, 1909.)

ORDERRS.

No. 1. All male students enrolled during present fall term will attend drill except as follows, viz:—

- a. All who have drilled six full terms.
- b. Physically unfit and undersized
- c. The usual number for foot and basketball teams.
- d. Members of the Cadet Band. First Band only.
- e. Agricultural and Manual Training High School students for the first year.

Drills, Band Practice, Recitations for Freshmen, Target or Gallery Practice will be as follows, viz:—

- Drills—Monday, Tuesday and Wednesday of each week.
- Band Practice—Monday Wednesday, and Friday of each week.
- School for Officers and Non-Commissioned Officers—Thursday of each week.
- Target Practice or Gallery Practice—every Friday during the months of October and November. Practice is compulsory for all cadets in the Military Department, and will commence at 8 a. m.

Wednesday's drill hour of each week will be for Company Inspection, Parade and Review. The Cadet Band will attend and play Tuesday, three-thirty at Drill The Star Spangled Banner.

Drills, Band Practice, School for Officers and N. C. O. will commence at 3:30 p. m., unless otherwise ordered

Recitations for Freshmen—four days each week, commencing with Tuesday, three-thirty, at Drill Hall.

II. Uniform will be worn on all occasions of Military duty and will consist of the following articles, viz:—one blouse, one pair of trousers, of cadet gray cloth, one cap of dark blue cloth, two white standing collars, and two pairs white gloves.

All cadets in the Military Department must be neat and clean in their personal appearance.

III. Salutes—All male students are required to salute all officers of the College while on the campus. The salute is with the hand farthest from the person saluted. The salute is always returned with the right hand; left only is used when right is engaged.

JAMES ULIO,
Major, U. S. Army.

—Prof. Mil. Science and Tactics. Approved,
President of the College.
J. H. WORST,

JOINT RECEPTION IS GREAT SUCCESS

Y. M. & Y. W. C. A. Entertain Large Crowd at Francis Hall Saturday Evening.

The first social event of the year occurred Saturday evening when the Y. M. & Y. W. C. A. held a joint reception in Francis Hall. The reception was held for the special benefit of new students and was largely attended by both new and old. The guests began to arrive at eight and in a short time the rooms were crowded. After the usual introductions a number of contests took place. One of these which was of special interest, consisted in the guessing of a number of popular airs as they were played on the piano. Each guest was given a sheet of paper and as parts of the different tunes were played wrote down the name. A large number of correct lists were handed in for this contest. At ten dainty refreshments were served after which the gathering broke up with the singing of a number of college songs. In one respect this reception differed largely from those of past years. Instead of the gentlemen being in the majority as on so many previous occasions, the ladies outnumbered them two to one. In every respect the reception was a decided success and great credit is due the committees from both associations who had charge of the various phases of the entertainment.

DEAN LADD TAKES WESTERN TRIP

Makes Extensive Tour Of Western States, Visits Seattle Exposition.

During the summer vacation Prof. Ladd spent part of his time on an extensive trip, staying several days at Seattle enjoying the Fair and from there to Portland to attend the meetings of the "Association of Agricultural Colleges and Experiment Stations of the United States," to which he was a delegate. The meeting was largely attended considering the fact that it was held so far West and was the most interesting and important in the history of the association. At this same time and in this same city was held the annual meeting of the Farmers' Institute Workers of the United States, which he also attended.

From Portland he journeyed to Denver, where he attended the meeting of the State and National Food and Dairy Departments. Here also there was in session at this time a meeting of the Official Agricultural Chemistry of which he was not only a member of the Executive Committee, but a member of the Referee oBard on Food and Drug products as well.

After these busy sessions were over, he spent a two day sojourn at Maniton Springs, visiting the

An Opportunity (GRAB IT)

And save money by purchasing all your college supplies at

THE Bookstore

College Pennants, Pins Pillows, Stationery, Uniforms and Drawing Instruments

The best assortment of everything in this line.

A. G. BOOKSTORE

Main Building Opposite Postoffice

Have You Thought of an **ELECTRIC CHAFING DISH** FOR MIDNIGHT LUNCHES

- If a co-ed, how about an Electric Curling Iron or Flat Iron?
- Curling Iron Heater \$2.00
 - Chafing Dish \$9.00
 - Flat Iron \$4.00 and \$4.50

A very new Iron.

