

## Eversull Assumes Post As NDAC President

### Fall Registration Opens September 16

#### 5-Day Welcoming Program Slated For New Students

Upperclassmen Will Register Sept. 19-20; Classes Start Sept. 21

Registration for the 1938-39 school year at North Dakota Agricultural College will open Friday, Sept. 16, according to an announcement from the college registrar's office.

Freshmen will register on that date and then participate in a five-day orientation program designed to acquaint new students with the college and its workings. Upperclassmen—sophomores, juniors, and seniors—will register on Monday and Tuesday, Sept. 19 and 20, according to present plans. Regular classes will begin Wednesday, Sept. 21.

Following registration, freshmen will be occupied with the orientation program which is conducted by college officials aided by various student organizations. First day activities in addition to registration include a welcoming address by Dr. Frank Eversull, newly appointed NDAC president, and a night football game to be arranged by Casey Finnegan, athletic director and head football coach.

The following day freshmen will continue registration and attend a freshman party and mixer in the evening. Sunday morning YMCA and YWCA groups will hold breakfasts for all freshmen. Following this, new students will be taken to the church of their choice for regular Sunday services.

#### Will Tour City

In the afternoon, boys and girls will meet for conferences with the Dean of Men and the Dean of Women. Later they will go on conducted tours of the city.

Monday the freshmen will take placement tests in English. A reception and tea is scheduled that afternoon for girls with stag parties slated in the evening.

Tuesday, the final day of the program, will be taken up with explanation of various college rules, regulations and programs. Fraternities and sororities will be hosts at open houses in the afternoon and the welcoming program will culminate in an all-college dance at the Field House.

Next day—to classes.

#### Lyceum Director



A. G. ARVOLD

#### Kirsten Flagstad, Nino Martini On Lyceum

Nino Martini and Kirsten Flagstad, two famous names in the musical world of today, will appear on the NDAC 1938-39 lyceum program arranged by A. G. Arvold, who promises three fine programs to complete the course.

Arvold, founder of the Little Country Theater, annually brings to the campus famous personalities through the lyceum course. In recent years Fritz Kreisler, Cornelia Otis Skinner, Lawrence Tibbett, Serge Rachmaninoff, Trudi Schoop's Ballet, Joos European Ballet and the Minneapolis Symphony Orchestra have appeared.

The Little Country Theater will celebrate its twenty-fifth anniversary Feb. 8 through Feb. 12, 1939, according to Arvold. Plans are now being laid for its observance.

#### COLLEGE OFFICIALS SEE NORMAL ENROLLMENT

Prospects for a normal enrollment at NDAC this year are bright, say college officials who point to several factors indicating a good enrollment. Inquiries for the regular college catalog are normal, reservations at the two campus dormitories are being filed steadily and transfer of credits to other institutions as indicated in a check with the registrar's office are about the same as in other years.

Last year's enrollment figure of 1,860 set an all-time record. By divisions there were 515 students in arts and sciences; 502 in engineering; 364 in agriculture; 311 in home economics, and 94 in pharmacy. Men students outnumbered women nearly three to one, 1,377 to 483.

#### Putnam Busy With 'Extension Work'

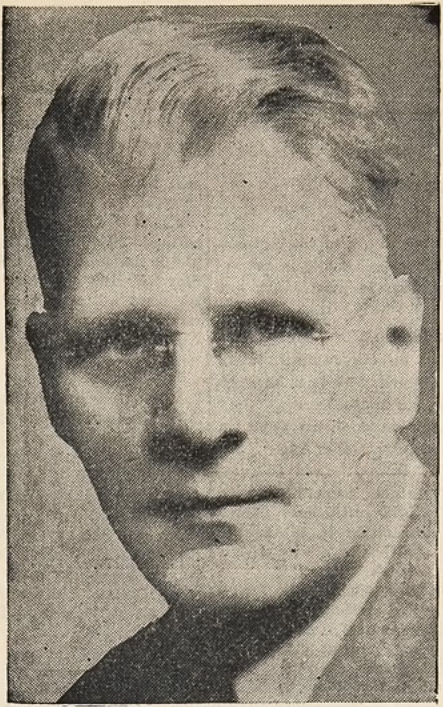


Dr. C. S. Putnam, veteran bandmaster and "youngest oldest" on the campus, will be on deck Sept. 16 to aid in welcoming incoming students to NDAC. This will mark the thirty-sixth group of freshmen Dr. Putnam has helped familiarize with the campus.

During July "Doc" was busy carrying on what he terms his "extension work." For two eight-day periods he served as Director of Music at Band Camp Clinics at Jamestown and Hettinger. Camps were under auspices of the recreation division of WPA.

Giving musical instruction to 68 musicians and 72 at Hettinger kept the Gold Star Band director busy five hours daily, besides his work in round-table discussions with bandmasters. Next year "Doc" expects to pack up his musical library and work six weeks at three camps, one already slated to open at Fair Hills in Minnesota early in June.

Commenting on his college band work, Dr. Putnam says there is a great demand for band instructors in this state. Last year he placed four graduates as band instructors and was unable to supply all requests. His Gold Star Band annually draws a membership of more than 125, with 52 musicians composing the concert section.



#### New President Is Former Head Of Huron College

Dr. West Turns Over Office To Successor; Retains UND Post

Dr. Frank L. Eversull, former head of Huron College in South Dakota, has been appointed president of North Dakota Agricultural College, assuming his new duties on the campus on Monday when Dr. John C. West, acting head for one year, turned over the office to his successor. Dr. West retains his position as president of North Dakota University.

Dr. Eversull, 46, is a vice-president of the North Central Association of Colleges and Secondary Schools. After being installed here he emphasized that his first objective was to secure reinstatement of NDAC in the North Central Association.

The new president holds a doctor's degree in education from Yale University, where he was an instructor in education for two years. He also has a degree of doctor of divinity from Marietta College in Ohio, and was ordained in the Presbyterian church in 1917. He has served parishes in St. Louis, Mo., and Troy, Ill.

Entering education work he became principal of Woodward school in St. Louis in 1922, remaining there six years. Following this he was principal at East St. Louis high school until going to Yale in 1933. He became president of Huron College in 1934.

#### Studied Farm Methods

While at Troy, Ill., Dr. Eversull began a study of farming methods and problems and was soon pressed into service as an agricultural teacher at the school. Since 1912 he has been a farm institute lecturer, returning each year to Illinois to work in institute courses. As president of Huron College he was manager of 35,000 acres of farm lands and further schooled himself in agriculture, particularly in investigative work.

Dr. Eversull is a specialist in school administration, majoring in this subject when he won his doctor of philosophy degree. He is a 32nd degree Mason, a member of the National Educational Association, Phi Delta Kappa and Pi Gamma Mu. He has been active in Parent-Teacher Association work and Boy Scouts.

The president is married and has one daughter, Evelyn, who will be with her parents in Fargo.

#### To the Students:

A new year faces us and with it a host of new opportunities and privileges. My greatest opportunity and my most cherished privilege will be that of meeting and knowing you. I am happy for this chance to send you this word of greeting.

As I take up my new duties it is with a high hope that all of the problems that are so perplexing will be solved shortly, and that NDAC will take on new meaning for all of us. I trust that I may have the happy privilege of close contact with the students who have been on the campus before, and that I may be privileged to welcome the largest class of freshmen that has ever come to the College.

To the upperclassmen I extend a cordial invitation to return. To prospective freshmen I urge you to cast your lot with us in the grand and glorious task of acquiring knowledge and developing a vibrant citizenship.

Yours very truly,  
FRANK L. EVERSULL.

#### DEDICATION

To prospective NDAC students—to high school graduates who will go to college this fall to further their education and fit themselves for a lifetime vocation; to young men and women who graduated from high schools in past years but have not yet been able to continue their studies; to young and old everywhere in search of an education we respectively dedicate this issue of the official student newspaper of North Dakota Agricultural College.

#### JOBS FOR TWO

Two June graduates in Home Economics recently received teaching appointments. Doris Johnson of Albert Lea, Minn., will teach in Thompson, Iowa, and Ruby Livedalen of Hatton will teach in Redfield, S. D.

#### FORMER STUDENTS WED

The wedding of Frances Johnson of Fargo and Francis LaMarre was celebrated Tuesday at Fargo. Both Mr. and Mrs. LaMarre are former NDAC students, the former graduating with a B.S. degree in June.

#### STUDENT COSTS LOW

Eighty-five dollars a term or a little more than \$250 will pay the average freshman's college expenses for a full year at the North Dakota Agricultural College, according to figures released from the office of the Registrar. This includes matriculation fee, general deposit, dormitory room rent, board, books and supplies, (resident) incidental fee and student activity fee.

### Campus Improvement Plan Lists Three New Buildings

Place Library First On List of Requests Totaling \$707,500

A new library is first on a list of requests for three new buildings and other improvements totaling \$707,500 which this institution through Secretary S. W. Hagan has filed with the state board of administration.

Hagen designates the requests as the desirable program if federal-state funds become available under the new federal spending setup. Emphasizing that every request is a real need at the college, the secretary hopes the legislature might provide funds for the library and general repair program, most urgent of the items.

The present library was built in 1905 and designed to serve 300 students. Last year's enrollment figure of more than 1700 accentuates the long felt need for a new building.

Other requests include a new girls' dormitory, a Farm Folk school building, campus road surfacing and funds to finish work on the swimming pool beneath the stage of the Field House.

Hagan's requests to the board follow:  
New library \$200,000  
Library equipment 18,000  
General repair 75,000  
Farm folk school building 200,000  
Girls' dormitory 200,000  
Road surfacing 1,000  
Finish gym pool 10,000  
Cafeteria equipment 3,500

#### TWO GET JOBS

Two NDAC students who received M. S. degrees in agricultural economics in June have accepted positions. Calvin Olson of Bowbells is with the Farm Credit Administration in St. Paul and Glenn Landblom of Fargo has a service fellowship with the Indian Service, U. S. Department of the Interior.

