



Taking the driver's seat during Homecoming festivities is Queen Carol Olson. Attendant Amy Larson is seated to the right, and Attendant Margaret Benedict is standing to the extreme right. Other candidates L. to R. are Patricia Roberts, Karen Zeilsdorf, Yvonne Mousseau and Sharon Mische.

The Spectrum

Carol Olson Reigns As Queen

Carol Olson is the 1959 NDSC Homecoming Queen. Carol was crowned at a special dance Wednesday evening in the Student Union. She is attended by Margaret Benedict and Amy Larson.

The Homecoming festivities began with a pep rally and bonfire before the dance Wednesday evening. Carol's first honor was the special Queen's Banquet held last evening. President and Mrs. Hultz, together with other special Homecoming visitors were among the queen's guests for this event. The banquet was sponsored by Student Senate and Senior Staff.

At 9:40 a.m. today, the special Homecoming convocation was held in Festival Hall. Governor John E. Davis lit the torch at 10:30 a.m. on the Capitol steps in Bismarck. This started the 200-mile marathon by NDSC students from Bismarck to Fargo. The torch will arrive in Fargo tomorrow morning at 9:00 a.m. to begin the parade.

Alumni and friends of the college will arrive on campus today and the Alumni Association will hold a special smorgasbord and dance tonight at the Elks Club from 9-12 a.m. for visiting alumni. The class of 1934, celebrating their 25th reunion, will be honored throughout the Homecoming activities. A special luncheon will be given in their honor in the Union tomorrow noon following the parade.

Queen Carol begins tomorrow's activities at a breakfast and then presides over the parade. The parade will include Miss Indian America, the NDSC Gold Star Band, torch runners, ROTC units, 25 floats and many other marching groups. Following this the queen is again honored at a luncheon.

Game Time—1:30

The Homecoming game at Dacotah Field will begin at 1:30 p.m. It will be the fourth conference game for the NDSC Bison and the fifth for the UND Sioux. The age-old rivalry between the schools dates back to 1894. The huge, 75-pound Nickle trophy—with an Indian on one side and Bison on the other—will be at stake in the football battle, as it has passed on to the winner since 1937.

Half-time activities will include the Gold Star Marching Band, the presentation of the Queen and her royalty, and trophies for the best floats and house decorations.

Pants Exchange

The end of the game will see the climax to the annual pants-betting contest. Noel Estenson, NDSC Student Body president has a bet with Al Rogness, UND student body president. The president whose college team loses the game will lose his pants.

Following the game, all fraternities and sororities will hold open house.

The climax of Homecoming for the Queen and the college is the dance tomorrow night in the Field House beginning at 9:00 p.m. Les Anderson's orchestra will play for the dance where the Queen and her attendants will have their last formal presentation.

NDSC Enrollment Tops Past Years; Freshmen Lead With 1000 Students

Enrollment at NDSC topped 3400 this quarter. This is 153 above the enrollment figures of last fall. Of this total, 3320 are on-campus students and 83 are off-campus students in the television course and an extension course at Lisbon, N. Dak. Resident students number 2678 while there are 642 non-residents.

There are 2662 men enrolled compared to 658 women students. That makes a ratio of four men to every girl.

Eight hundred and twenty-four students are attending college for the first time. Transfer students number 302.

Engineering leads the school enrollment with 1058. Of this number four are women. Enrollment in

other schools are Applied Arts and Sciences—850; Agriculture—540; Home Economics—314; Pharmacy—307 and Chemistry—107. One hundred and forty-four students are enrolled in continuation courses.

The Graduate School showed a significant increase with 285 enrolled, nearly doubling the number last year of 148 students.

Totals by classes are Freshmen, 1001 (766 men, 235 women); sophomores, 733 (587 men, 146 women); juniors, 631 (534 men, 97 women); seniors, 619 (512 men, 107 women); special students, 51 (26 men, 25 women); continuation course students, 144 (99 men, 45 women); and unclassified 83 (32 men, 51 women).

Half of Married Students Live On Campus In Housing Facilities

Where do the married students live? According to Dean C. A. Severson's office there are about 700 married students attending NDSC. About 48% live in campus student

housing facilities, namely unfurnished apartments and mobile homes.

Stadium, Northwest and West Court are mobile home areas, Bison and North Court are apartment units. Capacity and rentals are as follows: Stadium, capacity 79, rental \$17.00; Northwest 11, rental \$10; West Court 62, rental \$17; North Court, 160, rental for undergraduates is \$32.00 and graduate students \$37.00.

Bison Court, 59, rental for students \$85.00 for two bedroom units, \$70 for one bedroom units. Faculty and staff rental for Bison is \$100.00 for two bedroom and \$85 for one bedroom.

Graduate students are limited to two calendar years of occupancy in any campus housing.

For several years there were long waiting lists for student housing; this was relieved by the opening of West Court in Sept., 1958. These lots are longer and wider to provide space for trailers over 40 feet in length.

Tentative plans are to close Northwest trailer court to provide area for construction of a new plant science building.

SC Campus Streets Paving Completed

More concrete paved streets will be added to NDSC campus soon. Erling Thorson, Superintendent of Buildings and Grounds, said he hopes paving will be completed before Homecoming, October 17.

The new paved streets will be West College Street, starting from north of Shepard Arena, to 15th Avenue and to 13th Street North. A strip of 200 feet will be laid past the new Pharmacy Building site and a strip of equal length will be laid past the proposed Agricultural Science Building.

Northern Improvement Company, who started excavating September 24, has the contract. All excess dirt from the new paved streets was hauled to the South Minard parking lot for fill.

Off The Editor's Cuff

By Bob Thompson

WELCOME! WELCOME ALUMS! The Spectrum and the student body would like to welcome you back to campus.

BEFORE I WRITE another thing let me thank Overvold Motors and Mandel's Furs for loaning us the merchandise for the colored picture on the front page.

IT HAPPENED.

A fraternity has been put on probation. Alpha Tau Omega fraternity has been found guilty of illegally pledging one man. As a result they can't pledge for the remainder of the academic year.

Here is the bad part of the story. All of the men who were illegally pledged (evidently there were more than one) had their eligibility cards dated Oct. 19. This means that they can't go active until fall quarter next year. To me this is punishing the innocent for what the guilty have done.

WHILE ON THE FRATERNITY BIT—

We'll all have to admit that the ATO's were wrong. I believe there is another wrong in the fraternity system. There are a couple other fraternities that should be reprimanded. (I will not mention them as rushing is going on at present.) Anyway, they haven't made the "all-men's average" for the past couple of quarters.

There are no rules in the IFC constitution covering this topic that I know of, but to protect the fraternity system on campus something should be done to correct this situation.

A REMINDER—

All social organizations who want to get their social news in the paper must get it in the social editor's box by 12:00 Tuesday.



Letter to the Editor Answer Could Be Open-Mindedness

In recent issues of the Spectrum, letters to the editor have appeared condoning reforms on our campus. Both Mr. Estenson and Mr. Shea were advocating reforms and were suggesting specific methods through which their ideas could be implemented.

I would like to suggest that something has got to happen between this period of protest and change. Something has got to make a lasting impression so that the changes seem relevant even after the protests die away.

There are several ways one could approach this problem. I think that the simplest way to summarize it would be to use the word liberalism.

By liberalism I mean Webster's definition of the word: tolerance of other's views as well as open-mindedness to ideas that challenge tradition and establish institutions.

I was very interested in Mr. Shea's reference to atomic war. It was the first such reference that I have read in our school paper. I have often wondered whether the campus has considered itself so far removed from the world tensions that it feels no urgency about them, or whether we are so apathetic that we don't give a hoot!

We have become so steeped with our traditional patterns of life that we cannot see the forest because of the trees. The core of our campus's extracurricular interests is its social functions.

Take for instance our present submergence in the Homecoming festivities. I do not mean to say that we shouldn't participate in these celebrations. Instead of seeing Homecoming as a traditional blast (although I intend to have as much fun as anyone else) we should see it as an opportunity to add to our experience.

We no longer question anything. We think that those who do are radical. They are, I admit. But is there anything wrong with this?

We accept everything that is given us in the classroom and outside the classroom as if it were a gift that we can't examine or return.

I think too that the attitude of many students is one of plain apathy. They really don't want to question anything.

There is no desire for a search of any type other than that which the school has set down in its curriculum (if even that far), because it is required for graduation.

Have we reached the point where we haven't got enough guts to do things for which we will receive no credit, either in or out of school? Or are we afraid of what we might learn?
Denny Smith, AAS Jr.

Letter to the Editor

This Is Great Era Of Half-Done Job

This, in America, is the great era of the goof-off, the age of the half done job, if done at all.

The land from coast to coast has been enjoying a stampede away from responsibility. It is populated with laundry men who won't iron shirts, with waiters who won't serve, and college students who won't participate. We find this especially true around Homecoming time.

Each fall our institution has a big, gala event called Homecoming—the biggest event of the fall season. As in past years, the Homecoming event this year will be run by a small minority of students on the campus of NDSC.

We boast of an enrollment of 3400 students. Of this large number less than 100 have an actual part in planning and carrying out the plans to make this event a success. Why?

Are our fellow students not interested in the welfare of our college? Are they falling into the era of the goof-off. Maybe the answer is much simpler; maybe we have too many students who are just plain lazy, or are thinking of themselves rather than the betterment

of the institution that is providing them with the education that will determine their place in life.

There must be some way to find the answer and activate this tremendous wealth of manpower—for what would Homecoming 1960 be like if 3400 students contributed to it's success,

Let's hope that our students are becoming sick of this new, American idea of—goofing off.

Sincerely,
Larry Hunter

Prexy Bets Pants On Bison Victory

"State is backing you." That's what we hypocritically boast at each pep rally and game as we sing our pep songs. There must be an unwritten "if" clause between the lines—"if you're ahead by a narrow margin."

Time and again our sports writers throw digs at us like "more noise comes from hospital tea parties"—and probably justifiably so.

I'm confident we've got the homecoming game in the bag, though—confident enough to bet my pants with the Student Body President of the northern branch of North Dakota's University.

People associate winning football teams with Universities; we can have both if we support them with SPIRIT!