UNION LIGHT, HEAT & POWER COMPANY.

ALEX STERN & COMPANY,

Edwards Building, Corner Broadway and N. P. Ave.

Headquarters for

FINE MEN'S CLOTHING and BOYS' WEARING APPEAL.

Agents for

College and Society Clothing, W. L. Douglass, Burt N Packard Florsheim Shoes.

We carry the largest line of

Fur and Fur Lined Overcoats in the Northwest.

BERGSTROM & CROWE FURNITURE CO.

COMPLETE HOUSE FURNISHERS

Furniture, Stoves, Ranges, Carpets, Rugs, Draperies and Tineware.

"YOUR CREDIT IS GOOD"

121-123 Broadway,

Fargo, N. D.

Garden of the Gods, William's Canyon and other places of interest, making a trip by rail to Silver Plum and the summit of Mount McClellan, one of the most beautiful spots on the continent and only a hundred feet lower in altitude than Pike's Peak. The railroad construction that reaches the summit of this mountain is a most remarkable feat of engineering construction. He returned to Fargo about Sept. first, having been away for three weeks.

"A kick is too good a thing to waste. Don't kick all of the time, but when you do kick, kick hard."—Ex.

Prof. Zieffe spent his summer vacation at his old home at Ann Arbor, in the main he reports a very enjoyable time, however the latter part of his sojourn was somewhat darkened by the illness of his mother. The Spectrum joins with his many friends in the hope of her speedy recovery.

A Heart-Breaking Job.

"What's making Swubbs look so wretchedly careworn the last few weeks?"

"Oh, he won a dollar prize in a joke contest three months since, he's trying to incubate another side-splitter."—Ex.



Society Brand

Society Brand

Original Styles for the Young College Chap. They are superior in style, fit and workmanship above any other make.

The Palace

THE YOUNG MEN'S STORE
Stern & Field.

Corner Front and 4th Streets Moorhead, Minn.

**Custom Tailored Suits to
fit for
\$20 til \$35**

COLEMANS TOGGERY SHOP,
610 1st Ave. N. Fargo, N. Dak.

Glass Of '09 Doing Well

**Last Spring's Graduates Are
Gaining Success In
Many Fields.**

The following is a partial list of the positions held by the members of the class of '09:—

Wm. Lanxon, graduate of the agricultural course is principal of the department of agriculture in the High School at Alexandria, Minn. This High School was one of the eight Minnesota schools to receive state aid and an experimental farm. Mr. Lanxon has instituted a full High School course in agriculture as well as a short course. He also has charge of the experimental farm, which is run in connection.

Dave Moore, graduate from the mechanical Engineering course, is principal of the Larimore high school. Mr. Moore has charge of the classes in manual training, chemistry, and physics.

Margaret Magill, graduate of the General Science course, holds the position of Principal in the Kenmare high school. Miss Magill teaches Manual Training and Domestic Science.

Albert Thomas, agricultural graduate, has entered into business with his father in Ashland, Oregon.

Ross Babeock, General Science graduate, holds a position with the Standard Oil Co. of this city.

Wm. Whitcomb, graduate in agriculture, has a position with the sub-experiment station at Williston, N. D.

Burke Crichfield, agricultural graduate, is assistant in the department of Veterinary at this College, as well as inspector for the North Dakota Breeders' Association.

Hugh J. Hughes, Agricultural, now has charge of the work in Journalism at the College.

Leo P. Nemzek, industrial chemistry, is employed in the department of chemistry, as assistant in paint analysis.

Clarence Plath, agricultural, holds the position of assistant in plant breeding at the Edgeley experiment sub-station.

Evan Hall, agricultural, is engaged in the Indian service in the western part of the state.

Victor C. Parker, mechanical engineering, has a position with E. J. Harrington, installing electric light plants.

Kent Darrow, physiological chemistry, who recently returned from Europe, soon leaves for Johns Hopkins university, where he expects to enter the medical department.

Chas. Mickels, agricultural, holds the position of principal in the Fergus Falls high school.

Malvin Baernstien, pharmaceutical chemistry, is engaged in business with his father.

Levi Thomas, agricultural, is assistant in the government baking laboratory at the college.