## REDUCE COLLEGE EXPENSES— \$150,000 Available To Students In Work, Scholarships . . .

About \$150,000 in payment for work and from scholarship will be available to hundreds of young men and young women who attend the North Dakota Agricultural College this year. This is the largest potential work-scholarship fund in the history of the NDAC. To the last penny it will go to pay all or part of the regular expenses of more than 85 percent of the students who enroll at the College.

Figures obtained by T. W. Johnson, assistant editor in the publications department, indicate that \$104,625 will be paid students for such odd jobs as firing furnaces, shoveling walks, putting on storm windows, mowing lawns, care of yards, waiting on tables, clerking in downtown stores, painting signs, cleaning house and score of other types of work. The total for odd jobs is based on the amount paid students last year for these jobs. Each year about 800 men and women students secure odd-job employment in Fargo thru the NDAC Student Employment Bureau which is operated by Mrs. Psyche M. Gooden.

Based on the enrollment at the NDAC the past year, there should be

\$17,415 coming from the N. Y. A. for student work on the campus during the college year of 1938-39. A long list of productive types of work, ranging from stenographic to laboratory research routine tasks, are accomplished

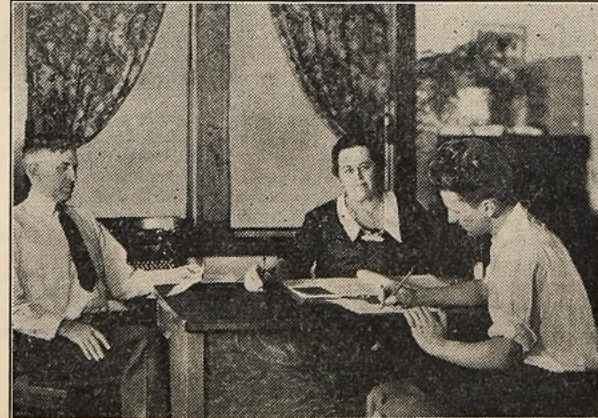
by students given N. Y. A. positions, according to Dean C. A. Sevrinson, assistant to the President.

Many thousands of dollars go annually to students who have jobs not secured through the college bureau.

Awards and scholarships will total \$3,526. Among these awards are 18 Sears-Roebuck scholarships for a total of \$2,250 to freshmen in agriculture. The remaining \$1,276 in scholarships and awards, ranging from \$10 to \$328 each, come from 18 different sources. The \$328 pays five LaVerne Noyees scholarships.

Ten graduate assistants in Chemistry will receive fellowships equivalent to a total of \$625. On the NDAC payroll a large number of students will receive a total of \$4,223.59 divided among several departments in the following manner; Chemistry assistants, \$3,090.49; band, \$548.10; high school, \$135; president's office, \$145; and registrar's office, \$315. Time slip payments to students amount to a total of \$624 and are divided among the student employment, social science and zoology departments. Students working in the Department of Correspondence receive about \$1,000 for the year.

Incidental fees waived as band scholarship amount to \$1,941. One N. D. War Orphan (fees waived) \$52.50, and 20 Montgomery-Ward bonuses, \$2,124.91.



. . . an incoming freshman applies for work through Mrs. Gooden's bureau, while Dad, who foots the bills, looks on approvingly.

### Stadium Dedication Slated At Night Grid Tilt, Oct. 14

#### FORMER STUDENT KILLED

John Dahl, jr., 22, of McClusky, was killed in a recent automobile accident near Denhoff, N. D. He was a former NDAC student.

#### TWO GRADS WED

Two NDAC graduates, DeLoris Cook of Humboldt, Neb., and Lawrence Bue of Leeds, N. D., were married in recent ceremonies at Leeds.

#### Iowa Teachers Eleven Will Oppose Bison In Feature Event

NDAC's new wood constructed stadium will be formally dedicated when the Bison meet Iowa State Teachers gridmen in a night conference game, Friday, Oct. 14, according to Casey Finnegan, college athletic director. Dedication ceremonies are in the formulative stage now, says Finnegan.

With completion of the stadium on Sept. 1, NDAC will have one of the finest and most complete athletic plants in the Northwest. Replacing the old stands where students and spectators have fidgeted for several years, the new stadium has a seating capacity of 10,000.

Seats are constructed of California redwood, providing a striking contrast to the battleship gray of the bleachers. Bleachers are completely enclosed underneath, forming a high compact windbreak. A high board fence surrounding the field gives additional protection from winds.

All 10,000 seats are along the sides of the field, every seat providing an excellent view of the game. Special care of the playing field has resulted in a heavy stand of grass and one of the best gridirons in this territory. The field is equipped with floodlights for night games, popular with football fans.

Encircling the football field and within the stadium is a wide quarter mile cinder track of latest design and construction, giving rise to the possibility that NDAC may soon be host to some of the northwest's outstanding track meets.

A catalog fully descriptive of the new Farm Folk School, a short course offered by the Division of Agriculture to young farmers, will be published soon, according to Dean H. L. Walster, director of the school. The catalog is an illustrated 32-page booklet.

SPECTRUM

Official publication of the students of the North Dakota Agricultural College published every Friday during the school year.

1937 Member 1938

Associated Collegiate Press

Distributor of Collegiate Digest

MEMBER NORTH CENTRAL PRESS ASSOCIATION

Entered as second class matter at the Agricultural College Station under the Act of March 8, 1879.

TELEPHONE 2221

Editor-in-Chief John Lynch  
Business Manager Richard Cook

Friendly Students In A Friendly School Send Greetings To Prospective Students

Marian Smith of Amenia, president of Panhellenic association: Panhellenic is so glad to know that you are planning to attend the Agricultural College this fall. We hope that we can be of great assistance to you during your Freshman year, and we are ever so anxious to meet every one of you.

No doubt you are wondering just what Panhellenic is. It is the governing body for the six women's sororities that are present on our campus. Each sorority has its representatives on the Panhellenic Council, and it is through this council that we reach our agreements and attain our mutual goals.

During Freshman Orientation week the sororities unite their efforts in welcoming new students. At 11:00 o'clock on Monday, September 19, we are planning an informal meeting with all Freshman girls in the Little Country Theatre. This meeting is to acquaint you with our rushing system.

On Monday evening Panhellenic is inviting you all to a girls stag party in Festival Hall. This party promises to be loads of fun—you don't want to miss it!

On this same Monday and on the following Tuesday afternoon the individual sororities would like to meet you. On each of these days three of the groups will be expecting you to visit them during the hours from 3 to 6 o'clock.

Just a word about the Greek letter organizations themselves. Because we do not have elaborate sorority houses on our campus, membership in such a group is not considered a luxury at all. In recent years the dues of all the groups have been reduced to such an extent that more and more girls are taking advantage of the opportunities offered by the sororities. Members of the groups on this campus unanimously agree that the compensations received in belonging to one of these organizations far outweighs any sacrifices that have to be made to meet the expense.

If you are still doubtful as to meanings of sororities and Panhellenic, just visit us at every opportunity during these first few weeks, and we will tell you more and more about them.

Leonard Dalsted of Cavalier, president of Inter-fraternity Council:

Fraternities constitute an important social phase of student life at the North Dakota Agricultural College. Students, who desire to become affiliated with one of the Greek letter societies, find that the fraternity takes the place of home life to a great extent while the student is in college. Fraternities are not "playhouses" or "fun clubs" as you may be led to believe, but are well organized institutions regulated by the college administration.

In order to coordinate fraternity activities with those of the college an Interfraternity Council has been organized. This group regulates the manner in which prospective members are chosen by the various social and professional fraternities, by promoting an organized and intelligent system for rushing, pledging and initiation.

Benefits provided by the Interfraternity Council are not restricted to fraternity men. During the past year the council promoted a program to improve intramural athletics on the campus. As a result, various organizations, fraternal and otherwise, engaged in basketball, kittenball, and hockey tournaments, the winning team in each case receiving sweaters. This year a more extensive program is planned.

As has been indicated above, the Interfraternity Council is an organization intended to promote cooperation and friendliness between the fraternities on the campus, in regulating fraternity activities. It insures each and every student entering the NDAC ample opportunity to become acquainted with fraternity life and practices. Therefore, the final decision is left to the student as to whether or not he wishes to become a fraternity man.

Library Adds 350 Books During Summer

More than 350 new books have been added to the NDAC library during the summer months. Some of the interesting titles selected at random are:

"My Austria," Kurt Schuschnigg; "The Culture of Cities," Lewis Mumford; "Land of the Free," Archibald MacLeish; "My America," Louis Adamic; "Our Town," Thornton Wilder; "Mountains of the Moon," Patrick Syng; "Bread and Wine," Iganzio Silone; "Books and Battles," Irene Cleaton.

portunity to become acquainted with fraternity life and practices. Therefore, the final decision is left to the student as to whether or not he wishes to become a fraternity man.

To all prospective students the Interfraternity Council extends a cordial greeting and expresses a sincere desire that you may find it possible to attend NDAC this fall.

Evelyn Larson of Fargo, president of YWCA:

Your introduction to the YWCA will occur as soon as you reach the campus, for the campus sister movement is sponsored by our organization. Throughout orientation activities, YWCA members act as a welcoming committee to acquaint you with the college. Later on in the year you will find that the Y does not become inactive. Rather it sponsors many activities which will add to your social and religious life. You will find everybody out for those "extra-special bean suppers," and everyone having a marvelous time at the Co-ed Prom. In the Y there is great opportunity for larger contacts and leadership training.

May I extend to you an invitation to our weekly Blue Monday Teas where you will meet your friends informally. We welcome you to our campus and hope that through the Y your college life will "get off to a grand start."

Nelita Dyer of Shelley, Minn., president of Women's Senate:

Women's Senate welcomes all new students to NDAC. We are happy to have you as members of our student body.

The Women's Senate is a governing body with representatives of all girls' organizations on the campus. Each term the Senate presents to an outstanding girl a tuition scholarship. Every winter a tea is given for all students. The main project for the past year was the lounge in Main Building which was furnished by the Senate, and is known as the Women's Senate room.