School spirit is part of the foundation upon which our college community is built. Without it, we have an empty facade—void of life, heart and vitality. With it our horizons are limitless—our goal of the Bison's beating the pants off the Sioux (and their Student Body President) are attainable.

Noel Estenson
Student Body President

Switch In The Pursuit Of Education

At a time when institutions of higher learning are giving particular thought to what is expected to be a heavy influx of students in the years ahead and to methods of improving standards, it is of some interest to note the proposal made by Dr. Harvey M. Rice, the new president of Macalester College of St. Paul, at his recent inaugural.

He suggests that colleges switch from two to three semesters a year. Under this plan, colleges would operate the year round, without a three-month summer vacation.

"Why has it been assumed that young adults between the ages of 18 and 22 cannot pursue intellectual activities effectively and profitably more than 30 to 32 weeks of each year?"

Dr. Rice believes that such a program would benefit the student by allowing him to complete what normally is a four-year course in about two calendar years without downgrading the quality of education.

He explains his thinking in this fashion: "In spite of pessimistic attitudes in many quarters, it is my conviction that young people entering college today are more knowledgeable, are more mature and are more certain of what their goals in life are than any previous generation. This means that with proper curriculum, the right kind of motivation and guidance, and with effective teaching, what can be accomplished by them is far greater than we suppose. It is my belief that they will rise to an inspiring challenge and achieve far greater excellence than we have ever expected of them."

Such a program, if handled wisely and if the quality of the curriculum can be maintained, would speed students on their careers and also ease the pressures on college facilities—and these pressures are a No. 1 problem now with universities and colleges throughout the country.

Via the Ivy Line

by JAN KIPPEN

With apologies to Margaret Cooper of the Kansas State Collegian for use of idea and title in part, I begin what may be a feature of the Spectrum: a forum of events, ideas and activities from other college newspapers around the nation.

FRATERNITY FLOATS AND HOUSE DECORATIONS at Homecoming were abolished at Kansas State U by the Inter-Fraternity Council. The IFC felt that too much time and money was spent on them for the return, and that the entire fraternity system should try to dislodge the idea of the American public that fraternities are only interested in social success.

NO WHEELS? The K-State Panhellenic Council voted to continue floats and decorations but stipulated that they must have no moving parts. Bystanders may have the novel experience of seeing a float carried down the street. Or maybe that clause rules out people also!

OLD COLLEGE traditions at Montana State read that "No high school letters, emblems, or numerals are to be worn on the campus by college students." How sad it is for a freshman to part with those last remnants of past glories.

PAJAMA PEP RALLY — Good grief, Charlie Brown. A K-State pre-game pep rally was held on the Union terrace where rooters spurred the team on to victory, clad in their wildest and loudest PJs. A pajama juke box dance followed. This must be what is termed administrative liberalism.

FRONT PAGE item in the Indian Daily Student reads, "Besides ori-

entation, tests, and a football season, Indiana University is offering classes this semester."

THE SPECTRUM

The Spectrum is published every Friday at Fargo, North Dakota by the NDSC Board of Publications, State College Station, Fargo, N. D. Subscription rate \$1.00 per term.

Entered as second class matter, December 10, 1945, at the Post Office at Fargo, North Dakota, under the act of March 3, 1879.

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Patriotic Thought Out In Left Field

About your patriotic thought in the paper, maybe it was meant well but it was out in left field.

Since our UNIVERSITY is an American institution the flag should fly as much as possible and not be taken down whenever it rains. It would be nice to have a base flag 10'x9' instead of our "all purpose flag" 5'x9'6" in which case the latter could be substituted in inclement weather.

Sincerely,
Jon Greenley



Hi-Society

By Evanne Grommesh

Plain Fancy Pony Tails Go Back To School



WELCOME ALL ALUMS and guests to NDSC Homecoming . . .

BIG DANCE for you alums tonight at the Elks Club at 9 . . . Tomorrow the really big parade starts at 9 a.m. . . the game at 1:30. Let's win back the Nickel trophy! Don't forget free coffee after the game at all the open houses on campus . . . then topping off the festivities will be the dance with the swinging music of Les Anderson and his orchestra.

HERE'S ALSO a top notch lyceum tonight at 8:15 at the fieldhouse . . . Master Players of Lugano, Switzerland . . .

AFTER A BIG WEEK of float building and the rest . . . plus those midterms . . . sawing wood—zzzz—sounds like a winner on Sunday . . .

NEWS FROM the Theta House . . . Betty Dahm of Fargo is a new pledge and Gloria Warner and Toni Woodmansee are new KAT'S . . .

LITTLE BOY: "A big boy called me a sissy today."
FATHER: "Well, what did you do?"
LITTLE BOY: "I hit him with my purse."

HAPPY ANNIVERSARY SAE's . . . the fraternity is celebrating its 25th year on campus by having a banquet at the Moorhead country club on Saturday night . . . and the dedication of their new house . . . Hear alums are coming from all over the country for the affair . . . even from the faraway Florida . . .

FROM THE Alpha Gam house . . . a candle passing . . . and the girl blowing it out was Marlene Olson . . . She's engaged to Rodney Priebe, Larson, N. D. . . .

HERE'S TWO THAT took the big step . . . Lois Hermanson, senior in Home Ec. and Leonard Neubauer in sales . . . were married last week . . .

ACTIVES AT THE Theta Chi House now include Ron Porten, Jerry Fisher, Ron Kostelecky, Jon Culver, John Hendrickson, Patrick Burns, Willis Kingsbury and Lee Hamilton.

Sigma Alpha Iota
Sigma Alpha Iota, honorary music fraternity held its first rush party Tuesday, Oct. 6.

Fourteen girls attended, ranging from freshmen to seniors. Diana Herman, president, served as hostess. She gave a talk explaining SAI and its obligations.

Girls given bids to join SAI must be majoring or minoring in music or unusually talented in music.

Tryota
Miss Kathryn Weesner, head of the art department, will be guest speaker at the Tryota meeting October 21. Miss Weesner will tell about her trip to Europe.

Freshman initiation will precede the meeting. All home economic students are asked to attend Tryota.

Mrs. Myrtle Challey and Mrs. Alden Higgins have been selected advisors for this year.

Coffee and cookies will be served following the meeting.

Panhellenic
Junior Panhellenic meets Tuesday, Oct. 20 at 12:30 in Miss Thompson's office.

Regular Panhellenic meets Wednesday, Oct. 21, at 7:00 in conference room B in the Student Union.

LEADING THE PLEDGES at the Sigma Chi house are Lynn Crooks, president; Donald Kearney, vice president; Robert Veen, secretary; David Schafer, treasurer; Ross Johnson, social chairman; Kenneth Carpenter, corresponding secretary; Richard Seekins, historian; Paul Grothe, sergeant-at-arms; and Lawrence Fink, editor.

PLEDGE OFFICERS at the Kappa Psi's . . . Dave Trowbridge, president; Sherry Bassin, vice president; John Studsrud, secretary treasurer; Arlen Berger, social chairman; and Sam Phillips, chaplain.

HAVE YOU READ the book called "Three Miles to the Outhouse" by Willy Makeit?

ANOTHER GROUP of new pledges . . . Farm House . . . Peter Richman, Tower City; John Topp, Grace City; Earl Tviet, Kempton; Ron McAdoo, Washburn; Loren Bell, West Fargo; Barton Severon, Adam; Vernon Boeshans, Beulah.

Kappa Epsilon
Kappa Epsilon, an honorary pharmacy society, will sponsor a tea in Meinecke Lounge at 8 p.m. Wednesday, October 21.

Gavel Club
Gavel Club will hold a regular meeting on Thursday, Oct. 22, at 7:00 p.m. in the Lutheran Student Center.

Gavel Club is an affiliate of Toastmasters Internation, and as such, its primary purpose is to improve ones speaking ability. Anyone interested is invited to attend.

Guidon
Do you need your shoes shined or a button sewed on?

Members of Guidon are sponsoring a shoe-shining and button-sewing project at the Union Friday afternoon, Oct. 23. Receipts will be used to sponsor teas for military personnel and other functions throughout the year.

Blue Monday Tea
The next Blue Monday Tea will be held on Oct. 19 in Meinecke Lounge of the Student Union from 4 until 5 p.m. Hostesses will be members and officers of the Association of Women Studnts. All women students are invited.



The Indian Pony



The Bullfighter



The Sea Shell

A new hair style for every day of the week—and all based on the popular pony tail. For active sports or the quick morning dash to class, a girl may choose the plain version which combs quickly into place, remains neat through a fast game of tennis or the stress of an algebra session.

When time allows and especially for movie dates, afternoon teas or football game and the gatherings which follow, she'll try the Bullfighter or Seashell. For special occasions — dinner parties and dances—a fan, a Madame Butterfly knot at the Oriental-looking flower drum style will give just the right touch of glamour.

Who's to guess the every-day pony tail is at the bottom of it all? The **SEA SHELL:** This is a special occasion style with a touch of airy lightness. Gather all the hair into a pony tail about three inches directly about the top of the left or right ear. Secure with an elastic band, brush and comb hair smooth and roll towards the face to form a huge, fanned pouf. Secure pouf with queen size clips and feather the ends.

The **INDIAN PONY:** Create a high pony tail, separate a small hank of hair at center, then turn half of remainder up and under, bottom half down and under and fan out till dangling from the center of a neat chignon. An elastic band adorned with golden button, ward the face and form into a large pouf on each side, similar to the Montera worn by bullfighters.

The **BULLFIGHTER:** Twin pony tails are the basis for this unique style. Part hair down back and fashion pony tail about three inches about each ear, securing each with elastic band. Roll each forward to-

Several Girls Take Engineering Course

"What! Girls in our classes?", might have been the remark of NDSC engineering students when several home economics seniors enrolled in a former "men only" class in industrial engineering.

The regular course in Principles of Industrial Organization, taught by Prof. M. B. Richardson and Instructor Thomas Serrin, has been opened to home economics students interested in institutional foods work.

Senior girls who are taking advantage of this service course in engineering are Kay Alm, Sara Lou Bjerken, Margaret Ranger, Pat Roberts and Julie Staber.