John Magill, C. E., owing to poor health, spent the summer at his home at Verona, N. D., and has not yet taken definite steps toward securing a position.

Maltilda Thompson, general science, holds a position in the high school at Nashwauk, Minn., as instructor in domestic science, mathematics and English.

PROF. WILLARD AT IRRIGATION CONGRESS

**Represents N. D. at Interesting
Session of Reclamation
Workers.**

The Seventeenth session of the national irrigation congress held in Spokane, Wash., has passed into history as the most successful of gatherings since the inception of the organization. Over 200 delegates participated in the several sessions. Large numbers of tourists traveling to the Alaska-Yukon-Pacific exposition, remained a day or two to attend the congress and learn the details of irrigation work. It is claimed by prominent irrigators who attended that there was more interest exhibited in the cause of irrigation than ever before and that lasting results must be obtained. Through the untiring efforts of the Board of Control various features of entertainment had been planned and in their execution excited the interest and amusement of visitors in the parades both visitors and citizens of Spokane joined to present a picturesque pageant and to excite enthusiasm in the cause of irrigation.

Nearly every state in the union was represented by delegations and because of the wide spread interest thus created caused much comment from local papers. Of interest to those who were seeking information as to irrigation methods were displays and demonstrations of the various plans by which water may be spread upon arid lands. For the practical irrigator the addresses discussions and illustrated lectures proved of great value. Musical organizations presented frequent numbers and programs for each session were arranged with a view to prevent loss of interest and decreased attendance.

D. E. Willard, Geologist of the N. D. A. C., was appointed by the Governor as delegate from N. D. to this congress. Prof. Willard favorably mentions the work of the irrigation congress. His impressions of the west were very favorable but N. D. has the advantage over all western states especially in regard to the laboring classes.

New girls (and old ones as well) are advised to smile sweetly on the wearers of the silver rose, for it is reported that the Delta Phi Beta Sorority is on the lookout for good material for prospective candidates.

A. C. SENDS DELEGATES TO DENVER

**Pres. Worst, Dean Ladd and Prof. White Represent College
At National Convention.**

The Thirteenth Annual Convention of State and National Food and Dairy Departments was held in Denver, Colo., Aug. 24—27. This convention meets yearly to discuss matters pertaining to food legislation such as the enforcement of food laws, uniformity in food laws, standards for food products, etc. At this year's convention, while it had an interesting program arranged, the chief interest was in regard to the endorsement by the convention of the Remsen Referee Board's report, which, as is well known, indicates that sodium benzoate in considerable quantities may be used in foods without harmful effect. Many food officials do not agree with the findings or accept the conclusions of the Remsen Board, and a bitter struggle ensued between the "Benzoates" and the "Anti-Benzoates" over the question of endorsing the Board's report, and also over the election of officers for the coming year. The "Benzoates" obtained the endorsement of the Boards report by a vote of 57 to 42, but in the election of officers the "Anti-Benzoates" developed unexpected strength and filled several important positions. Among the speakers were the Hon. James Wilson, Secretary of Agriculture; Dr. H. W. Wiley; Food Commissioners Barnard of Indiana and Ladd of North Dakota; W. M. Judson, Pres. of the National Wholesale Grocers' Association and Drs. Remsen, Chittenden, Long, Herter, Reed and Lucas.

The Association of Official Chemists met in Denver, Aug. 26—28, having headquarters at the same hotel as the Dairy and Food Convention. This meeting which is held yearly, has as its purpose the improvement of the various analytical methods used by the chemists of the State Experiment Stations and of the Bureau of Chemistry of the United States Department of Agriculture. The attendance at this meeting was rather smaller than usual owing to the attractions of the Food Commissioners Convention which was in session on the same floor of the hotel.

The Denver Chamber of Commerce and the Colorado State Dairy and Food Officials, with characteristic western enterprise and hospitality, gave the delegates a trip to the top of Mt. McClellan (1400 feet above sea level), an automobile ride around Denver and a complimentary banquet at Lakeside Park, all of which were thoroughly enjoyed.

This College and Station were represented at Denver by Pres. Worst, Prof. Ladd and H. L. White.

Contemporaneous with the arrival of Mr. Ruziaka, last week, "Pete" Olson also dropped in on his friends, a walking personification of our Great Western Way, bearing out the truth of the antiquated proverb that "Necessity is the Mother of Invention," by wearing the skin of a rattler for a belt.