As a girl on our campus you will be interested in Women's Senate because it is the place where the women's problems are discussed.

Dick Cook of Fargo, YMCA Cabinet member:

The YMCA Cabinet is glad to welcome new students to NDAC. We invite you to come in and see our building, of which we are justly proud, and to make this your headquarters while you are at school.

The College YMCA carries on an interesting round of activities throughout the school year. Social, religious, and athletic activities which are carried on by the Y take their place among the most important activities of the school.

Be sure and drop in to meet our very able secretary, Dick Sweitzer. He will be glad to help you get settled and begin an interesting round of acquaintances.

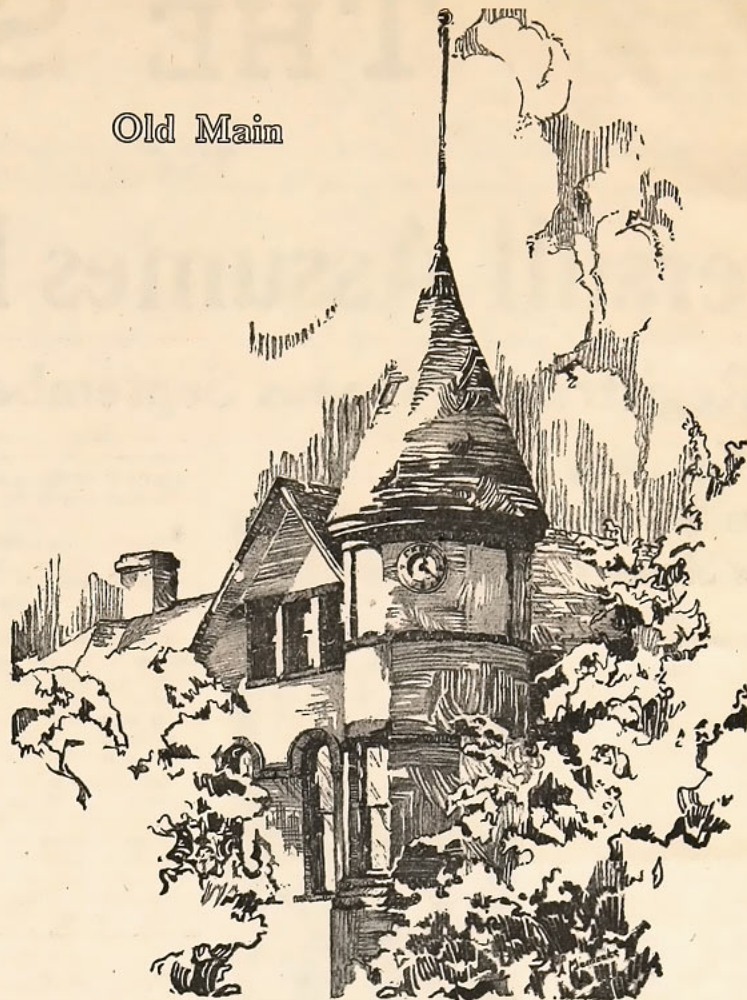
Campus Sisters Plan Program Of Aid To Freshman Girls

NDAC Campus Sisters have made final preparations in their welcome program for freshman girls entering here this fall, according to Mary Beth Lewis, chairman. Eighty-five upper-classmen have volunteered services in an effort to make the first few weeks on the campus more enjoyable for freshmen girls and those who are registering here for the first time.

A general meeting of all new girls and former students will be in Ceres Hall parlors, Thursday evening, September 15. Each girl entering the institution will be assigned a Campus Sister to help her make out programs, get acquainted with the buildings and teachers, to meet other students, and in many other ways assist during orientation week. Girls arriving on trains will be met by Campus Sisters if the time and place of arrival are known.

As soon as the new student's transcript is filed in the Dean's office, each girl is assigned a Campus Sister. She may feel free to write or call her "sister" and ask any questions or favors which will help her in getting established at NDAC.

NDAC scholarships last year went to 9 Fargo students; two in Harvey, Bismarck, Maddock and Lucca; and one each in Leal, Park River, Hanks, Berlin, Jamestown, Cooperstown, Beulah, LaMoure, Williston, Sharon, Watford City, Anamoose, Binford, Bisbee, Gwinner, Scanton, Wolseth, Aneta, Alexander, Fessenden, Carrington, Fingal, Caledonia, Minot and Pembina in North Dakota, and Cedar Rapids, Iowa; Lead, South Dakota, and Fergus Falls, Minnesota.



The Deans Speak: Giving Helpful Advice on Pre-Collegiate Problems to Students Who Will Attend College This Fall.

Says C. A. Sevrinson, Dean of Men:

We think it was a president of the General Electric Company who first stressed the following points as being essentials in developing the all-around individual. These elements are:

1. Development of personality.
2. Variety of interests.
3. Technical training.

It seems to me that this gentleman



DEAN SEVRINSON

struck upon the right idea. To some, it may seem queer that he should place personality and variety of interests before technical training. On second thought, we can see that mere pigeon-holing of information in the mind of men is folly, for, after all, the adequate use of this information is determined to a large extent by one's ability to contact other people and certainly to contact other people with interests divergent to our own. Each and every one of us has a distinct personality that sets us off as being different from other persons. "Ourselves as others see us" is what one person has said constitutes personality. This self is present in all of us, we have the ability to develop that self into whatever we choose. "Growing old gracefully" is an expression that often meets the eye, but to grow old gracefully, one must develop the self broadly in the young years of life.

You, as a prospective student, have already begun your development. Your home, your community, the elementary and secondary school training you have received, have all contributed to the self you find yourself to be today. To continue this development, college will offer much to assist you to go on with this glorious experience of being alive, of making your natural endowments and acquired abilities produce the very best results possible.

It has been my privilege to act as supervisor of teaching practice where

folks training themselves for the teaching profession get their first classroom experience. I have usually told them that it was their job (theirs and mine) to make of each person the best possible teacher that we could in the light of the equipment they come in with and the possibilities of growth they possess. In much the same fashion, it is my privilege, as Dean of Men, to be your personal advisor while you are a student at the Agricultural College. Between us, we shall be able to share in the happiness of your success as a college man. If there are difficulties that need to be ironed out, we shall attend to that also in a cooperative way. This is your office and I trust it will be one of your first contacts when you come to the North Dakota Agricultural College this fall. We are never too busy to see you, and your problem is never too insignificant to receive serious attention.

North Dakota Agricultural College greets you now as a prospective student and awaits with pleasure your coming to the campus in the fall of this year.

Says Pearl Dinan, Dean of Women:

It is to you and your brothers this issue of the Spectrum is dedicated. I have already had a busy month interviewing and writing many of you, the young women, high school graduates of the state, eager and enthusiastic about getting to college; and I am glad of this opportunity to write to many more than we can possibly reach by individual letters.

We wish we might arrange it so that all of you who are interested could come to the North Dakota Agricultural College; but, unfortunately, we cannot furnish all the funds. We can, however, give material help in the way of work to those of you who have some funds of your own. We encourage correspondence from you and we assure you we will do our best to help you work out a satisfactory plan.

The Orientation Committee has an excellent program arranged for the first few days. The Campus Sister group is organized and will get in correspondence with you as soon as they know of your intention of coming here to school. They will help you with registration and in getting acquainted.

The dormitory is ready with many repairs in the way of painting and new furnishings. Last year our big improvement was new carpets for the parlors. This year we are prepared for the first time to furnish bedding to

the extent of sheets and pillow cases, and laundry for these items. This we know will be welcome news.

For those whose reservations come in too late for dormitory accommodations we shall have a list of approved homes; and for those of you who wish to work for room and board we shall have accommodations also, providing you make arrangements in advance through the employment bureau. Those wishing NYA aid may write to me; but we urge you not to ask for this aid unless you really need it for there are more than we can possibly take care of who really must have it in order to come to college at all.

We are looking for a big enrollment and a fine year. I trust many of you who read this will get your pen and writing paper out and write for the information which may be helpful in assisting you make up your mind whether or not you can come. And finally, I trust many of you will be amongst the eager, enthusiastic group on September 16 who will be seeking our guidance and counsel in regard to their getting started to college.



Even though the plane which is used by the Carl Ben Eielson Flying Club is just like Douglas Corrigan's, none of the club members are thinking very seriously of starting off on a solo hop across the Atlantic ocean.

Members of the club, NDAC student group shown above, point out that their plane resembles Corrigan's even to the extent of having to wire the cabin door shut with baling wire.

The plane is a three-seater Curtiss-Robin, with dual controls and an OX-5 motor. Corrigan replaced his OX-5 motor with a J-65.

Robert Whempner, club president, owns the plane but it is available to all members. It has a 41-foot wing spread, carries 50 gallons of gas and has a cruising range of 800 miles. Its ultimate ceiling is 13,000; service ceiling, 10,000. The plane cruises at 95

miles per hour and lands at 50 miles an hour with a top air speed of 105.

Three members plan to fly to Hatton soon when the Carl Ben Eielson memorial is formally dedicated, a special invitation being extended the group by Eielson's sister. Attending will be Whempner of Fargo, Einar Mickelson of Fergus Falls, and O. R. Vinje of Hillsboro.

The Palace Extends A Hearty Welcome to Incoming Students....

We Invite You to Inspect our following line of Clothes, styled especially for College Men, priced - - \$16.75 to \$29.50

Remember No Sales Tax at . . .



# MEET THE DEANS . . . .



DEAN H. L. WALSTER

. . . directs Division of Agriculture, which offers courses in agricultural economics, education, engineering and entomology, agronomy, animal husbandry, animal pathology and hygiene, bacteriology, dairy husbandry, horticulture and forestry, and poultry.