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WELCOME GRADS!

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Campus Activities

YWCA
The religious staff will meet in Father Durkins Office in St. Paul's Chapel at 10:00 on Oct. 21. Members of all denominations should be present. On Oct. 22 the YWCA will meet. The meeting will be in Ceres Hall at 6:00.

The YWCA will sponsor a trip to the Opportunity School in Fargo on Oct. 23. Students are invited to meet at the Library from 2:00 to 2:15. Rides will be furnished to and from the school.

Scriptease
Oct. 6 Scriptease winners pick up money in Spectrum office Monday, Tuesday or Wednesday.

IRC
The Inter-Religious Council will meet Monday, Oct. 19 in Conference Room B in the Student Union at 9:15. All members are urged to attend.

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• Fine Furs
• Distinctive Cloth Coats
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"A Good Place To Meet - A Good Place To Eat"
FOR FAST SERVICE AND TASTY FOOD—IT'S THE
A. C. HASTY TASTY
Across from the Campus
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Serving the College Students for 22 Years
REED CLEANERS
Across The Campus From NDAC
Open Till 8 p.m. Every Evening

Pharmacy School, Hospitals Offer New Program for Graduate Study

The School of Pharmacy, in cooperation with St. John's Hospital, St. Luke's Hospital, and the Veterans Administration Hospital, offers a Graduate Program leading to the degree of Master of Science in pharmacy with a major in hospital pharmacy.

The four students participating in this program are: George Sonners, Fred Winter, Warren Samuelson and Riley Rogers.

The program consists of a two-year period of study—one year devoted to course work in the School of Pharmacy and one year devoted to the actual practice of hospital pharmacy in the three accredited Fargo hospitals. The completion of research and thesis requirements is also accomplished during the internship year.

The course work includes classes in product formulation, adjusted solutions, dermatological preparations, isotope techniques, hospital pharmacy, hospital pharmacy administration and pharmacology. Related work in the fields of economics, personnel management, accounting and bacteriology are also available.

During the internship period, stress is placed on general dispensing, administrative procedures, manufacturing processes and other phases of hospital pharmacy.

At the present time, each student receives a stipend of \$2,860 during the internship year.

A scholarship from the Chas. Pfizer Co. is granted to a student participating in the Hospital Pharmacy Program. Inquiries regarding financial assistance for this graduate program are invited.

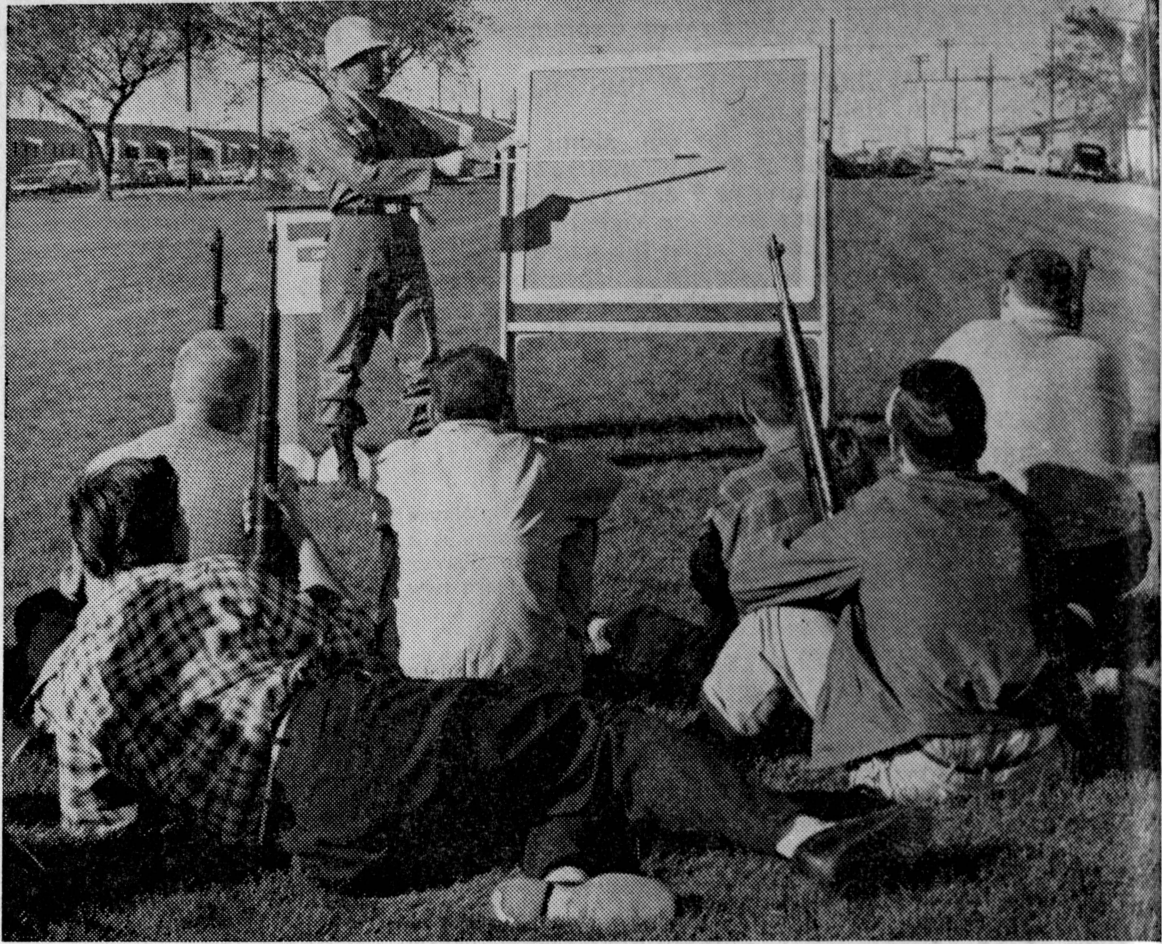
The program is designed to train personnel who can meet the increasing demands for pharmaceutical services in the hospitals of the nation.

Four Girls Initiated In Tau Beta Sigma

Four girls were initiated into Tau Beta Sigma, national honorary band sorority in late Sept. The new members are Kay Klicker, Jacqueline Woodard, Lois Woyak, and Phyllis Christmann.

After the ceremonies a tea was held honoring the new girls in the Gold Star Band. Professor Bill Euren, band instructor, and Carolyn Roberts, Tau Beta Sigma resident, explained sorority purpose.

Pledging will be held winter quarter.



The junior cadets in Army ROTC have been learning the practical side of the army this quarter with the hopes that the cadets will be better prepared for summer camp next summer. Capt. Douglas Christensen, Assistant Professor of Military Science and Tactics, is shown instructing them in military tactics.

Drill Team Begins Practice For Events

Five sophomores and 22 freshmen reported for the NDSC ROTC Drill Team according to coach SFC Donald Bell.

The drill team participates in various collegiate contests. University of North Dakota and NDSC will have a contest consisting of two drill teams from each school. Other contests will be conducted throughout the year with the University of South Dakota, St. Olaf College of Minneapolis, and South Dakota State.

The team will participate in the Veteran's Day parade, the Homecoming parade, and possibly the Cherry Blossom Festival in Washington, D. C.

Joel Babic is captain of the drill team. SFC Bell is looking forward to a very good team this coming academic year.

Dr. Asaad To Speak For Guidon Meeting

Dr. Ezzat Asaad, of Cairo, Egypt, will speak at a dinner meeting of the Association of the United States Army and its auxiliary, Guidon, on Wednesday, Oct. 21. The meeting will be held in the Memorial Student Union from 6-9 p.m.

Dr. Asaad will present the Egyptian viewpoint on conditions in the Suez Canal Zone and the Arab Republic. After the meeting, members will have a discussion.

The Asaad family has been in the U. S. for the past year and a half. Dr. Asaad is a resident surgeon, and his wife is an intern in obstetrics at the St. Luke's Hospital in Fargo.

Econ Club Elects Hoverman Prexy

Phil Hoverman, AAS sr., was elected chairman of the newly formed Business Economics Club last Thursday.

James Young, vice-chairman, Lawrence Swenson, treasurer, and Beverly Rockwood, secretary, complete the slate of officers.

According to Kieth Haugland, constitution committee member, the purpose of the club is to promote interest and understanding of economics through discussion.

A meeting once a month is scheduled with special meetings called by the chairman.

TANG! New breakfast drink you can keep in your room!



EARLY ELLEN: I get up so early to study that a glass of TANG tides me over until breakfast. It's delicious—and wakes you up better than a cold shower.



ALWAYS HUNGRY HAL: I'm a before-and-after-meal TANG man. It really fills in where fraternity food leaves off. Buy two jars. Your friends need vitamin C, too!



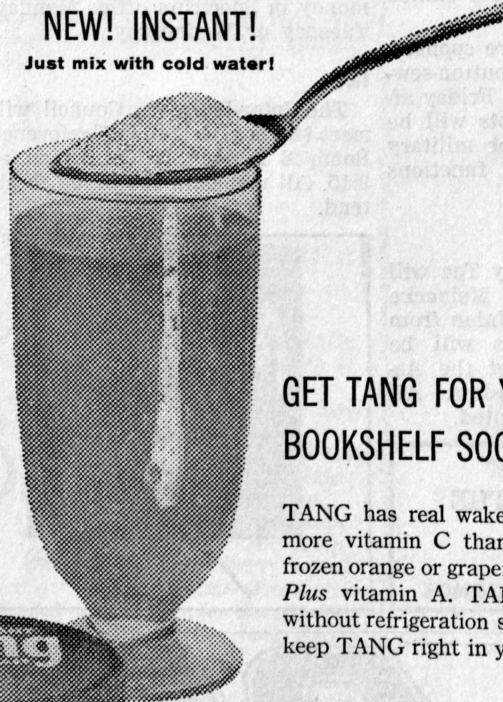
LAST MINUTE LOUIE: A fast TANG and I can make it through class... 'til I have time for breakfast. Fast? All you have to do is add to cold water and stir.



DEAD BEAT DON: I have to put in a lot of hours on my Lit. But since I have TANG on my bookshelf it really keeps me going even through the longest hours.