Student—"Sir, my Bunsen burner has gone out."

Professor—"Well, light it again."

Student—"Please, sir, it's gone out thru the roof."—Ex.

HISTORY REPEATS ITSELF BEWARE OF INEVITABLE

Once upon a time a man who was too economical to take a college paper, sent his little boy to borrow the copy taken by his neighbor. In his haste the boy ran over a \$4 stand of bees and in ten minutes looked like a watery summer squash.

His cries reached his father, who ran to his assistance, and failing to see a barbed wire fence, ran into it, breaking it down, cutting a handful of flesh from his anatomy and ruining a \$4 pair of pants.

The old cow took advantage of the gap in the fence, got into the cornfield and killed herself eating green corn. Hearing the racket, his wife ran, upsetting a four-gallon churn full of rich cream into a basket of kittens, drowning the whole flock. In her hurry she dropped a \$7 set of teeth.

The baby, left alone, crawled through the spilled cream, then into the parlor, and ruined a \$20 carpet. During the excitement the oldest daughter ran away with the hired man, the calves got out and the dog broke up eleven setting hens.

Moral—Subscribe now.—Ex.

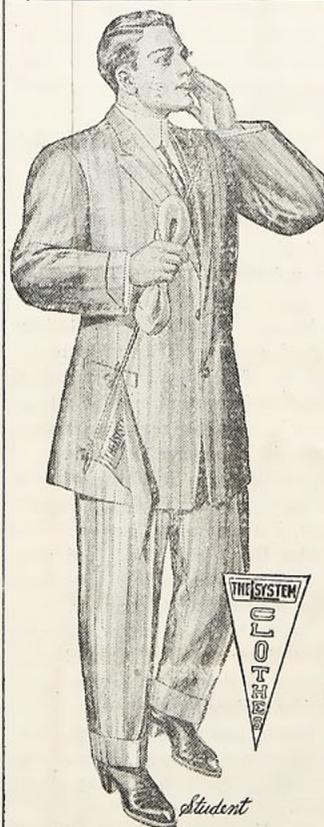
Mr. Tibert has already begun the plans for the proposed addition to the Chemistry Laboratory.

The Barrett residence just south of the campus is now nearing completion. It is a large and well built structure well in keeping with its surroundings. The adjoining lots will probably be built up in the near future and still further improve the appearance of the college surroundings.

All the English classes are greatly over crowded this term and it appears that more room for that department will be one of the urgent needs of the future.

The Veterinary men are continuing the experiments with hog cholera which were begun last spring.

See that your name is on the Spectrum mailing list.



THE HUB

H. BACHENHEIMER,

MOORHEAD, MINNESOTA

The Store for College Men.

J. B. ASHELMAN,
Representing the
Royal Tailors.
of New York and Chicago
Call and See Me.
518 N. P. Ave. Phone 815
FARGO N. DAK.

Get In Line

Have your tailoring done at
THE FARGO TAILORING CO.
Suits made to order. Cleaning and Pressing done on short notice.
107 Broadway, FARGO, N. D.

Cut Flowers

For all Occasions
Send "HER" one of our "DOLLAR BOXES,"—then watch results.
FARGO FLORAL CO
T. D. Smedley, Mgr.

A. C. Bergerson TAILOR

Cleaning and Pressing
Students are satisfied when they have their work done here.
303 Broadway FARGO, N. D.

100,000

Human Horse Collars.

are in use for sore necks and shoulders. All sold on 15 days trial. Extensively used by U. S. Government. In use on the A. C. Farm at Fargo. See it and write for Booklet.

BRISTOL & SWEET HARNESS COMPANY

FARGO N. D.

WE ARE THE LARGEST MANUFACTURERS OF

Veterinary Instruments In the United States



Our 250 page Illustrated Veterinary Instrument Catalogue Mailed Free Upon Request.

SHARP & SMITH

Manufacturers and Importers of
High Grade Surgical and Veterinary Instruments and Hospital Supplies
92 Wabash Ave. 2 doors north of Washington street, Chicago, Ill.

Monson's TRUNKS

are handsome in design, highest quality in material and workmanship; the finest possible finish. The prices are right, and don't forget they are made in North Dakota

MONSON TRUNK & BOX CO.
618 Front St. FARGO, N. D.