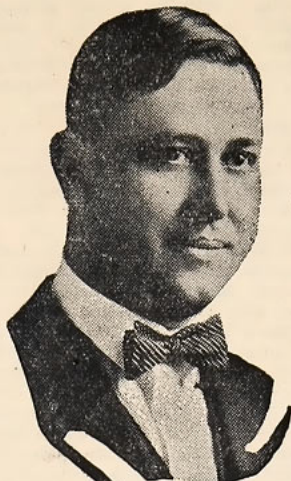
DEAN W. F. SUDRO

. . . teaches druggists' sons and pharmac hopefuls to become druggists. Last year the demand for Sudro's graduates exceeded the supply.



DEAN ALICE HALEY

. . . coordinates the work of instructors in art and clothing, foods and nutrition, home economics education, and household and institutional management.



DEAN L. L. CARRICK

. . . is happy now that his department ranks as a major division. Courses under his unit are inorganic, organic, industrial, physical, agricultural, and biological chemistry.



DEAN A. E. MINARD

. . . worries over the biggest division on the campus. It includes departments of botany, education, English, history, mathematics, modern languages, public discussion and social service, social and economic science, zoology and physiology.

## Most Home Ec Grads Teach One Year In This State

Thirty-six per cent of NDAC Home Economics graduates in the last ten years taught school in North Dakota their first year out of college, according to figures released from the office of Dean Alice Haley who has completed her first year as head of the Home Economics division. The remainder of graduates taught in other states, entered another type of work or were married immediately after leaving school.

During the ten-year period graduates have entered varied lines of work including teaching, extension work, social service, hospital service, commercial, art, retailing, institutional cook, cafe and restaurant cook, store buyer, store clerks, book store clerk and beauty operator.

Dean Haley's figures show graduates have taught Home Economics in Michigan, Minnesota, South Dakota, New York, Washington, Wyoming, Idaho, Iowa, Nebraska, Oregon, Montana, Ohio, New Jersey, Illinois, Colorado and Alaska.

At the end of the tenth year, forty-three per cent of the graduates were married. Slightly more than two per cent married immediately upon graduation. Dean Haley believes most graduates intend to marry at the end of the third year following their graduation.

(Editor's Note—A cut was not available of Acting Dean H. S. Rush of the Division of Engineering which includes architectural, civil, electrical and mechanical engineering and the department of architecture.)

## Soils Laboratory, Library Rank With Best Of Nation

The NDAC Soils Department has recently equipped its advanced laboratory with a complete 12 unit setup for determining nitrogen in soils. A new evaporating hood has been added equipped with a large high pressure steam hot plate. A new centrifuge for speeding up the work of mechanical analyses and studying moisture relations of soils will be added this year.

The Soils Department has one of the most complete libraries on Soil Science in this country, including such notable journals as Soil Science, Journal of Agricultural Science, International Journal of Soil Science, a complete file of the reports of the American Soil Survey Association, and complete files of the reports of the several International Congresses of Soil Science. In addition, standard references works and textbooks are included.

## AC Officials Direct 4-H Conservation Camp

Nearly 100 farm boys and girls and their club leaders attended the fourth annual North Dakota 4-H conservation camp held last week at Bismarck under direction of the NDAC 4-H club department. H. E. Rilling, state 4-H club leader, and Margaret Latimer, assistant leader, were in charge.

High spots of the camp included visits to the Great Plains experiment station, the restored Indian village and fort near Mandan, the state capitol and the state historical society museum. Horticultural demonstrations, a camp feature, were under direction of Harry Graves, NDAC extension horticulturist.

## SCHOOL OF CHEMICAL TECHNOLOGY . . .

# Elevate Chemistry To Major Division

Carrick Made Full Dean As Chemistry Rank Is Raised

When NDAC students return to their studies this fall they will find the college divided into six autonomous divisions or schools, replacing the five divisions of last year. Upon action of the Board of Administration July 27, the Division of Chemical Technology was created from the Department of Chemistry and Dr. L. L. Carrick, formerly an associate dean, was made a full dean in charge of the new school.

The state board's action places the former chemistry department on an even footing with last year's five major schools, the Divisions of Applied Arts and Sciences, Engineering, Pharmacy, Agriculture and Home Economics.

Principal activities of the new school will be presentation of beginning inorganic and organic chemistry to students in five divisions of the college. Too, the school will direct a strong research program in agricultural, organic and industrial chemistry. Begun in 1936, the research program has developed rapidly.

Work of the new school will be directed by five teachers and ten graduate assistants. Dr. Carrick, on the campus since 1920, is a former president of the local Phi Kappa Phi, was formerly a chemical engineer with Prest-O-Lite, Inc., of Indianapolis and a wartime research chemist for the Ault Aiborg company in Cincinnati.

### TWENTY SEEK AWARD

NDAC's agricultural scholarship committee will announce the winner of the Sears-Roebuck Sophomore scholarship award of \$200 shortly after September 1, according to word from Dean H. L. Walster's office. Contesting for this award are the twenty holders of Sears-Roebuck Freshmen scholarships of last year. Scholastic achievement, promise of agricultural leadership, need and other qualities are considered in making this award.

## Shepperd Reminisces Via Special Circular



Written by NDAC's President Emeritus Dr. J. H. Shepperd, the first of a series of publications on activities of the college, the Experiment Station and the Extension Division was recently published.

Entitled "Tales of First Fifty Years", the 32-page special circular is on Rescuing The Flax Crop. Dr. Shepperd has followed a conversational style in dialog form of presentation.

Recounted by the former head of the AC are his first observations on flax growing in Iowa. In 1890, while attending the University of Minnesota, he followed work of Dr. Otto Luggler, who was conducting a trial designed to reveal the nature of flax wilt.

As an agriculturist at the NDAC experiment station, Dr. Shepperd raised flax on certain plots of land until they would grow flax no more. Calling in Dr. H. L. Bolley and the late Dr. E. F. Ladd to work on their phases of the flax wilt problem, Shepperd saw Bolley first work out a method of control and finally develop wilt resistant strains.

He followed Bolley's Russian search for the best strains of flax and their methods of cultivating the crop. Later, Bolley was sent to Argentina to make a study of methods of culture there and to secure promising strains of flax.

### AT FORT SNELLING

Among fifteen North Dakota reserve officers who reported last week for a general unit training camp at Fort Snelling, Minn., were three NDAC 1938 graduates. They are second lieutenants William Breitenbach and Russell Stevenson of Fargo and Walter Hinz of Lidgerwood.

## First Chemistry Taught At NDAC In 1890 By Dr. E. F. Ladd

Perhaps even interested observers saw nothing particularly significant in the appointment of Dr. E. F. Ladd as professor of chemistry at NDAC in 1890. Yet in later years Dr. Ladd became president of the Fargo institution and his chemistry work developed into a major division of the agricultural college.

Dr. Ladd taught his first chemistry classes in historic Old Main's basement. In 1905 a chemistry building was erected between Old Main and the present engineering building. Four years later it was destroyed by fire, the present building being completed in 1911.

Expanding in 1901, the chemistry department included the newly created school of pharmacy with Dr. Ladd as dean of chemistry, pharmacy and director of laboratories. Increased enrollment precipitated designation of the department as a school of chemistry in 1918. The following year it was divided into the schools of Pharmacy and Chemistry and Technology.

### New Course Arises

The industrial chemistry course in protective coatings had its inception in 1905 with Dr. Ladd designated to set up standards and machinery to enforce a state law preventing adulteration and deception in the sale of paints. From this came the first course in paint technology, with Dr. C. D. Holley assisting.

In 1917 instruction in paint was placed in the hands of Dr. W. T. Pearce who broadened the course to include work on varnish and give the course a practical setting.

Reorganized by Dr. L. L. Carrick, present dean, in 1928, subject matter of the protective coatings course was extended to embrace lacquers and synthetic resin technology. Basic work was extended and engineering courses added.

Since 1927, 143 men have graduated from the protective coating course. They may be found in almost every large industrial center.

## Paasch Wins Danforth Award

The 1938 Danforth Scholarship for juniors in Agriculture has been awarded to Robert Paasch of Belfield. The Danforth Scholarship is a thirty-day summer scholarship. Two weeks are spent at the St. Louis plant of the Purina-Ralston Company observing the operations of that manufacturing concern, and two weeks are spent at Camp Minicawa in Michigan, the summer camp of the American Youth Foundation, a youth movement which has the splendid interest of President Danforth of the Purina-Ralston Company.

Paasch is the fourth NDAC holder of this scholarship. Others are Maurice Benidt of Lidgerwood, 1938, Pat Mach of Minto, 1937, and Sam Dobervich of Ironton, Minnesota, 1936. Previous recipients have been enthusiastic about the splendid inspirational training received.

Paasch is the son of Mr. and Mrs. Henry Paasch, ranchers of Belfield. He is majoring in Animal Husbandry and is a member of Alpha Zeta, honorary agricultural fraternity.

### OFFER JANITOR SCHOOL

When 175 school janitors attended summer conferences on school building maintenance and operation held in eight North Dakota cities, the foundation was laid for systematic summer conferences to continue three years, according to Dr. P. J. Iverson of the NDAC, pioneer in this movement. Dr. Iverson's plan is to give the janitor, superintendent and school board proper instruction though experts so the health of students and teachers may be protected and valuable school property safeguarded.

### POULTRY SCHOOL

Arranged by the NDAC poultry department in co-operation with the North Dakota poultry improvement board a four-day poultry improvement school will be held on the campus Aug. 31 to Sept. 3. Aim of the school is to aid flock owners to improve their birds and secure greater returns. Several NDAC officials will be directors of instruction.

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Fargo, N. Dak.

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I am particularly interested in the following courses:

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Bacteriology  
Dairy Husbandry  
Horticulture and Forestry  
Poultry Husbandry

### APPLIED ARTS AND SCIENCES

Education

### CHEMISTRY

ENGINEERING  
Architectural Engineering  
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## The Gathering Place for all Your Chums . . . .

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EAT LUNCH AT

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We have Faith in our Alma Mater . . . . and Congratulate You on Yours.

Drop in and see us and meet your Fellow Students.