NEW! INSTANT!

Just mix with cold water!



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WANTED: Characters and captions for campus TANG-ites (like above). Must relate to TANG. Will pay \$25 for every entry used.

Address: TANG College Contest, Dept. GRM, Post Division, Battle Creek, Mich. (Entries must be postmarked before Dec. 15, 1959.)

Simplicity Important in Coed Styles

By Mrs. Mabel Engen

What shall I wear? Many a college coed asks herself this question every morning before dressing for school or work, for play or a social function. After a quick glance out the window to check on the weather, she must choose a costume appropriate for the occasion and the temperature. What are other college girls wearing and are there any restrictions against wearing slacks or shorts to class? What is the newest color and the latest style?

The theme for college apparel seems to be the simple and conservative. According to fashion analysts and college officials polled on the subject, shorts and slacks are not approved on the campus. Sheer blouses, extremely tight skirts, spike heels, and such are

also taboo. The college coed is expected to dress with dignity and restraint in comfortable, casual clothes. Dyed-to-match coordinates and shirtwaist style dresses are leading the field in style and wearability. "His" and "Hers" shirts or sweaters to match are invoking much interest among the steady-daters. Car coats remain in the lead for cold weather wear and the full length barnstormers are gaining in popularity. Jerkins and over-blouses are seen in great numbers everywhere and are a campus fa-

vorite. Colors are more exciting than ever with a new "no-color" called vodka. Special events call for a "dressy dress" or suit with high heels and a hat, and the many new interesting fabrics on the market have glamorized the date dresses.

If the college coed makes wise selections when she purchases her clothing, and chooses them with discrimination and good taste, she will have no difficulty in being well dressed.

Psychology Class Conducts Experiment On Direction Finding Without Sight

Is that a new kind of football? No, it was just Dr. E. V. Estenson's experimental psychology class doing a lesson. Last Monday afternoon, they were at the NDSC stadium walking up and down the field. Half of the group were blindfolded and were followed by the other half that were marking their course.

The problem was to see if one could walk straight to a destination without the aid of vision. Similar conditions are found in a deep fog,

the darkness, or a snowstorm.

One girl, who wishes to remain anonymous, turned a complete circle without realizing it, and started walking in the opposite way she was supposed to go. She blamed it on the wind!

Dr. Estenson and the class concluded that one should remain where they are in a storm. It was experimentally proven that a person would get lost because he couldn't find his goal without sight.



By Dick Hofstrand

Jazz—that's the theme for the new program initiated into the halls of KDSC radio called "A Corner Reserved For Jazz." Jerry Sandvick does the honors every Friday evening from 5 until 7.

Progressive, modern, dixieland and off-beat jazz are all featured on Jerry's presentation, plus insights into the world of jazz makin's and interesting sidelights on artists who have done so much to make jazz a part of our American heritage and way of life.

Sandvick, an Eng. sophomore at NDSC, comes from Chippewa Falls, Wisconsin, where he worked at a radio station and got the inside dope on modern music.

Be sure to tune Jerry in each Friday evening on the majestic medium and enjoy the best that jazz has to offer. If you have any questions on jazz or its subordinates, give Jerry a ring, and he will be more than happy to answer them.

And so until we meet again, please tune in the master of the monitor, KDSC, campus radio—750 on your dial.

Burmese Worker Speaks To FFA

Lynn Hewitt, Director of the Agricultural Institute at Pinyinana, Burma, highlighted the program of the get-acquainted meeting of the Collegiate Chapter of the Future Farmers of America October 7 at Morrill Hall.

Mr. Hewitt, a 1949 alumnus of NDSC is on a leave of absence to pursue his Masters Degree in Education after spending five years in Burma.

He said the purpose of the Agricultural Institute in Burma is to train extension workers and instructors in the field of agriculture. The institute has what is equivalent to a two year college course in the United States. In the colleges in Burma all the teaching is done in English. This, he said, is a big problem because only the people who live in the large villages go to a high school where English is taught. So far none of the institutes graduates have been raised on farms.

He said the main requisite for a foreign job is patience and then technical know-how. He stressed the importance of getting to know and understand the people and the problems of a country.

During his talk he showed slides of the main agricultural crop of Burma, which is rice, and pictures of the different areas of Burma and how the people live.

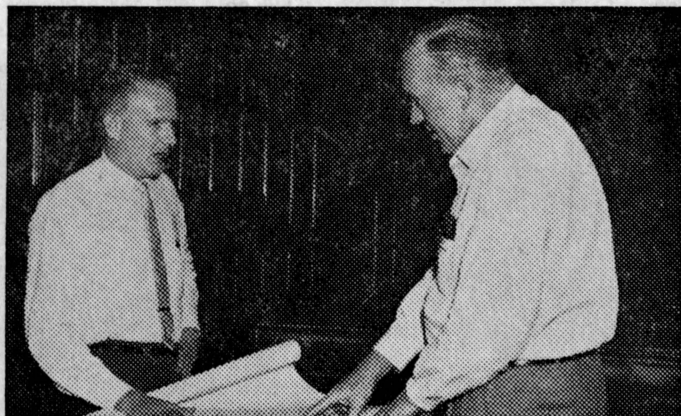


Just four years out of college...

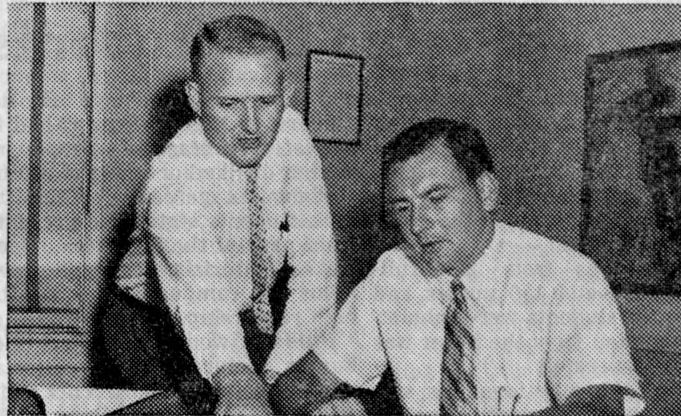
He heads a team of 63 people

L. Dean Darbe graduated from Kansas State U. in 1955 with a B. S. degree in electrical engineering. Today he is Supervising Service Foreman for Southwestern Bell Telephone Company at Hutchinson, Kansas. Dean has five Foremen and 58 craftsmen reporting to him. He's got full responsibility—covering installation, maintenance, testing and repair—for 21,000 telephones and all the equipment that serves them.

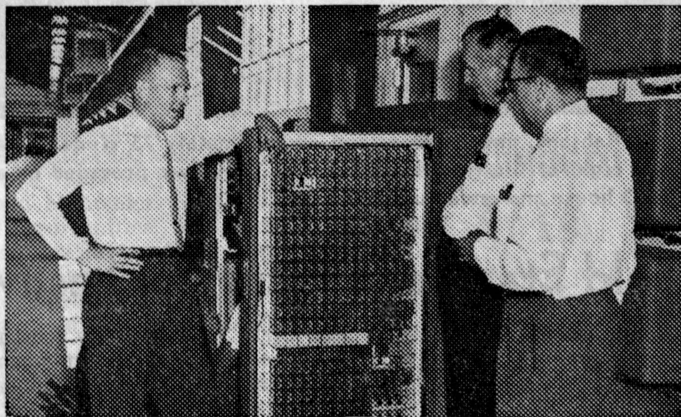
"It's interesting work," says Dean, "and it keeps me on the go. Here are a few of my activities during a recent day on the job."



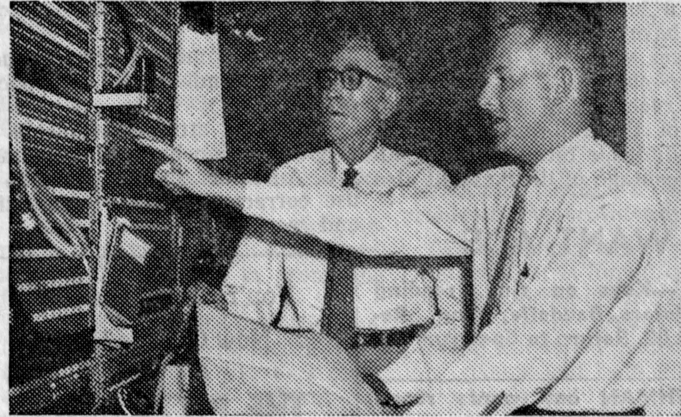
"8:30 a.m. I meet with one of our Foremen at the plant garage to discuss a cable-pressurizing job. We're putting all aerial cable in Hutchinson under air pressure to keep out moisture which causes cable failure and costly service interruptions."



"10:15 a.m. My boss, District Plant Superintendent Randy Barron, and I go over plans for an addition to our dial central office. Several pieces of large and complex switching equipment will have to be rearranged to tie in with the new facilities."



"1:30 p.m. After lunch, I drive out to the new plant of a mobile home manufacturer. My men are completing installation of a new-type cordless switchboard. I discuss features of the new equipment with the firm's Vice President and Plant Manager."



"3:00 p.m. At our toll center we'll soon be adding another test desk to increase our facilities for 'trouble shooting' Long Distance circuits. Here, with our Chief Testboardman, I go over some of the board changes which will have to be made."

"That's about it for one day. Tomorrow's schedule will be different. I'm doing interesting, challenging work all the time—and I'm given plenty of responsibility. That's what I like about my job."

There are countless young men like Dean Darbe who are moving ahead in supervisory careers with the Bell Telephone Companies. You could be one of them. Talk it over with the Bell interviewer when he visits your campus—and read the Bell Telephone booklet on file in your Placement Office.

BELL TELEPHONE COMPANIES





"Can this really be happening to me?" said Carol Olson immediately after she was crowned NDSC 1959 Homecoming Queen. Noel Estenson crowned Carol at coronation services on Wednesday night at the union ballroom. Margaret Benedict, Gamma Phi Beta and Amy Larson, Kappa Kappa Gamma are the Homecoming attendants. Queen Carol is a member of Kappa Alpha Theta sorority, Orchesis, Edwin Booth society and Angel Flight. She also belongs to Panhellenic Council and Student Senate. In her junior year she was TKE sweetheart.