The Worlds Best Cigars.

POTENTATE—3 for a Quarter
10c and 2 for 25c
WHITE BEAUTY } The Great
BUUD TUCK } Nickle Cigars
TRY THEM

Furs! — Furs!

OLIVER DENIS

Successor to Denis Bros.

-0-

Insaving in Store Rent, I can sell at smaller profit, that is why I am located in my new block.

-0-

417 N. P. Ave., FARGO, N. D.
Special Price to Students.

Ship Hides, Furs and Pelts

Bolles & Rogers

303 Broadway FARGO, N. D.

PLENTY POSITIONS.

If you want to take a business course that is sure to land you in position, and make it possible for you to make good when you get a position, go to the leading business college in the state —

Aaker's Business College,
Fargo, N. D.

THE NORTHERN TRUST COMPANY
(A SAVINGS BANK)
Capital and Surplus \$150,000.00
5% interest Paid on Savings Deposits
52 Broadway, FARGO, N. D.

Wheelock & Wheelock
LANDS, INSURANCE, LOANS.

Waldorf Block, FARGO, N. D.

FARGO NATIONAL BANK
Fargo, N. Dak.
UNITED STATES DEPOSITORY

Martin Hector, Pres. O. J. deLendrecie, V. Pres. G. E. Nichols, Cashier.

MERCHANTS' NATIONAL BANK OF FARGO

Resources Over a Million. United States Depository
Safety Deposit Boxes for Rent. Interest Paid on Time Deposits
N. A. Lewis, President H. W. Geary, Vice Pres.
O. G. Barnes, Vice Pres. S. S. Lyon, Cashier.

M. A. Baldwin, Pres. W. C. McFadden, Cashier.
F. V. Gardner, Vice President.
COMMERCIAL BANK OF FARGO
General Banking Business Farm Loans a Specialty.
Students will be shown every possible courtesy.

THE FIRST NATIONAL BANK
of Fargo

is glad to handle small as well as large accounts.

"THE SAVINGS and LOAN"

No. 11 Broadway.

We Pay 5 Per Cent

Our Assets Are \$1,250,000.00 UPON SAVINGS DEPOSITS

Knight Printing Company,

PRINTERS, BINDERS, LAW BLANK PUBLISHERS
Fargo, North Dakota.

KODAKS

Everything known in Kodaks and Supplies call or write us for Catalogue.

E. P. SUNDBERG and CO.
Gold and Silversmiths—Mfg. Opticians.

Fargo, N. Dak.

WALKER BROS. & HARDY

Printing of Every Description.

The Only Lithograph Plant in the State

Walker Block, 1st Ave. N., Fargo, N. D.

HUBERT HARRINGTON

HARDWARE

Stoves & Ranges

Good Thing to Eat.

Buy your table delicacies at headquarters.

Ellefsons Cash Grocery Company

Fargo, 2 Phones—497—498 N. Dak.

THE MINT RESTAURANT

THE BEST EATING HOUSE IN THE CITY

120 Broadway, Fargo, N. D.

PERSONAL

Charles Ruzicka blew in Friday morning from the Golden West wearing a rattle snake skin for a hat band and generally alarming his friends.

Inorganic Cremistry starts off this year with a very large enrollment; however, the theory of the "Survival of the fittest" has not as yet been brought to bear.

Dr. Bell spent the summer on a biological survey in Ranson county, giving special attention to the flora of the sand dune area in the eastern part of the county. Many interesting features of native flora were found which bear directly on problems of crop adoption in that somewhat peculiar area. Notes on bird mammals and other zoological forms were also secured of this region.

The enrollment for zoological work shows a very marked increase over previous years, made possible by the neared facilities.

Dr. Bell reports that the bird migration is nicely started, and that soon the campus strollers will miss the feathered songsters.

Dean Bolley states that after considerable difficulty and numerous delays the new animal histological and bacteriological laboratories are complete and ready for occupancy. These laboratories are supplied with a large number of microscopes and new bacteriological apparatus and are fitted with twelve new student tables.

Additional room has been given to the herbarium and seed room by remodeling the cloak rooms.

Prof. McArdle spent Saturday in digging his potato crop at Lake Cormorant.

Prof. Bergman spent a short vacation at his home in Manhattan, Kansas.