## SERVICE DRUG STORE

J. G. HALBEISEN, ('13)

Enjoy A Delicious Dinner In Air Cooled Surroundings

For your party we suggest

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# GRAVER COFFEE SHOP

## Alumni Board Makes Early Plans For Gala Homecoming

Expect Many Old Grads To Return For Event, Oct. 29

Something unusual in the way of Homecomings is promised Bison fans this year by NDAC's alumni board which is already working on plans for a gala celebration, according to Helen Stokke, alumni secretary.

Meeting last week, the board predicted the new stadium and the fact that the University Sioux are Bison foes in the football tilt will combine to assure alumni and students of a big Homecoming.

Tentative plans schedule the annual banquet Friday evening, Oct. 28, with a business meeting and election of officers to follow. Several surprise events are promised by board members, not yet willing to divulge the nature of special features.

Supporting the belief that Bison alumni will return in great numbers for the event, Miss Stokke cites two letters received recently from alumni in New York and Oregon inquiring about the Homecoming program. Both plan to attend.

Student and alumni committees to make early plans will be appointed immediately, says Miss Stokke. Board members will not be named to committees.

Present head of the alumni group is William Guy of Amenia. O. A. Scholander is treasurer and other members are R. W. Lumry of Bismarck, G. M. Cook, J. G. Halbeisen, O. Gunvaldsen, Edgar I. Olsen and Max Hughes of Fargo.

### REGISTRATION JUMPS

Registration in animal husbandry resident courses jumped from 447 in 1936-37 to 507 in the school year 1937-38. Forty-four subcollegiate correspondence students showed a decrease from the 1936-37 figure of 67. The animal husbandry department now offers a four credit fall term freshmen course in livestock production, required of all regular agricultural students, as well as special courses on beef cattle, sheep, horses, swine, meats, care and management of livestock and animal nutrition.



WILLIAM GUY  
... heads alumni board.

## Home Economics Staff Members Have Varied Summer Activities

Six members of the NDAC Home Economics teaching staff are attending summer school, according to Dean Alice Haley.

One member, Miss Lucille Horton, on leave of absence for the last part of the last school year, is traveling in Europe and studying the English school system, with special emphasis on teacher training in home economics education.

Miss Ann Brown, head of the Art department, is studying at Harvard University under a scholarship award and Miss Evelyn Carlson is in charge of a college student training center at Casselton.

During the summer Miss Constance Leeb has been lecturing on uses of honey and has recently published a bulletin in collaboration with Miss Ruth Dawson of the Extension staff. The circular is titled, "Home Made Pickles and Relishes."

## Ag Men Find Jobs

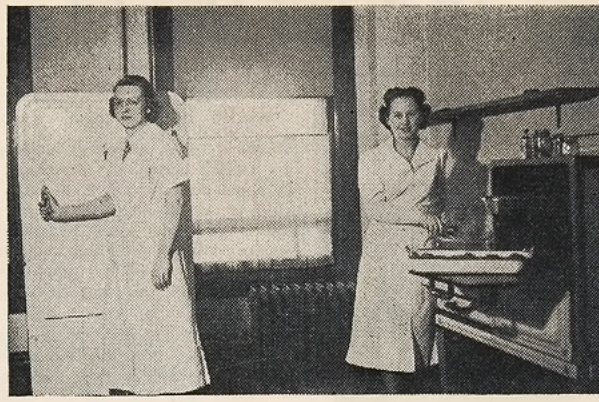
Twenty-seven out of thirty-five June graduates from the Division of Agriculture are definitely placed in positions. Of the remaining eight, opportunities for employment now developing will take most of them. Graduates and their positions follow:

Maurice Benidt, Lidgerwood, with office of Secretary of State Agricultural Conservation Committee; Philip Biewer, Dresden, instructor in vocational agriculture in Mott High School; Dayton Byram, Casselton, on home farm at Casselton; David Cavett, Lisbon, instructor in vocational agriculture in Crosby; John Clason, Akeley, Minn., with local newspaper at Bemidji, Minn.

Russel Stuart, Jamestown, Research Assistant, Botany Department, North Dakota Agricultural Experiment Station; Merlin Toussaint, Leonard, with St. Paul Land Bank, Farm Credit Administration, stationed at Oakes; Clifford Volkerding, Ada, Minnesota, Research assistant in Soils, Cornell University, Ithaca, New York; Adolph Engstrom, Leeds, instructor at Bisbee; Dale Peterson, LaMoure, working at poultry plant, Northfield, Minnesota; Rollo Piper, New Rockford, farming; Otto Sanderson, Fargo, instructor at Plaza, North Dakota; Harold Schulz, Marion, with Shotwell Floral Company, Fargo. Norton Stangeland, Fillmore, with Case Co., Racine, Wisconsin; Francis

LaMarre, Grafton, Fellowship in Soils at Virginia Polytechnic Institute, Blacksburg, Va.; Patrick Mach, Minto, with St. Paul Land Bank, Farm Credit Administration, working out of Bismarck, North Dakota; Sigurd Melsted, Edinburg, Research assistant in Soils, Rutgers University, New Brunswick, New Jersey; Arthur Newman, Fargo, Research assistant in soil bacteriology, Iowa State College, Ames, Iowa; Lawrence Fine, Sheyenne, Research assistant in Soils at University of Wisconsin, Madison, Wis.; Ovide Grenier, Thorne, Scholarship in Agricultural Economics at Montana State College; Kent Heland, Crookston, Minnesota, with Sprague Warner & Co., wholesale grocers of Chicago, located in Chicago.

Donald Kaldor, Hillsboro, Fellowship in Agricultural Economics, Virginia Polytechnic Institute, Blacksburg, Va.; Arvad Cline, Bertha, Soil engineer with North Dakota State Water Conservation Commission; Kirk Crawford, Niagara, Fellowship in Agricultural Engineering at Iowa State College, Ames, Iowa; Robert C. Erickson, Larimore, Instructor at Sherwood; Stanley Feland, Antler, Farming; Phil Hodgson, Gardner, North Dakota, class of 1938, who has a few credits to complete for his degree, is working for the International Harvester Co.



MARIAN SMITH — DOROTHY HAWKINSON  
... prepare a tasty meal in Home Economics lab.

## Bachelor Kitchens Pare College Expense

Eleven "bachelor kitchens" cut about \$17,000 off regular school expenses of 125 NDAC men students last year. According to cost estimates made on two of the kitchens run this summer by students working in college plots and at downtown Fargo concerns, kitchens should save their members just as much next year as in years past when it cost each student on the average of only \$1.50 to \$2.00 per week to board.

The kitchens, located in the basement of the Men's Dormitory, were installed several years ago. Each succeeding year they have become more

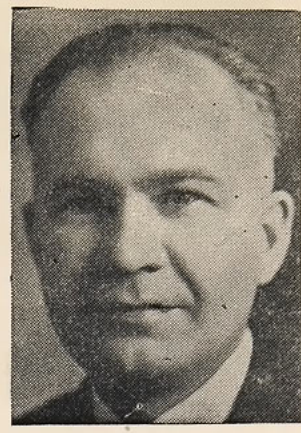
popular. Now it is not an uncommon sight for visitors to see homemade rolls, pies and cakes along with the regular bill-o'-fare grace the kitchen dining tables at meal time. Another indication of the popularity of these money savers is the reservations for the coming year. Five of 11 kitchens were filled by the close of the past college year.

Each kitchen is equipped by the Dormitory management with tables, chairs, stove, and cooking utensils. Dishes and silverware are provided by boarders.

Last year the principle of the cooperative kitchens spread to other groups and resulted in the establishment of a cooperative boarding and rooming home just off the campus.

## Thordarson Studies In East Under Rockefeller Grant

Correspondence Chief Does Research Work In Broadcasting



T. W. THORDARSON  
... studies in New York.

For outstanding accomplishments in the North Dakota supervised correspondence study project, T. W. Thordarson, state director of correspondence study at NDAC, is now studying at Sarah Lawrence College, Bronxville, New York under a Rockefeller Educational Foundation grant.

Thordarson's grant allows him four months' research and study in school radio broadcasting. To keep up with problems assigned in his present classes he is working on personal problems in Radio City.

The NDAC man will return to Fargo Aug. 15, remaining a month and then leaving for further study under leading experts in Ohio, at Stanford University in California and at Wisconsin University. He will also do research and make field studies in several other states.

During the last three years the supervised correspondence study directed by Thordarson has grown to an enrollment of 5,000, making the department the largest high school in the state. Under the set-up, farm children may study high school subjects in rural schools. Half of North Dakota's high schools use this service. Disabled children may study at home.

Thordarson also has charge of regular college extension courses with an enrollment of more than 800.

### ECONOMICS COURSE POPULAR

Courses offered in agricultural economics are proving popular with NDAC students, say officials of the Division of Agriculture. Head of the economics department is professor Cap E. Miller, assisted by Willard O. Brown and Donald R. Keene. All regular agriculture students take courses in elementary agricultural economics, farm accounting, marketing and farm management, while cooperative marketing, cooperative accounting, farm cost accounting, agricultural credit, farm law, land tenancy and ownership are popular as electives for upperclassmen. The department also offers a series of courses for the Farm Folk School, the new agricultural short course.

## NYA Girls Attend Classes, Work On Campus Projects

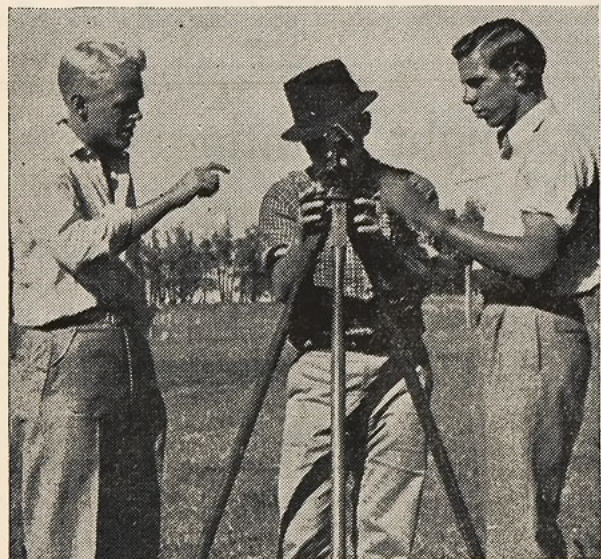
A cooperative housing project sponsored by the National Youth Administration has made possible many needed improvements in the Home Economics division. Living on the campus this summer are 30 North Dakota girls who attend classes half-days and work part time on campus projects.