N. D. State Joins Local Colleges In Student Pact

A Tri-College Student Responsibility Pact was drawn up by the student body presidents and one representative from each of the three local colleges at a Tri-College meeting held on campus Oct. 1.

The pact reads as follows:

"We, the student governments of Moorhead State College, North Dakota State College, and Concordia College, do hereby agree to accept the responsibility for acts of damage, defacement, or destruction committed by our respective students upon either of the other two colleges and report all pertinent information to the various college deans.

Proper apology and responsibility for renumeration for any violation shall be made by the student governments of the offending school working in co-operation with their college administration.

This pact, which was accepted by the SC Student Senate on Oct. 6, is intended to cover minor acts with which the administration would not feel it necessary to call authorities.

The respective student governments will be responsible for enforcing the pact and for finding the offending student and reporting the student to the administration.

"Harvey" To Open LC Theatre Season; Lund, Nelson And Joyal Take Leads

"Harvey" will be the first Little Country Theatre production this season at NDSC. The three-act comedy by Mary Chase will be presented Wednesday through Saturday, Oct. 21-24 at 8:15 p.m.

James Lund, Speech Sr., will play the role of Elwood P. Dowd whose

best friend is Harvey, a six foot white rabbit visible only to him. Lund has been seen in other Little Country Theatre plays such as "Springtime for Henry," "Tiger at the Gates," "Happy Hypochondriac" and "The Plays the Thing."

Betsy Nelson, Speech Soph., will be seen in the role of Veta Louise Simmons, Elwood's sister who wants to commit him to Chumley's sanitarium. Betsy has played in "Tiger at the Gates" and "The Front Page."

Dr. Chumley, owner of the sanitarium, will be played by Tom Joyal, Speech Sr. Joyal has appeared in "Tiger at the Gates," "Happy Hypochondriac," and "The Plays the Thing." He will also be art director for "Harvey."

Other roles in the play will be acted by students making their first appearance in Little Country Theatre productions. Nancy Freed will appear as Myrtle Mae Simmons; Myrna Greenblat as Mrs. Ethel Chaubenet, Marilyn Anderson as Nurse Kelly.

Bob Hoss as Wilson, Joe Hilber as Dr. Sanderson, Kathryn Margach as Dr. Chumley's wife; Ray Rogala as Judge Gaffney, and Dick Wilk as E. J. Lofgrin. All are freshman students except Hilber who is a sophomore.

Directing the play is Mrs. Jean Waldera, instructor in the speech department at NDSC. Don Sundquist of the speech department will be technical director. Ona Carlson will be costumer and Bill Lorenz, stage manager.

Tickets will be \$.75.

Students Invited To "Y" Firesides

The College Y faculty-fireside program attempts to provide and establish communication and exchange between students and faculty.

The Y feels that if more students knew the purpose behind the fireside program there would be more interest shown.

Through the informal evenings in the homes of faculty the Y is trying to promote: (1) An exchange of ideas—through informal conversation students can discuss with faculty and each other some of the concerns raised in their experience at college which are not elaborated upon in the classroom; (2) an opportunity to get to know each other.

A sign up list for the firesides can be located in the Y office. They are held every Thursday evening from 8 to 10 p.m. You do not have to be a Y member to attend.

The next fireside will be held with Professor Charles Fleetwood, professor of chemistry. The fireside has been scheduled for October 29.

Spectrum Rated By Students

Why do you read the Spectrum? Three journalism students circulated a survey based on this question last winter. They attempted to determine the readability and appeal of the Spectrum to the average college student.

Questionnaires from 220 full-time students and 150 nurses and short course students were tabulated. Information from the latter was tabulated separately.

Some of the questions this survey tried to answer were: Does the Spectrum stimulate student interest in campus activities?

What changes do students think might be made in the Spectrum?

How can the staff help the Spectrum achieve the growth and maturity a university news organ should have?

Pictures were well liked by all, with the column "The Spectrum Asked" receiving 63 per cent readership of the full-time students. Guest editorials received the smallest percentage of dislikes but also

had a large percentage of non-readership. "Sports Shorts" had the largest percentage of people who neither disliked or read the column.

Eighty-six percent of the full-time students stated they read the front page of the Spectrum. Social news, editorials, college growth items and campus notices also had high readership.

Students would like to see more humor, pictures, guest editorials, news of college departments and of special groups on campus. The high response to the social and photo columns which contain news of people would seem to indicate the high reader interest is in names and persons.

As a result of the survey, the three students made these recommendations:

1. Include more pictures, guest editorials and news of special groups.
2. Coming attractions should be given attention by the Spectrum.
3. An effort should be made to use correct grammar, punctuation and word usage.



Rahjajs, cheerleaders and approximately 75 students gave out with cheers for the Bison Wednesday night at the traditional bonfire. This was preceded by a campus snake dance which started at the ATO house and ended up at the fire.

WANT ADS

LOST—Keys on ring, reading Lund Motors, Baudette, Minn. Reward \$1.00. Return to Spectrum Office.

FRESHMAN boy wants roommate. Call AD 2-6143.

For fastest results at the lowest cost, use the Spectrum want ads. Call AD 5-9550 or stop at Spectrum office in the Union.

MUSICIANS WANTED, especially an Accordion player. Call Freddie at CE 3-4671.

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Gold Star Band Plans For Festivities Three Students At Conference With Governor

North Dakota State's Gold Star Band braved the bitter cold preparing for their participation in NDSC's 1959 Homecoming festivities.

Under the direction of William Euren, the NDSC band, will be decked in the traditional green and gold, will salute the Bison team and coaches during halftime of the

State vs. University football game. Included in the mid-game ceremonies will be a commemoration of the late Dr. C. S. Putnam in honor of his 100th Birthday. Dr. Putnam was the director of the Gold Star Band for 40 years.

Ninety-six band members will step off in the lead of tomorrow's parade. Their ranks will be bolstered by 11 visiting high school bands and also the University of North Dakota Band. In addition to their parade participation, the University band will join with the NDSC band in a pregame presentation.

Tau Beta Sigma, the national honorary band sorority, will entertain the visiting bands at noon. The University band and staff will be guests of the NDSC band following the Homecoming game.

Other Homecoming activities of the band included participation in this morning's convocation.

Three NDSC students attended governor's conference in Bismarck N. Dak. on Saturday, Oct. 3, on study of problems of children and youth. Maynard Iverson, Ag. Jr. George Dumeland, Ag. Fresh., represented the North Dakota Association of Future Farmers of America. Bob Doheney, Sr. in Pharmacy represented NDSC.

The conference consisted of two meetings, one held last June to form fact finding committees. The committees gathered information on the various phases of child problems and suggested solutions which they presented at the October meeting.

A full report of the gathered information will be sent to the 1960 White House Conference called by President Eisenhower. The White House Conference meets every ten years.

DANCE—CRYSTAL BALLROOM

Every Tuesday and Saturday
Rock and Roll with the
TORNADOES Next Sat. Night

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SC Students to Contribute To United Fund Oct. 16-23

Students at NDSC will this year, for the first time, be asked to contribute to the United Fund campaign. The drive will begin Oct 16 and run through the 23rd, with the fraternities and sororities giving their contributions on Monday evening, Oct 19.

The purpose of the drive is to give the students on campus a chance to express their appreciation through their contributions for the \$11,000 given the YM & YWCA and Fargo School of Religious Training each year by the United Fund. Last year the NDSC college faculty raised \$5,000 for this drive.

On Monday evening, Oct. 19, a number of children from Children's Village (another recipient of the Fund) will visit the fraternities and sororities on campus while their members contribute to the drive.

The on-campus drive will be from the 16th to the 23rd. Tables will be set up in the Library and at the Union for the purpose of student contributions.

The drive is sponsored by the National Student Associations Com-

mission together with Student Senate. Directing the drive are Mr. Dean Sallings, advisor to Student Senate and member of the Fargo United Fund, and Ronald Ginsbach, Ag. sophomore.

All contributions received will be placed into the regular Fargo United Fund Drive. The city goal is \$255,000. Thirty-three agencies including the NDSC "Y" and School of Religion, will benefit by the fund.

NOTICES

Faculty Women

Faculty women will have a fall quarter dinner party at 5:30 p.m. on Tuesday, October 27, in the meal planning dining room of the home economics building.

Dinner will be served by Miss Sheldon's foods class at the cost of \$1.60 per person.

At this dinner, faculty women will meet the new women on the staff and give short talks on their vacation experiences.

Camera Clubs

The Fargo-Moorhead Camera Club and NDSC "Y" Camera Club cordially invite students to hear Dr. K. L. Kothary of India on October 22 at 7:30 p.m. in the Memorial Union Building.

Dr. Kothary, a medical doctor, is president of the Indian Federation of Photography. There is no admission charge.

Entomology Seminar

The schedule for the Fall Agricultural Entomology Seminar has been completed. Meeting will be held every Tuesday at 4:00 p.m. in Room 210, Morrill Hall. Time will be allotted to discussion following the speakers.

Stadsvold Elected President Of A.I.A.

The American Institute of Architects, student chapter elected officers at their first meeting of the year. Those elected are Byron Stadsvold, president; Don Meinhardt, vice president; and Jon Culver, secretary-treasurer.

Winners of the River Oaks House Competition held last spring were announced. They are: Harlan Ormbrek, first place; Bob Brown, second place; and Kieth Burkholder, third place.

Placement Service

Monday and Tuesday October 19, 20

Phillips Petroleum Co., Atomic Energy Division—Mr. A. M. Keyes will seek interviews with students in electrical and mechanical engineering, chemistry, (inorganic or physical), physics and mathematics, at all degree levels. The variety of the scientific and technical activities provides many opportunities for the advancement of learning in nuclear science. Interested students are encouraged to complete company employment forms prior to interview.

Tuesday, October 20

Federal Aviation Agency (CAA)—Mr. S. L. Maxwell will seek interviews with graduating civil and electrical engineering students interested in permanent employment with the FAA. The primary mission of the FAA is to operate the Federal Airways and to provide aviation facilities which include navigation aids, traffic control, communications and airports. U. S. citizenship is required.