The enrollment for this term is 261 which shows an increase of 25 per cent over last year.

Prof. Beckwith states that the enrollment is good in his department, and with the new facilities expects some very good work on the part of the students this year.

This year's freshman class promises to be a record breaker. There are a large number of the old students yet to return and a large number of those here are high school graduates.

The registration this year shows a marked decrease in the short course pharmacy course.

Clarence Waldron is still acting as valuable assistant to the botany department.

The Y. W. C. A. has established an excellent precedent for the coming year in the preparation of an elaborate poster for the announcement of their reception.

All rooms are taken at the young ladies' dormitory, and a large number of girls have been turned away. This shows clearly the need of the new woman's building now in course of construction.

See Clark about the Spectrum. Registrar and Mrs. Parrott were host and hostess at a game dinner last week.

The term begins with an enrollment of fourteen instructors at the dormitory.

What does a man profit if he gains the whole world and his pants bag in the knee?

We Press Clothes and we make 'Em.

Our "Fall and Winter" Stock is complete and ready for Your inspection. We never charge for a look. And may be You need some Furnishings. A Hat, a Cap, or a pair of Gloves, or anything in that line. Our store is in No. 7 Broadway. Come in and look the place over, we want to get acquainted. . . .

Most Respectfully

C. J. Feller,

Fargo, N. Dak.

The College catalogue will go to press Jan. 1 this year.

Dr. Bassett, after a year's vacation spent on his farm in Kentucky, has again returned to resume his duties in the Chemical department. At present he is engaged in beverage work and since returning has spent some time in developing a new method of beverage analysis, especially the treating of Fusel oil and coloring matter in whiskies. However, he will begin research work as soon as the rush of the fall work is over.

The Agricultural college was represented at the North Dakota State Pharmaceutical association by Dean Ladd and Prof. Zieffe. Dean Ladd spoke on the enforcement of the drug and beverage law and the advantages afforded by our school of pharmacy, showing the need of a higher standard of registered pharmacists. He also took up the subject of the misbranding of drugs. The state association showed their appreciation of the word done by the Pharmaceutical and Chemical departments at the A. C. by conferring on him honorary membership to the North Dakota State Pharmaceutical Association.

Prof. Zeifle also delivered an address before the association, which in the main purported to show a direct advantage to the pharmacist of having trained assistants, and the means toward attaining this end, as offered at the North Dakota Agricultural College School of Pharmacy. He also brought up very strong arguments for the encouragement of the establishments of fellowships in college for the solution of problems met with in commercial work.

Miss Emily May spent her summer vacation in Milwaukee and vicinity and reports a very pleasant time. Also rumor has it that a certain young man sent many telegrams and postals that he might be able to accompany a certain young lady from the twin cities back to Fargo. However, the two incidents may have no direct connection.

Regardless of the fact that Prof. Bergman taught two classes in the Industrial Summer School, he reports after a brief vacation spent in Kansas, a gain of 30 pounds in weight.

Pres. Worst delivered an address at the County Fair held at Bagley, Minnesota on Friday of last week. The subject of the address was the Agricultural Outlook.

Word was received last week of the death of the infant son of Dr. and Mrs. L. A. Brown. Dr. Brown will be remembered as the former head of the Pharmacy Department at the A. C. and the Spectrum unites with his many friends in offering sympathy to the bereaved parents.

It is a well known fact that "Fat" Keeney always did enjoy a beautiful reputation for laziness, but when it comes to such a show down that has to ride horse back along side of the lady on the sidewalk whom he is accompanying, it certainly approaches the limit.

Miss Katherine Childs former professor of Domestic Science at the A. C., has accepted the position of dietitian, with the Y. W. C. A. of Minneapolis, Miss Child's duty is chiefly the planning and superintending of menus served by this organization.

It will be remembered that Miss Childs was an active worker while here and did much to promote the growth of the Y. W. C. A. at this institution.

All traces of spring enthusiasm have been obliterated from the Power House roof, but that culpable evidently looked too difficult to the painters as it still retains its decorations.

The campus is at its best just now while the trees are still in full foliage and the flower beds are gorgeous with late blossoms. By covering the beds on some of the coldest nights they have thus far been saved from frost and give returning students some idea of the beauties of the sampus during the summer season.