Girls are housed in the ATO fraternity house under the direction of Deans Pearl Dinan and Alice Haley with two graduates, Mildred Peterson and Mary Elise Bibow, instructors.

As projects the girls have painted furniture, varnished and refinished desks and tables, cleaned, bound and dyed rugs, made draperies and other improvements in home economics classrooms. Workers have also assembled pertinent data on graduates of the division.

### SCHOLARSHIPS AVAILABLE

Applications for Sears - Roebuck freshmen scholarships for the coming school year will be accepted at the office of Dean H. L. Walster up to Sept. 1. Application blanks may be secured from his office. Eighteen \$125 scholarships are available this year.



CURTIS MELAND — RAY WHITVER — UND ENGINEER  
... survey a much-surveyed campus.

## Former Spectrum Chief Wins Scholarship

Maxine Rustad, formerly of Fargo and a 1935 graduate in Home Economics at NDAC, recently received a teaching scholarship at Columbia University. Reporting at Columbia Teachers College this fall Miss Rustad will teach and plan an integrated program of home economics with other projects.

After graduating in 1935, Miss Rustad taught home economics in Alexandria, Minn., from where she went to Fayetteville, N. Y. While a senior here she was editor of the Spectrum and a representative senior.

## FFA Group Will Aid Incoming Freshmen

The recently organized NDAC collegiate chapter of the Future Farmers of America will launch its program this fall by assisting incoming students who register in the Division of Agriculture, according to William Mutz of Jamestown, president. Members will maintain an information bureau in Justin Morrill Hall.

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Remember the....

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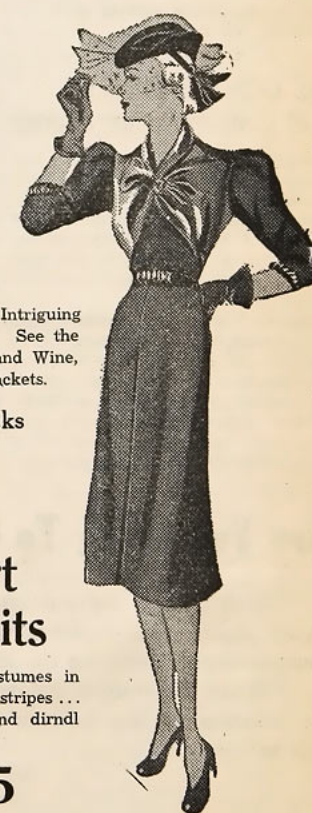
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# Bison Meet Moorhead Dragons In Season's Opener, Sept. 23

## Four Home Games On Herd's Nine Game Schedule

Iowa Teachers, North Dakota University, Greeley Teachers to Appear Here

Moorhead State Teachers College Dragons will share honors with Bison gridmen when NDAC inaugurates its first football season in the newly constructed stadium with a night game Friday, Sept. 23. Always a tough opponent, Coaches Casey Finnegan and Bob Lowe expect the Dragons to provide a severe test for the 1938 Bison grid edition. Last year the Bison downed the Moorhead aggregation 13-6.

Four home games are on the Thundering Herd's nine-game schedule this year. Iowa Teachers come here for a night game Oct. 14, with Greeley Teachers of Colorado scheduled the following weekend. Homecoming will be Oct. 28 with the Bison host to traditional rivals, "the fighting Sioux from NDU". This is an afternoon game.

For other games, the team will journey to Winnipeg to meet the Winnipeg Rugby club, to Moscow, Idaho where they again tackle Idaho University, to Vermillion and Brookings, S. D. to meet that state's two big teams and to Omaha, Nebr. for a tilt with Creighton University. The Iowa Teachers, NDU and both South Dakota teams are conference foes.

The Bison met three of these teams last year, losing to NDU 27-0 and South Dakota State 13-6 but snatching a last-minute victory from the Greeley eleven, 15-12.

The complete schedule follows:  
Sept. 23—Moorhead Teachers here.  
Oct. 1—Winnipeg Rugby Club there.  
Oct. 8—Idaho University at Moscow.  
Oct. 14—Iowa Teachers here.  
Oct. 21—Greeley Teachers here.  
Oct. 29—NDU here.  
Nov. 5—SDU at Vermillion.  
Nov. 12—SDS at Brookings.  
Nov. 19—Creighton at Omaha.

## Bernie Berman Runs In National Track Tourney

Bernie Berman, NDAC sophomore, track star and record holder in the NCI quarter-mile, represented the Bison at the NCAA Track and Field Championships held at Minneapolis, June 17 and 18. Berman did not qualify but received valuable track experience, according to Track Coach Johnny Smith, who accompanied him to the meet. Of the meet Smith says: "There, one found out what being good really meant, as all the best track stars of the nation were there."

The Bison coach thought the defeat of Wisconsin's star distance man, Fenske, by Southern California's Zamperini was the high spot of the meet. The hurdling of Wolcott of Rice was sensational and the running of Pittsburgh's half miler Woodruff was really something to behold, Smith said. Other interesting features, according to the AC man, was the high jumping of Ohio State's Albritton and Colorado's Cruter, Malott's (Stanford) victory in the quarter-mile and the pole vaulting of Oregon's Varoff. Southern California, with its many stars, had little difficulty in winning the team trophy.

The NCAA meet is the nation's outstanding track and field meet and there one can get an idea of the track team that will represent the United States in the 1940 Olympics.

## Broad Program Of Intramural Sports Set For Students

An extensive program of intramural sports has been assured for non-varsity athletes through action of the Board of Athletic Control in creating a student-governed Board of Intramural Sports.

Governed by a constitution approved by the Athletic Board, the new unit will award sweaters and letters for participation in intramural sports. Board members are James Critchfield of Fargo, president, Ed Schmidt of Mandan, and Casey Finnegan, athletic director, ex-officio member.

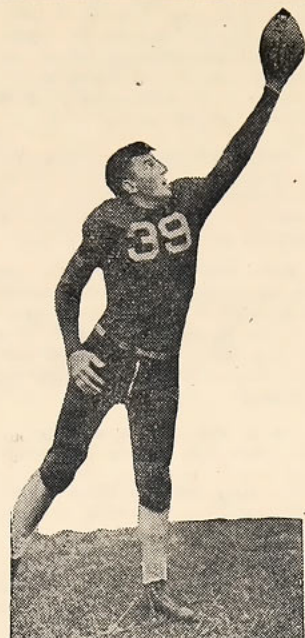
The Intramural Athletic league which results from the action consists of all social fraternities and independent organizations or groups who apply for membership.

The year's program of sports includes touch football in the fall term; basketball, hockey and boxing in the winter period, and tennis, golf, diamondball, baseball and track in the spring quarter.

## Bison Co-Captains



ERNIE WHEELER



RAY HAWKINS

## 16 Lettermen In Squad Returning For Early Practice

Ernie Wheeler, Ray Hawkins to Pilot 1938 Bison Squad

Sixteen lettermen, seven of them repeaters, will be in the vanguard of grid stars and hopefuls that Bison co-captains Ernie Wheeler and Ray Hawkins lead back to the campus Sept. 5 for a two-week's session of pre-school practice.

Prospects look very bright for a good season, say Casey Finnegan, head coach, and his chief aide, Bob Lowe. Both view with satisfaction the return of several veteran linemen, the lack of which caused the Bison mentors some worry last season.

Flank positions are well filled as are guard and center posts. First year men will probably get a chance at a tackle post, with Cecil Shrank holding down the other.

Veteran linemen like Jim On, center; Ray Hawkins and Ed Welles, ends, and Elmer Holt, guard, are returning to bolster up the Bison line which lost Forrest Stephens and Charles Pollock through graduation.

In the backfield Carl Rovig, Wesley Phillips and Bill Olson leave their pigskin-toting duties to Ernie Wheeler, all-conference halfback, Ed Peterick, Elmer Schrank and other less seasoned men.

Outstanding prospect coming up to the varsity from the freshmen ranks is Cecil Sturgeon, a 220 pound sophomore fullback. Other sophomore backs are George Hammel, Sig Erickson, Don Johnston, George Moore and Ole Quamme.

## 'Play For Play's Sake' Is Aim Of Women's Sports

"Play for play's sake" is the aim of a comprehensive program of physical education classes for coeds under direction of Barbara E. Register.

Last year volleyball was started as a major sport and was offered to all classes. In the winter term, tennis was taught in the Field House. Later girls were given special instruction in golf and a special tumbling class was organized. In the spring term rhythmic, elementary tap dancing, baseball, archery and tumbling were offered. Tournaments were held in ping pong and badminton competition, with shuffle board being played throughout the year.

Coeds play basketball in two tournaments, Delta Psi Kappa, honorary athletic group, sponsors inter-sorority while Women's Athletic Association backs inter-class competition.

Though not an actual part of the women's athletic department, riflery is a popular sport among NDAC women. Shooting is under direction of Lt. Colonel J. D. Easton. A picked women's team last year shot matches with Connecticut State College, Ripon College, University of Nevada and Coe College.

## Redecorate Ceres Hall Cafeteria, Laundry

Among improvements made on the campus during summer months is a painting and renovation program in Ceres Hall cafeteria, says Mrs. L. W. Roen, NDAC graduate and manager of the cafeteria.

Walls of the cafeteria proper, the kitchen and the small dining room have been repainted and Ceres Hall laundry rooms have also been redecorated. NYA girls have made other improvements in Ceres classrooms.

Other improvement projects on the campus include rebuilding of the lobby of the Little Country Theater and regular summer "touching-up" work such as painting, varnishing and sanding in several buildings.