Tuesday, October 20

Bureau of Public Roads—is interested in senior civil engineers scheduled to graduate this winter and next spring. The Bureau of Public Roads of the Department of Commerce is the agency responsible for administering the Federal highway programs. The responsibility of Public Roads is broad in scope and offers good opportunity for professional developments.

Wednesday, October 21

Department of Interior (Bureau of Indian Affairs)—Mr. Chalmer

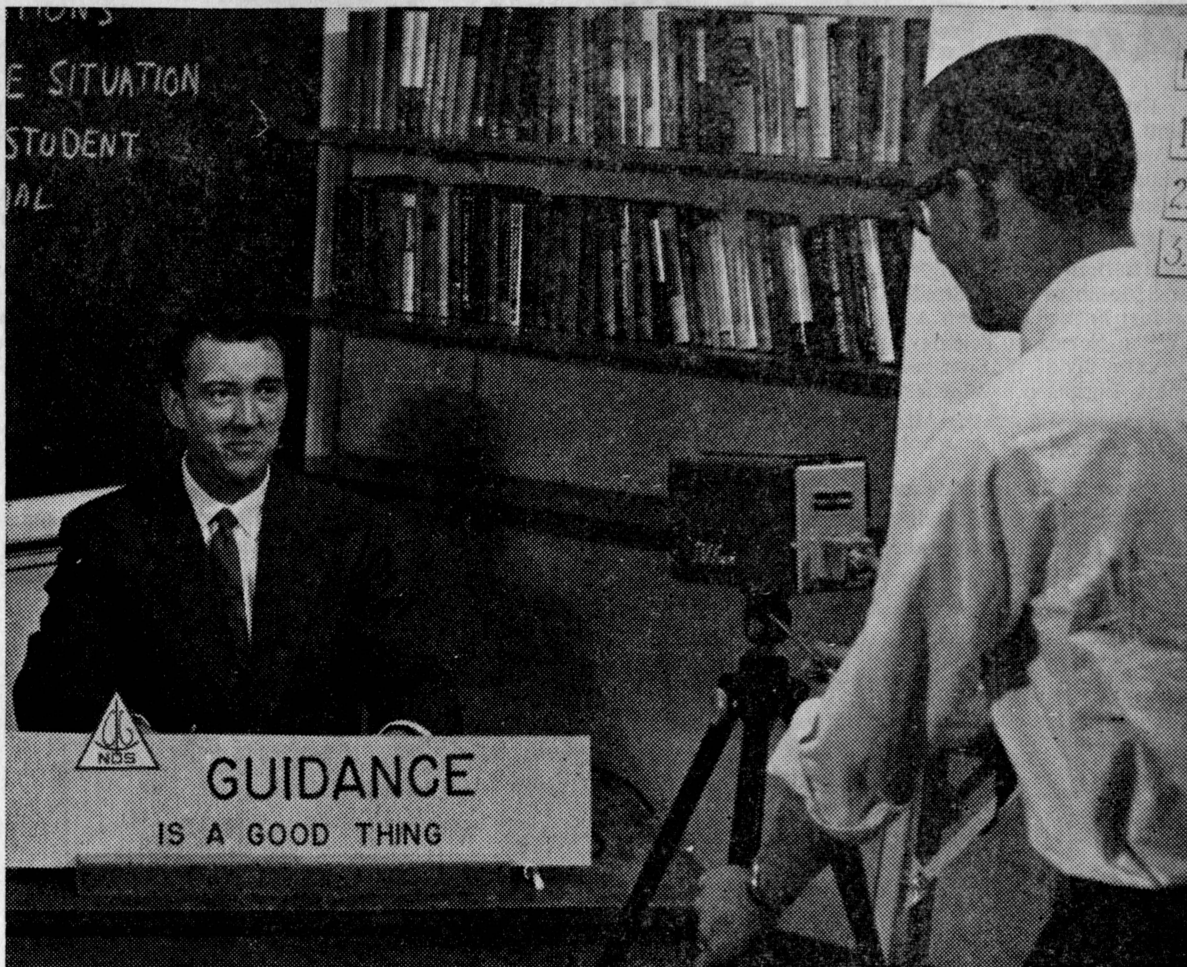
R. Myer will seek interviews with civil, mechanical, electrical and agricultural engineers for employment in the fields of: road construction and maintenance with the Branch of Roads; maintenance of buildings and utilities with the Branch of Plant Management; and in soil and water conservation with the Branch of Land operations. Employment will be in the Aberdeen Area which consists of North Dakota, South Dakota and Nebraska.

Thursday & Friday October 22, 23

Minnesota Mining & Manufacturing Co. of Saint Paul, Minnesota, represented by Mr. E. W. Steele, will interview students in industrial and mechanical engineering, chemistry, and those majoring in business and economics. Students will have opportunities in research, products development, engineering, manufacturing, sales, accounting and administration. Company brochures are available at the Placement Office.

Friday, October 23

Koehring Co., of Milwaukee, Wisconsin, manufacturers of heavy construction equipment, will visit the campus for the first time. Koehring is primarily interested in mechanical engineers for positions in product design work, and civil engineers for positions in field sales work. Any engineer employed will receive formal or informal training depending upon the employing division and on the urgency of the need. Interested students will find literature to acquaint themselves with the company, at the Placement Office.



Dr. Garry Walz (left) is pioneering at NDSC with educational television. The course being taught is Introduction to Guidance. Shown at right is Don Schwartz, technical director, as he films Dr. Walz in action. The show is at 7:15 a.m., Monday thru Friday, Station KXJB-TV, Channel 4.

Telecourse Adopted By College To Benefit Armchair Students

By Wes Sheriman

Education through the use of television? Sound fantastic? Maybe this is just part of a plan to overcome the problems of overcrowdedness in our colleges and universities. If not, the three credit courses in introductory guidance offered as an extension of NDSC's teaching services to the state does serve as an experiment in the use of television as a teaching medium.

Maybe you have commented, somewhat jokingly, how "soft" it would be to take education courses over television. Sounds wonderful

—just relax in a cushioned easy chair taking notes from some professor's lecture. Well, maybe your dream is coming true.

Although the three credit course which NDSC is offering is intended primarily for teachers and school officials, according to Donald F. Schwartz, communications assistant, we non-credit viewers will be able to watch the weekly telecast also.

Studies at various schools throughout the nation lean toward the use of commercial television as a starting venture in education over the air. Educational television is a coming thing; but an initial network of stations, or even one station, is tremendously expensive.

In almost all such new undertakings, the incentive for a thing like educational television must come from the people. The full responsibility of such a project rests almost entirely with institutions of higher learning and therefore cannot be pushed very hard.

Questions brought to your mind may include: Will it cause neglect of reading. Does television have sufficient flexibility? Will it result in federal regulation of education? Educational television may prove itself worthy in that it may solve one of our country's educational problems: overcrowdedness.

The telecourse now offered by NDSC will, it is hoped, achieve its goal in offering credits for the undergraduate or graduate degree, provide discussion projects for various groups and help give numerous schools an in-service training program.

Chem Society Prexy Speaks Here Today

Dr. John C. Bailar, Jr., National President of the American Chemical Society will visit NDSC's School of Chemical Technology this afternoon. His lecture topic is "Polymerization Through Coordination."

Afterwards he will travel to Grand Forks where he is scheduled to speak before the first meeting of the Red River Valley session of the society at 7:30 p.m. in the NDU Medical Auditorium.

Monthly meetings of the Red River Valley session alternate between Grand Forks and Fargo. Dr. D. E. Atkinson from UCLA is scheduled to speak on "Metabolism, the Evolution of Chemical Complexity," at the next meeting held in Fargo on October 30.

YMCA Camera Club Meets At Lib. Wed.

The next meeting of the YMCA Camera Club will be held at 7:30 Oct. 21, in the library. A movie entitled "Darkroom Magic" will be shown.

The club operates a darkroom in Churchill Hall and holds two meetings per month. Contact the club office or one of the officers if you desire to join. Officers are: Jim Marsh, president; Ted Borchert, vice president; Mayo Flegel, secretary-treasurer and Charles Christaff, darkroom manager.

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SMALL OR LARGE—your account is welcomed
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Agri. Econ Holds Seminars

Estate Planning - Incorporation and Land Contracts is the theme of the agricultural economics seminars being offered every Thursday afternoon at NDSC.

October 15 the topic will be "Organization of Sole Proprietorships; Partnerships and Small Corporations; Father and Son Agreements; Wills; Forms of Tenancy and Ownership" by J. W. Shermoen of Burnett, Bergesen, Whittlesey, Shermoen and Pancratz, Attorneys at Law, Fargo.

"How to Insure Adequately and Economically" will be discussed by Gill Wagner, Gill Wagner Agency, Fargo on Oct. 22. Also on this date there will be a discussion on

the topic "A Description of the Types and Uses of Life Insurance; Services of the Underwriter" by C. L. Wagner, Glenn Peterson & Associates, Inc., Fargo.

On Oct. 29 the topic will be "Incorporation of the Farm Business, Part I", by Laurel D. Loftsgard, assistant professor in the agricultural economics department.

Nov. 5 will be "Part II, Incorporation of the Farm Business", by H. W. Herbison, extension agent in marketing.

"Land Contracts—How Used, and Description" will be discussed Nov. 12 by Fred R. Taylor, agricultural economics department chairman.

November 19 the topic will be (See story).

"Land Contracts—Legal Aspects for North Dakota" by Laurel D. Loftsgard.