EACH Piece of FURNITURE we sell is an advertisement for THE LUGER FURNITURE CO. Each home we furnish is a recommendation, each customer a reference—and the older the customer, the louder his praise. Large purchasing power, advanced business methods and 31 years of furnishing homes gives us our standing in this community.

Are these not good reasons why you should select your fall home furnishings from us? Come in and get our prices—we can save you money.

LUGER FURNITURE CO.
Largest House Furnishers and House Dealers in the Northwest.
12-14 Broadway, FARGO, N. D.

Harry G. Carpenter
INSURANCE
Fire, Accident, Tornado, Sickness, Life.

Loans on dwellings at Lowest Rates.

14-5 Huntington Bldg.
Phone 781 FARGO, N. D.

We Photograph
Anything, Anywhere, Any time.

Equipped with the best instruments obtainable and representing talent acquired by natural acquisitiveness and 20 years of steady experience. Our aim is to deliver "QUALITY PHOTOGRAPHS" of anything, and we can do it.

DEWEY'S STUDIO.
Edwards Bldg. FARGO, N. D.

DIAMONDS

We can save you money on them.

N. C. Anderson,
Jeweler.
66 Broadway, Fargo, N. D.

Ideal Theatre

High Class Vaudeville.
EIGHT
BIG FEATURES
Night Prices, 10 and 20 Cents.
Daily Matinee, 10 Cents.
3 Performances—2:30, 7:30, 9:00.
Change of Program Mondays
z z and Thursdays.

—Ask For—
Chancy Everhart Co.

CANDIES
The Pure, Good Kind.

W. H. FLYNN
A. C. GROCER
—CONFECTIONARY—

JOHN WANDMAKER
The Barber

Where you get the best hair-cut in the city.
Fargo, N. D.

ATHLETIC and SPORTING GOODS
General Hardware & Tools

WESTERN HARDWARE COMPANY

57 Broadway, Phone 1530

Kuppenheimer's and Abt's Clothes *Florsheim and Ralston Health Shoes*

THE GLOBE
Clothiers and Furnishers
64 Broadway, FARGO, N. D.

Stetson, Lampher and Crofit & Knapp Hats. *Munsing, Staley and Cooper Underwear*

J. E. Johnson
CYCLE SUPPLY HOUSE
Sporting Goods, Kodaks, Supplies.
Edison Phonographs and Records.
Repairing of all Kind.
216 Broadway, Fargo, N. D.

E. J. BERG,
Importing Tailor.
515 2nd Ave. N., Fargo, N. D.

KINNEAR'S
The Home of
Good Shoes
60 Broadway, Fargo, N. D.

M. F. HOLDERMAN
At The Grand.
Confectionary and Cigars.
Fargo, N. Dak.

INTERIOR LUMBER CO.
Lumber, Wood, Coal.
Phone 93. Fargo, N. D.

KEY CITY Laundry
The Students' Favorite Laundry
Flynn has the Agency.
631 N. P. Ave. Phone 21
Fargo, N. D.

New Members Added to Faculty.
Continued from page 1.
graduate of the Kansas A. C. and Post Graduate of Chicago University and Louis Institute of Chicago. She has also had much experience in teaching in Manual Training Schools and Colleges in different states, her last position before coming here being at the S. D. A. C., at Brookings. Miss Hoover has already proven her ability in the work here having had charge of the department during the session of the Summer School.

As assistant in mathematics, Prof. W. C. Smith who will hold the position left vacant by Prof. Chambers.

Coach Magoffin is succeeded by Arthur Rueber. Mr. Rueber comes from the North Western University where he was captain of the '05 team. After leaving the university he held the position of coach at Chantanooga University and later at Whitworth College, Tacoma, Wash. From Tacoma he came to the A. C., to take up the physical directorship. Coach Rueber is already hard at work on the football team and is trying out the new men who have football aspirations.

The new work in Manual Training is in charge of David E. Scull who has been at the College

as instructor during the summer. Mr. Scull is a graduate of the Gachly Manual Training High School, Muskegon, Mich., and has since studied under the noted designer, Dr. James Haney. He has also had practical experience both as a teacher and as carpenter and cabinet maker.

In the Domestic Science Department, Miss Edith Fowler has been given the position of assistant Professor. Miss Fowler is well known at the College being a member of the class of '04 and Post Graduate '09.