## The Team....

**Ernie Wheeler—Captain**—This nifty runner, accurate passer and kicker has the Bison nomination for an All-American post. Needless to say more. He graduates in the spring and another great Bison back will have completed his college career.

**Ray Hawkins—Captain**—A veteran Bison and a deadly tackler and a more than capable pass receiver. Last season injuries put him out of competition long before the season was over. Much is expected of him this year. Ray is a senior and hails from LaCrosse, Wisconsin.

**Tin Yan Jim On**—How this huge rugged native of the Hawaiian Islands handles the center position this fall will have much to do with the success or failure of the 1938 Bison. Popular Jim On is a senior weighing 195 pounds and has all the fight and determination needed to make him the outstanding center in the North Central Conference this fall.

**Elmer Holt**—This small fighting guard has been a thorn in the side of opposition since he was a sophomore and last fall as a junior made the all-conference team. Playing his last season for the Bison he will again be outstanding in conference play.

**Elmer Schrank**—Playing his third year at the blocking back position he can be regarded as an outstanding blocker on the conference. He has the weight and speed and viciousness required of a man holding down this position. Schrank came from Grafton, N. D. to play football with the Bison. This is his last season of competition.

**Ed Welles**—This Montana lad has improved faster than any player on the roster and this season as a senior he is an outstanding end and will have much to do with the ultimate fate of the Bison team this fall.

**Gil Frederichs**—Gil is small but has lots of speed and fight. He has played practically every position on the team and is a mighty valuable man to have around. He is in his senior year and graduates in the spring.

**Ed Peterick**—Last season as a sophomore he received that experience so necessary in making an outstanding performer. This season as a junior he really should be able to gain ground from a halfback position. He is a capable passer and runner. Ed hails from Lidgerwood, N. D.

**Neal McClure**—A fighting and determined nature has made McClure the football player that he is today. Coming to North Dakota with but little experience he has developed into an outstanding lineman. This is the last season for Neal and he should be seeing plenty of action this fall.

**Alfred Bostow**—Last season he was one of the many rugged but inexperienced Bison guards, and with one varsity year behind him he should develop into a dependable lineman. Bostow comes from Max, N. D. He weighs around 185 pounds and has the ideal build for a guard.

**James Maxwell**—Maxwell is another of the Grafton boys playing football for Casey Finnegan. James has played at both a flank position and tackle. This season, his second with the varsity, may find him at one of the tackle positions. He weighs 188 pounds and is nifty enough to be either a good tackle or end.

**Cecil Schrank**—He is Elmer Schrank's 210 pound kid brother and last season as a sophomore was a starting tackle. One season of experience is all he needed to become one of the conference's outstanding tackles.

**Harry Johnson**—Harry was the surprise of last fall's sophomore crop;

starting his varsity competition with little or no experience he came along so rapidly that at the end of the season he was regarded as a regular. Much is expected of him during his junior year.

**Merrill Green**—Bison coaches have always predicted Green would become a sensational guard before he was thru playing with the Herd, and it looks as if of this is the year these predictions will be realized. He is in his second year and has one valuable year of experience behind him. Enderlin, N. D., proudly claims this Bison guard.

**Joe Kojancik**—Joe has the difficult task of displaying Tin Yan Jim On if he is to get a starting assignment, but regardless of that he is a mighty fine footballer and will see plenty of action someplace if not at the center post.

**Bernard Berman**—Here is the Bison speed merchant, holder of the N. C. I. C. quarter-mile record. He plays at end. His speed was demonstrated with devastating suddenness to Greeley State College last season when he grabbed one of Wheeler's passes in the last seconds of the game and quickly pulled away from all would-be tacklers to pull the game out of the fire.

**Waldo Southam**—Waldo is a peppy little lineman from Mohall, N. D. He plays either at center or guard and plays each well. He is a junior this season.

**Carroll Ness**—Ness learned much about football last fall as a sophomore and is now being regarded as a player who will soon be able to step in and do a good job. He has the size for an outstanding tackle and might become that very thing before he is finished with his football career.

Coming up from freshmen ranks are Cecil Sturgeon, George Hammel, Sig Erickson, Don Johnston, Ole Quamme and George Moore, who seek varsity backfield positions and Arnold Seim, Bill Kelly, Herb Kittler, Earl Marquardt, Joel Nelson, John Healy, Floyd Nejn and Pat Twomey, linemen.

### INSTRUCTORS STUDY

The annual summer conference of North Dakota high school vocational agricultural instructors July 5 to 22 found attendees enrolled in regular post-graduate study for the first two weeks. Courses offered included "Planning the Local Vocational Agricultural Program", taught by Dr. R. W. Gregory and James H. Pearson of the U. S. Office of Education and "Advanced Farm Mechanics Methods and Problems", taught by Professor M. A. Sharp, head of the University of Tennessee's Department of Agricultural Engineering.

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## SMITH SEES BISON ATHLETES PLAYING BIG PART IN NEW ERA FOR NDAC

With our new president, Doctor Frank Eversull, already at the helm, a new era is dawning for NDAC; an era that will see the Bison school rapidly pulling to the front. Bison athletic teams will play their part in that forward march, in fact, the Bison football game Sept. 23 will be the initial college activity of the new regime. Prospects for a successful grid season look brighter than they have for a number of years and it's probably a good thing that is the situation because the Bison schedule is not an easy one. Creighton, Winnipeg Rugby Club, North Dakota University, and Idaho stand the best chance to stampee the Herd. South Dakota State, South Dakota University, Greeley State and Iowa State Teachers will be represented by strong elevens and Moorhead Teachers College is not exactly an "easy touch." Any team that can win from these nine clubs on consecutive week-ends will have to be plenty good. The Bison can't win them all but I dare say they will be playing rugged and smart football. The alumni, I am sure, will be proud to claim the Bison team this fall.

The new NDAC athletic field is just about completed and will be ready for the opening game with Moorhead State Teachers Sept. 23. Nowhere in the country will spectators have a better place to watch a football game than at Dacotah Field. All seats are on the sides of the field which enables everybody an excellent view of the game. An ample press box decorates the north stand, which, no doubt, will be good news to Fitzgerald, Hurley, Prough, Locklin and others of the profession, who, in the past found the old press box cold and cramped.

Athletic Director C. C. Finnegan expects to see the new stands filled at least twice this fall. The stadium dedication ceremony and game Oct. 14 should draw hundreds of well wishing fans to the new field. The state administration intends to give their support to the Bison-Nodak encounter Oct. 29. The latter game should draw the largest crowd ever to watch a football game in North Dakota.

Each fall at this time Coach Finnegan and Coach Lowe of NDAC make their annual drive for athletes. After many years at the job they are quite effective in selling the college to prospective athletes, but the amount of influence that they have as compared with that possessed by students, alumni and friends of NDAC throughout the state is small. Indeed, these groups really have a large part to play in making successful athletic teams at NDAC. They are the ones that can best influence students to come here. The institution realizes their potency and appreciates the good work done in the past. We hope that every student, alumni and friend of the college will, this summer, put forth added effort to encourage high school graduates to attend this college. If strong athletic teams are to be maintained here we will have to have your strong support.

At the coaches meeting, prior to the NCAA Track and Field Championships held last June in Minneapolis, the drawing for heats and lanes was underway. All the prominent track coaches of the nation were there, some not very prominent were there also. During the drawing for the quarter-mile run, "Bernie Berman," the name of the Bison ace runner, was called and all of the coaches had quite a chuckle. They probably had a vision of Bernie Berman, famous Minnesota football coach, plodding around the quarter-mile.

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# NDAC First Lady of the Air..

Meet Fay Ann "Toddy" Nelson, NDAC's air-minded coed who soloed after eight hours and forty minutes of flying instruction. Miss Nelson, a junior in home economics, now has seventeen hours in the air to her credit. She is the daughter of Mr. and Mrs. C. A. Nelson of Fargo.



# Farm School Proves Popular Say NDAC Officials

That the Farm Folk School was popular with the young men from sixteen North Dakota counties who were enrolled last year is indicated by letters received by Dean H. L. Walster.

A student from Bowman County writes: "Water conservation and irrigation—two much talked of subjects today—and what important ones they are—were of keen interest to me. Every known soil and water conserving practice was taken up and discussed and under irrigation the building of dams, preparing the land for the water and the different ways and types of irrigation."

Instructor in this course is William H. Farmer, extension irrigator, whose services were secured through cooperation of the Extension Division and the State Water Conservation Commission. Farmer, a graduate of the Oregon Agricultural College, is thoroughly versed in irrigation, growing to manhood on a Willamette Valley irrigated farm in Oregon and receiving further training at O. A. C.

Assisting in presentation of the program of the Farm Folk School are many specialists outside of the college, enabling the program to remain in touch with the most recent thought.

The North Dakota Farm Folk School which opens Nov. 14 will offer several courses which have never been offered on the short course basis. First year students will take a sequence of three basic courses in three successive terms, The Animal World, The Plant World and The Human World and Rural Society.

Other new courses include The Geology, Geography, and Natural Resources of North Dakota and History of North Dakota. President Emeritus J. H. Shepperd, Professor C. A. Sevrinson, Dean of Men, and H. L. Walster, Dean of the School of Agriculture, and other experienced teachers will handle these new types of short courses.

The Farm Folk School two year schedule of fifteen weeks each year, divided into three terms of five weeks holds to the point of view that farm folks demand that their sons should have both liberal and technical training. In addition to the liberal courses mentioned above, students will have opportunity to elect a series of "group participation" courses, including Parliamentary Practice, Public Speaking, Plays and Programs, Social and Personal Development and Family Relations, Group Discussion and Community Music.

# The Campus.....

By means of the following short descriptions of each building and the sketch above, a fair conception of the appearance of the NDAC campus may be obtained. There are 13 large buildings strictly for educational purposes and several others are the property of the College proper and the North Dakota Agricultural Experiment Station. —Ed.)