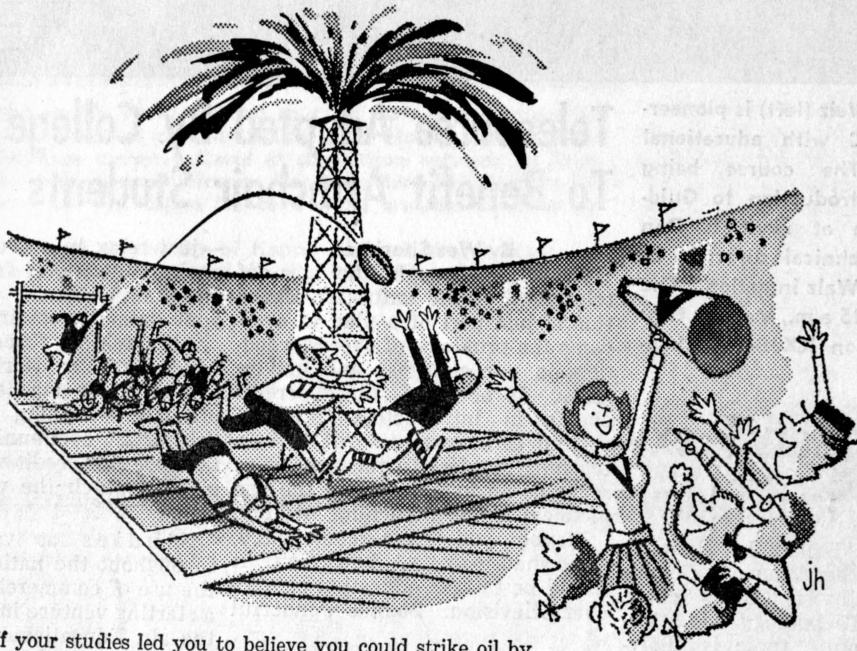
Everyone is welcome to these sessions which meet at 4 p.m. in room 215, Morrill Hall, NDSC.

At the beginning of every quarter Alpha Phi Omega runs a book exchange in the library. This year they sold \$1200 worth of books. Out of this they keep 10 per cent, which goes to charity. The other 90 per cent goes back to the owners of the books.



Do You Think for Yourself?

(THROW THESE QUESTIONS INTO THE POT AND SEE WHAT COOKS*)



If your studies led you to believe you could strike oil by drilling a hole right in the middle of the campus, would you (A) keep still about it so people wouldn't think you were nuts? (B) sell stock in the proposition to all your friends? (C) get an oil man interested in the idea, even if you had to give him most of the profits?

A B C



"A watched pot never boils" means (A) the man who made such a statement never watched a pot; (B) if you don't want the stew to boil over—watch it! (C) you can't hurry things by worrying about them.

A B C



If you saw a girl perched up in a tree reading a book, would you say, (A) "Timber!" (B) "Is the light better up there?" (C) "Will that branch hold two?"

A B C



Assuming cigarettes could talk, would you listen to (A) a filter cigarette that talks only about its taste? (B) a weak-tasting cigarette that talks about its filter? (C) a filter cigarette that lets its advanced filter design and full taste speak for themselves?

A B C

Next time you light up, take a moment to think about what you really want in your filter cigarette. Most men and women who think for themselves choose VICEROY,

the cigarette with the most advanced filter design of them all . . . the one cigarette with a *thinking man's* filter and a *smoking man's* taste.

*If you checked (B) in three out of four of these questions, you're a pretty smart cooky—but if you checked (C), you think for yourself!



Familiar pack or crush-proof box.

The Man Who Thinks for Himself Knows— ONLY VICEROY HAS A THINKING MAN'S FILTER... A SMOKING MAN'S TASTE!

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Shoemith Elected Prexy At Dinan Hall Counselors For Dorms Also Announced

Margaret Shoemith has been elected president of Dinan Hall Council. Other officers include: Karen Froemke, vice president; Beverly Flanders, secretary; and Cheryl Larson, treasurer.

Four students are elected from each floor in Dinan Hall to represent their corridors at council meetings. They are: Fay Patterson, Ona Carlson, Dennice Mock, Gail Gustafson, Mary Ellen Leonhard, Carolyn Roberts, Cheryl Larson, Darlene Olson, Kahterine Kiefer, Margaret Shoemith, Beverly Flanders and Karen Froemke. It is the duty of the counselors to report anything in the dormitory needing attention.

Mrs. Florence Piers is head resident of Dinan Hall.

Nine sophomore girls and one junior girl are counselors at Ceres Hall. Included are: Betty Trieglaff, Marsha Bergman, Judy Cook, Audrey Walker, Lavaerne Holbach, LaDonna Pulver, Alyce Puppe, Collette Buhr, Verone Wegley, and Nancy Carlson.

Each corridor also chooses a freshman representative to serve on the council. Among other duties, Ceres Hall counselors serve as desk employees.

Mrs. Mildred Kirst is head resident at Ceres Hall.

Music Teachers To Hold Convention

The North Dakota Division of the Music Teachers National Association will hold its third convention on campus next Sunday and Monday.

Sunday evening the convention will hear the Pro Musica Trio from Fargo High School at Putnam Hall. On Monday five recitals and two panels will be presented.

Amy Larsen, music major, will have a piano recital on Ballad No. 4 by Chopin. Mr. Robert Godwin, concert choir director, will present a vocal recital. Other recitals and panels will be given by North Dakota musicians. The Monday program will be held at the Memorial Union Ballroom.

Monday evening highlight will be a banquet at which the NDSC choir will perform. The North Dakota Pro-Art Quartet with Mr. Glen E. Bowen, clarinetist and music instructor at NDSC, will present a Mozart quintet. Speaking will be Mr. John Ceal, state president of the association on "Music in America and Europe."

Coed Spent Summer Working For USDA

Marilyn Marschke, NDSC senior in home economics, was a trainee in agriculture communications with the United States Department of Agriculture last summer.

Miss Marschke was employed in the publications division of the USDA Office of Information in Washington, D. C. She was one of eleven juniors selected from colleges and universities all over the U. S.

Marilyn spent most of her time working in publications research. She had a chance to become familiar with the USDA policy review, clearance of manuscripts, and the distribution of the USDA publications.

The trainees had luncheons with the assistant secretaries and agency heads every week. They also toured the Voice of America studios, the government printing office, the new Washington Evening Star newspaper building, and the information activities of the Department of Agriculture.

Weekends were spent sight-seeing in Washington, New York City, Ocean City, N. J., and Gettysburg, Penn.

Marilyn also saw many movie and TV entertainers. Among them were Harry Belafonte, Red Skelton, Jerry Lewis and Johnny Mathias.

In addition, she attended a N. Dak. society breakfast and picnic where she had a chance to meet many of the North Dakota congressmen.

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Roper Survey Reveals Student Expenses

Financing the college education of a family's children was an important segment of a Roper and Associates survey, conducted for the Ford Foundation recently. Some of the facts revealed:

—The expected expense was \$1,450 for each child per year of college. Sixty per cent of the parents expecting to send a child through college had no savings plan specifically for this purpose. The remaining 40 per cent had a savings median of only \$150 a family.

—Parents expect future college costs to be about the same as they are now. Parents did not take into account any possible future cost increases, even though the cost of college education has risen sharply since WW II.

In the lifetime of an average American family, the outlay for buying a home and for the college education of children are the two largest investment expenditures.

John Brush Spends Exciting Summer As Reporter

"The man who wrote the song, Chicago — That Toddling Town" certainly knew what he was talking about" said John Brush, NDSC junior, who spent the summer in Chicago.

Brush was in Chicago as a student trainee in the agriculture marketing service, Midwest Information Division, of the United States Department of Agriculture. He was the only agriculture communications trainee in Chicago.

Brush worked with correlating market reports of 12 major midwest points, which came through Chicago on the USDA's teletype system. He was involved in sending the market information to the various news media all over the United States. He also worked with the plentiful foods division and school lunch program promotions.

As a trainee, Brush toured the Chicago Union Stockyards, Chicago Board of Trade, Columbia Broadcasting Station, United Press and Associated Press.

He was very impressed with seeing Queen Elizabeth and Phillip of England on their visit to Chicago. He enjoyed Rush Street, Major League baseball games, the Pan American games and won the daily double at the \$100,000 Arlington Handicap.

Brush said the experience gained in agriculture communications during the summer was invaluable and Chicago is an exciting place to be!

—In the case of children not expected by parents to attend college, lack of money was the significant factor in 46 per cent of the cases.

—The median figure of estimates by parents for state universities was \$1,574 a year.

—Families estimated the total outlay for sending all their children through college to be \$10,050. Average family outlay of this total would be \$7,050, or 70 per cent. Sixteen per cent of the families estimated the total outlay would be more than \$19,000.

—Many families said they would finance their children's college education in more than one way. Sixty-seven per cent of the families said they would use some form of savings to finance this education; 41 per cent mentioned some sort of scholarship; 29 per cent mentioned current income; 14 per cent said government or college loans; and 4 per cent mentioned bank loans. Twenty-eight per cent expected their children to earn money on their own.

—Seventy-five per cent of the parents in the West North Central region — Kansas, Missouri, Iowa, Minnesota, Missouri, Nebraska and the Dakotas—expected their children to go to college. They estimated the cost at \$1,375 a year.

Two-thirds of children under 18 are expected by the parents to go to college, the survey also reported.

A conclusion of the survey is

Four Ag Students Represent NDSC At Judging Contest

Four agriculture students will represent NDSC at the national meats judging contest on Oct. 20 at Kansas City, Missouri. Their advisor, Dr. Virlyn K. Johnson, NDSC animal husbandry professor, announced that Keith Bjerke, Ray Kleppe, Henry Singer, and Richard Knutson will be the team members. Eighteen colleges from central United States will be represented at this contest.

NDSC judges will see the American Royal, "One of the largest livestock shows in the country," according to "Doc" Johnson. Other highlights will be the Hereford Building, national headquarters for the American Hereford Association; and the University of Nebraska campus, Lincoln, Nebraska.

The men will leave Oct. 14, six days prior to the contest, during which they will practice judge in four different cities on their way to Kansas City.

that relatively few families are preparing financially for their children's college education.

This leaves several alternatives—more loans or other financial hardships on the parents—more and/or better utilization of existing scholarships—more students working their way through college—less otherwise-qualified students going to college because of lack of money.

The Ford Foundation survey doesn't reveal a very bright outlook. Let's hope we can in some way to profit by its findings.

Architectural Engineering Class Has Planned Field Trip To Chicago

The class in Architectural Engineering has planned a tour to Chicago, Illinois. The group will leave Saturday, Oct. 24 and return Sunday, Nov. 1. Mr. Charles Dotts and Mr. Richard Norman, instructors, will chaperon.