Dr. Harris is assistant professor in the veterinary and is now in charge during Dr. Van Es' absence. Dr. Harris is a graduate of the Ohio State University and comes to us from a period of services as Government Meat Inspector in Chicago.

O. A. Stevens is assistant professor of botany, division of seed analysis. Professor Stevens comes to us from the Kansas A. C. from which he graduated in 1907. Two years previous to graduation Prof. Stevens acted as student assistant in botany, paying special attention to seed analysis. Since graduation he has done research work, and seed analysis and testing as well as assistant professor at that institution.

Many Improvements Greet Returning Students.
Continued from page 1.

There will be three full stories besides a basement and a large gymnasium on the fourth floor. The first story will be occupied by the cooking room laboratories and the dining room. Of these the cooking room will be situated in the front of the building with laboratories and locker rooms to the west, while the entire east wing which is 40x140 feet, will be used as a dining room. The parlor will be located on the second floor of the east wing while the second floor of the west wing will contain the sewing rooms. The remainder of this floor and all of the third floor will be given over to living rooms. The contract only calls for the enclosure of this building so that there is no chance of its completion this year. Both buildings are to be erected by contractor Powers of this city. Other buildings which have been erected during the summer are an elevator north of the mill and an addition to the west of the forge shop. All construction work has been greatly delayed by the carpenters strike during the summer and also by a delay in one of the shipments of brick. In addition to the erection of new buildings many alterations have been made in the old ones. The history rooms in the Main Building are being entirely remodelled and a large safe put in. A number of changes have also been made in the Mechanical Building. A stairway leading to the second floor has been built in the passage between it and the Engineering Building and the machine shop has been greatly enlarged. The shop now extends entirely across the building giving over three times the floor space of the old shop. The shop equipment is not yet installed but will be put in place as soon as possible.

These additions to the college buildings and equipment will do much to facilitate the work of the coming year and will make it possible to accommodate the increased number of students.

New Girl—"Well did she just go walking with him, or did they go chumming?"—Ex.

Fall and Winter Clothing

We are ready to show you the correct clothes for the fall and winter seasons. Every desirable fashion and fabric of the day is on display here.

Adler Collegian Suits and Overcoats. All styles and grades are here in plentiful variety.

C. A. Swansen.
Clothing, Furnishings, Hats, Shoes.
514-516 Front Street, FARGO, N. D.

Automobiles

MODEL T. FORD TOURING CAR. 4 Cylinder 24 H. P. \$850,
F. O. B. Detroit. Send for catalogue or call on

The Frank Lynch Company
Fargo and Casselton, N. D.

Schools and Colleges

will find it to their interest to correspond with us when in need of designs or printing plates of any kind. We do more college work than any other engraving house in the Northwest

Buckbee Mears Co.,
Designers, Engravers, Electrotypers
St. Paul, Minn.

UNEQUAL EYES
Do you see equally well with both eyes?
If not, both may be defective—one certainly is. Have them properly examined.

We prescribe glasses only when absolutely necessary, and guarantee satisfaction. Consultation free.

D. D. SULLIVAN, Optical Specialist,
612 Front Street, Fargo, N. Dak.

Fellow Students
Everything you need in the line of Books, Stationery and College Supplies, may be had right at the

COLLEGE BOOKSTORE,
Darling Keeney & Olson, Props.

Northwestern Mutual Investment Co., Fargo, N. D.
Issues 10-15 and 20 year accumulation Profit Sharing Certificate.
Systematic saving is the Key to Success.

\$6.13 saved monthly guarantees in 10 year \$1000 with additional Profits
\$3.47 saved monthly guarantees in 15 years \$1000 with additional Profits.
\$2.20 saved monthly guarantees in 20 years \$1000 with additional Profits.

Meet Me at the
ICECREAM PARLORS
of the
Waldorf Pharmacy
Agent Johnston's Swiss Milk Chocolates

OSCAR HALLENBURG, Ph. G. **THE REXALL STORE**
708 Front Str., Fargo, N. D.

LIFE INSURANCE

Protection at Lowest Cash with highest Dividends.

M. N. Hatcher, State Agent, Fargo, N. D.
Great West Life Assurance Company,
Head Office, Winnipeg, Can.