**Old Main**—This is the most historic structure on the campus. It houses offices of the president, registrar, secretary, Dean of Men, Dean of Women, alumni secretary, correspondence school, college postoffice, college bookstore and the famous Little Country Theater with its Lincoln Log Cabin. The college clock is in the tower of Old Main.

**The Library**—Here may be found most of the books belonging to the college. Also available are many newspapers, periodicals and government publications. Books are kept on the main floor and in the basement. There are two large reading rooms for students.

**The Engineering building**—Directly connected with the Mechanic Arts building, this structure contains lecture rooms, laboratories and engineering offices. The architecture department comprises the third floor.

**Mechanic Arts**—Laboratories and rooms fitted for drafting are found here. In the college forge in this building, students are instructed in blacksmithing.

**Science Hall**—This four story building with its two wings is the largest on the campus and is the school's principal

classroom building. It houses the Division of Arts and Sciences, the departments of mathematics, art, botany, zoology, English, modern languages, history, social education, education, plant pathology and college high school.

**The Power House**—The heating plant of the college, it has one of the tallest smokestacks in North Dakota. A spur from the Great Northern tracks runs up to the building.

**Justin Morrill Hall**—Offices and classrooms connected with the Division of Agriculture, the Experiment Station and the Extension Division fill this building, one of the finest on the campus. Its bacteriology lab. is admirably equipped.

**Francis Hall**—This houses labs and classrooms of the Division of Pharmacy.

**Veterinary building**—Offices and laboratories of the department of veterinary science are located here.

**Dairy building**—A completely outfitted creamery comprises the first floor of this building which also has offices and classrooms of the Dairy department.

**The Barracks**—This long, rambling, wooden structure is used for varied and ever changing purposes. The college wood shop and the livestock show ring, scene of traditional Little International Livestock Shows are here. It is this building that college officials seek to remodel into a Farm Folk School.

**Chemistry building**—Here are offices, library, laboratories and several large lecture rooms of the Division of Chemical Technology.

**Music Hall**—NDAC's veteran bandmaster Dr. C. S. Putnam has his hang-

out here, the headquarters of the music department.

**Festival Hall**—Formerly the college armory, Festival Hall now is a recreational center. Here are held all convocations, lyceum courses numbers and college parties as well as the traditional college musical show, Bison Brevities.

**Ceres Hall**—Acting as a girl's dormitory, this building also contains the college cafeteria and the Division of Home Economics.

**Home Management House**—Home economics students get practical experience in household management here, many girls living in the house for several weeks.

**Men's Dormitory**—Constructed in 1930 this is one of the newest buildings on the campus. Besides residence rooms for students there are one room apartments for proctors, a manager's apartment, office, lounge rooms and a full basement containing a canteen, co-operative kitchens and additional living quarters.

**Field House**—In this building NDAC has one of the finest athletic plants in the northwest. Completely fireproof, it has floor space for three basketball courts, a large stage, an unfinished swimming pool, lockers and dressing rooms, an indoor track and an indoor rifle range. It also houses the school's military department and athletic offices.

**School of Religious Education**—Dr. Walter Lee Airheart presides over classes in religion in this modern single story structure, constructed in 1936 by voluntary contributions. The school, with Dr. Airheart's residence and lawn, is one of the campus beauty spots.

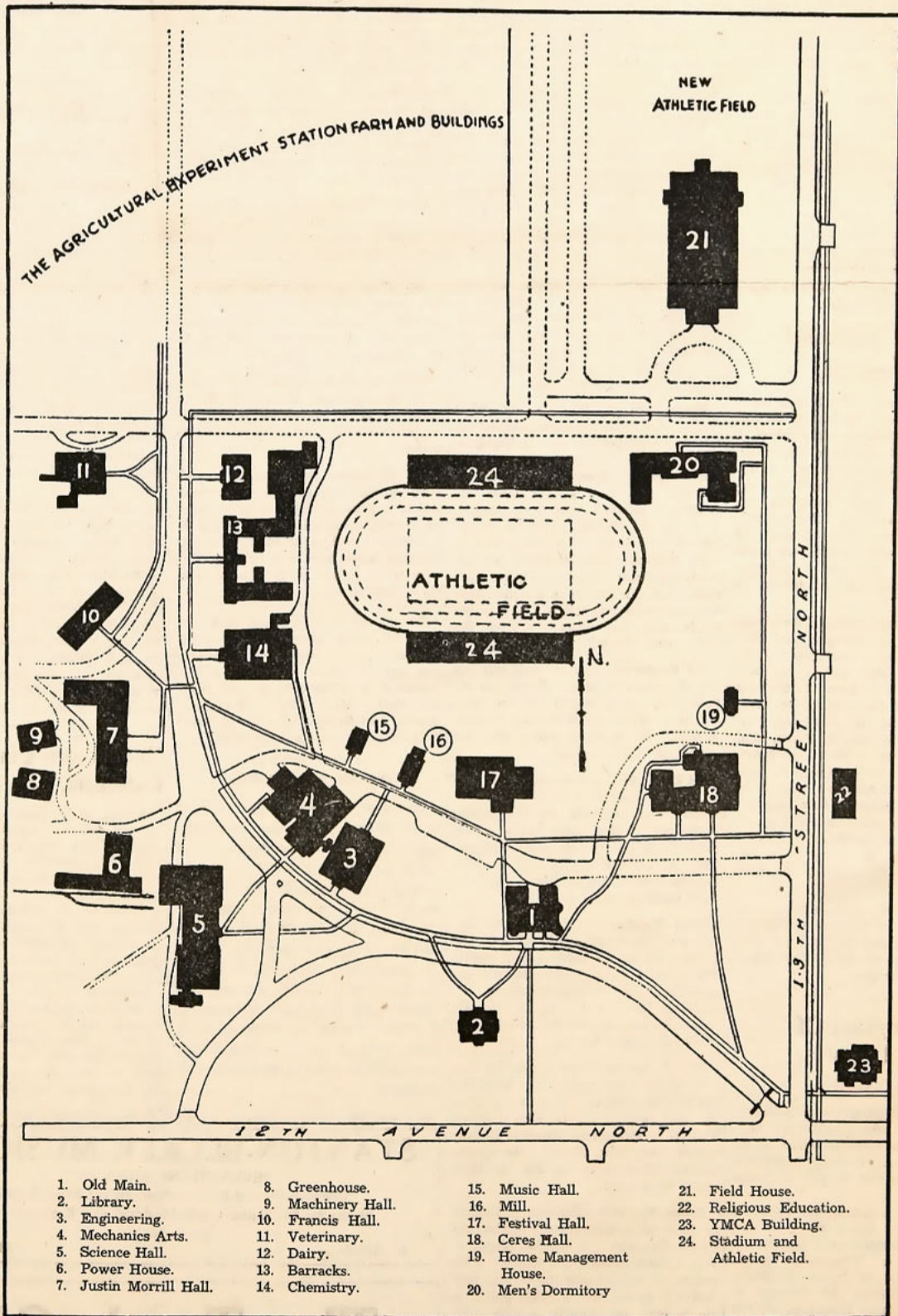
**YMCA**—The YMCA building, which is just opposite the campus gates, is a popular gathering place for NDAC students. Its spacious lobby is comfortably furnished, as is the "Fireside Room", used as a meeting place for campus societies. An auditorium on the third floor and the "Dugout" in the basement are popular features of the YMCA. Part of the structure is used for the YWCA and houses a lobby, offices, kitchen and rooms for three campus sororities.

**The Stadium**—Newest acquisition to the campus is this \$40,000 structure which seats 10,000. The stadium has a commodious seating plan with plenty of space and comfortable seats for attendants at football games and other athletic events. The gridiron proper is encircled by a wide quarter-mile track. The field is equipped with floodlights for night games.

There are four greenhouses on the campus, two are west of Justin Morrill Hall and others are connected with Science Hall and the Chemistry Building.

Several other buildings are incidental to the college, including nine fraternity houses and one sorority house. Two sororities have apartments in private homes and three are housed in the YWCA.

On the campus green just south of Old Main is a statue erected to Bjornstjerne Bjornson, famous Norwegian writer, and south of Ceres Hall is president Worst's Memorial Grove, where one tree is planted for every NDAC student enlisted in the Spanish-American War.



- |                         |                    |                            |                                 |
|-------------------------|--------------------|----------------------------|---------------------------------|
| 1. Old Main.            | 8. Greenhouse.     | 15. Music Hall.            | 21. Field House.                |
| 2. Library.             | 9. Machinery Hall. | 16. Mill.                  | 22. Religious Education.        |
| 3. Engineering.         | 10. Francis Hall.  | 17. Festival Hall.         | 23. YMCA Building.              |
| 4. Mechanics Arts.      | 11. Veterinary.    | 18. Ceres Hall.            | 24. Stadium and Athletic Field. |
| 5. Science Hall.        | 12. Dairy.         | 19. Home Management House. |                                 |
| 6. Power House.         | 13. Barracks.      | 20. Men's Dormitory.       |                                 |
| 7. Justin Morrill Hall. | 14. Chemistry.     |                            |                                 |

# New Faculty Faces....



DR. F. M. BOLIN  
... animal pathologist.

Appointments to the faculty of NDAC during the last several weeks include Dr. F. M. Bolin as associate professor of animal pathology; Dr. Earl J. Anderson, instructor in botany; William M. Johnson, associate professor of soils; Dr. G. D. Kinzer, instructor in physics, and Stanley Saugstad, graduate assistant in entomology.

A few other appointments are yet to be made, including the naming of several graduate assistants in chemistry and two instructors in the Division of Applied Arts and Sciences.

Dr. Bolin, former assistant veterinarian at Oregon State college, also will serve as animal pathologist in the experiment station. He succeeds Dr. L. M. Roderick. Dr. Bolin graduated from Iowa State college with a doctor of veterinary science degree in 1929.

Johnson, whose home is in Watford City, is a graduate of this institution. He has a master's degree from the University of Wisconsin where he worked under Professor Emil Truog, international authority on soil chemistry, and Professor George S. Wehrwein, well known authority on land economics.

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