On the agenda is a tour through the Johnson Wax Building by Frank Lloyd Wright, famous architect. The group will have the chance to visit his home, Taliesin Estate.

Arriving in Chicago, the group will see new types of architecture designed for churches, department houses, office buildings, schools and shopping centers. Famous buildings that will be open for them are the Prudential Building, the Lakeshore Apartments, the offices of Meiz and Vandergough, the Planitarium, the Robie House and the Colosseum of the old world fair.

Omar Khayyám writes a new jingle



A jug of Wine,
A loaf of Bread
and Winston's
Filter-Blend!

Old Omar has come up with another corker of a couplet. Freely translated from the Persian:

**It's what's up front that counts
If it hasn't got it there it hasn't got it**

True, the lines don't scan. But what do you expect from a tent-maker—the perfect rhyme of "Winston tastes good like a cigarette should"?

We'll admit that something may have been lost in the translation. But when it comes to Winston, *nothing* is lost in the translation of rich, good tobacco taste. That's because up front of a pure white filter Winston has Filter-Blend—a special selection of mild fla-

vorful tobaccos specially processed for filter smoking.

Winston is *designed* to taste good. Or, as Omar puts it:

The Moving Lighter lights;
and having lit,
Flicks off. Then you draw on IT,
And bit by bit smoking pleasure
mounts;
With Filter-Blend up front,
Winston's got what counts!

KDSC - 750 Radio

MONDAY

- 4:00—Music Stateside
- 6:00—News Roundup
- 6:15—Public Service
- 6:30—Dinner Music
- 7:00—Tri-College Network
- 8:00—Day By Day
- 8:05—L. P. Showcase
- 9:00—Study Hour
- 9:45—News Roundup
- 10:00—Lights Out

TUESDAY

- 4:00—Music Stateside
- 6:00—News Roundup
- 6:15—Public Service
- 6:30—Dinner Music
- 7:00—Tri-College Network
- 8:00—Day By Day
- 8:05—L. P. Showcase
- 8:30—NDSC Theatre
- 8:45—L. P. Showcase
- 9:00—Study Hour
- 9:45—News Roundup
- 10:00—Cadence Capers

WEDNESDAY

- 4:00—Music Stateside
- 6:00—News Roundup
- 6:15—Public Service
- 6:30—Social Column
- 6:40—Dinner Music
- 7:00—Tri-College Network
- 8:00—Day By Day
- 8:05—L. P. Showcase
- 9:00—Study Hour
- 9:45—News Roundup
- 10:00—IRC Presents

THURSDAY

- 4:00—Music Stateside
- 6:00—News Roundup
- 6:15—Public Service
- 6:30—Intramural Report
- 6:40—Dinner Music
- 7:00—Tri-College Network
- 8:00—Day By Day
- 8:05—L. P. Showcase
- 8:30—NDSC Theatre
- 8:45—L. P. Theatre
- 9:00—This End of the Mike
- 9:05—McAll's Music
- 9:45—News Roundup
- 10:00—McAll's Music

FRIDAY

- 4:00—Carole's Corner
- 6:00—News Roundup
- 6:15—Public Service
- 6:30—Corner of Jazz
- 7:00—Tri-College Network
- 8:00—Day By Day
- 8:05—Corner of Jazz
- 9:45—News Roundup
- 10:00—Den and Lar
- 12:00—Late Watch
- 1:00—Final News

SATURDAY

- 12:00—Afternoon Melodies (News on the Hour)
- 6:00—News Roundup
- 6:15—Public Service
- 6:30—After Dinner Music
- 7:00—Swing House
- 9:00—Night Watch
- 9:45—News Roundup
- 10:00—Stars of the Night
- 12:00—Late Watch
- 1:00—Final News

Tentative Starting Line-up For Homecoming



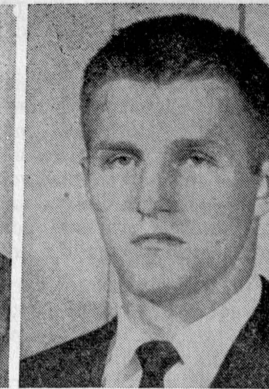
ROCK KOEPSSELL
Left End



MIKE HOGAN
Left Tackle



DON REMILLONG
Left Guard



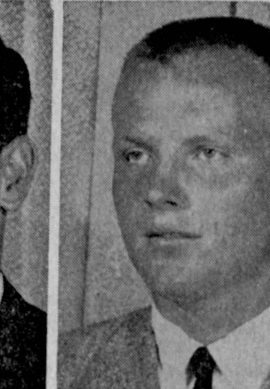
JERRY HOFFMAN
Center



DALE HINKLE
Right Guard



WILLIS KINGSBURY
Right Tackle



BILL BARTELS
Right End

29 Volunteers Left To Begin Torch Run

Twenty-nine volunteer students are taking part in the Homecoming Torch Run Marathon reports Don Bischof, chairman.

Their goal is to average 9 miles per hour on the 200 mile trip. The runners will follow the torch carrier in station wagons and make changes every one-half mile while running.

The following will carry the torch: Bill Brown, Marlin Stokke, Norman Fritchie, Bob Reslock, Al Westbrook, John McMerty, Eugene Grimm, Harold Stangeland, Durwood Peterson, Dick Hanson, Dick Arman, Roger Thompson, Glenn Holte.

Ernar Bredeson, Jerry Schnell, Marlo Brackelsberg, Eugene Wyman, Jim Quick, Neil Hamilton, Min Voll, Donovan Eck, Jarvis Anderson, John Johnston, Mike Miller, Kirby Erickson, Mike Maddock, Mike Warman, Kent Sluka, Larry Jones.

Police will escort the group through Bismarck, Jamestown, and Fargo, and the State Patrol will follow on the highways.

Torch Run Schedule

Friday
Bismarck—10:30 a.m.
Steel—2:30-3:30 p.m.
Medina—6:00-7:00 p.m.
Saturday
Valley City 1:00-2:00 a.m.
Casselton 6:30-7:00 a.m.
Fargo—9:00 a.m.



ROSS FORTIER
Quarterback

Twelve Will Play Last Home Game

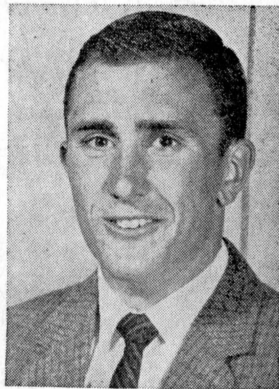
By Dan Kennelly

Tomorrow afternoon 12 Bison senior stars will play for the last time before a home crowd. Another senior, Bob MacDonald will be at the homecoming game but will be unable to make his farewell performance because of a sprained ankle sustained in the Montana game.

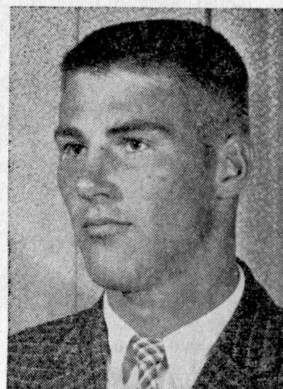
A heavy loss to the 1960 team will be the loss of all-conference players guard Don Remillong and

fullback, co-captain Curt Quenette. Co-captain, quarterback Ross Fortier, hard running halfback Gary Ahlgren, quarterback Jerry Walcher, and speedy halfback Pat Rosati will leave their memory in State's backfield.

Missing from the line next season will be leading pass receiver Bill Bartels, tackle Gary Boldenow, determined guard Dale Hinkle, starting center Jerry Hoffman, blocking-end Rock Koepsell, and Keith Schluchter also an end.



PAT ROSATI
Left Half



CURT QUENETTE
Fullback



GARY ALGREN
Right Half

BISON INVITATIONAL Cross Country Meet 10:30 Saturday

N. D. State Runners Place Second

NDSC cross country team placed second behind the University of Manitoba in a recent invitational meet at Bemidji.

Oddvar Helgeson won his third race in three events this year coming first in the race.

Oddvar, who raced against his toughest competition all year, last week ran the 3 and three-tenths mile course in 17:52. His nearest competitor, Dave Dryborough, a Pan American runner from Manitoba University placed 2nd, running twelve feet behind Helgeson.

Other NDSC competitors were Bob Williams running 5th, Neal Jacobson 11th, and Jerry Liddle 12th. Coach Tom Neuberger was quite pleased with his runners as the temperature was 35 degrees and a 25 m.p.h. wind blowing, which is not the best weather conditions for a meet.

The next meet is this Saturday, "Homecoming," when NDSC will host an invitational meet. The three mile race will be at Mikkelsen Field at 10:30 a.m.

NOTICES

Phy. Ed. Meet

The Physical Education Majors and Minors Club held their monthly meeting Thursday, Oct. 15.

A panel discussion was held on non-teaching positions in the field of Physical Education.

Speakers were: Mrs. Severson, Campfire Director; Ollie Nelson, YMCA General Secretary; Orland Johnson, Red River Valley Council; Scout Executive; and Corby Newman, Lutheran Recreation Center Director.

Vet's Club

Vet's Club members interested in square dancing can bring their wives or girl friends to the Union Ballroom at 7:30 p.m. on Wednesday, Oct. 21.

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DESIGNED FOR THE
COLLEGE MAN

Joe Blows Homecoming To Be Top-Bottom Battle

By Joe Hilber, Sports Editor
Another week on the gridiron saw both first place teams of the North Central Conference go down in defeat to non-conference squads. The Bison lost to a tough Montana team by a score of 24-12 after almost grabbing the lead in the third quarter by making two touchdowns but were stopped three times within ten yards of scoring again.



Around The Conference

South Dakota University, the other first place team, lost to Iowa State University 41-6 on their home field. The score is unusual since it is the first time the Coyotes have scored against the Iowa team since the series began in 1899.

Although not in NCC play last week, Morningside dropped from second place to a tie for third as South Dakota State, playing their second league game, skunked a

low-low NDU team to move from the cellar into third place.

The Sioux, completely out-manuevered except for their passing, are sitting on the doorstep to the basement secured there only by the grace of a half game credit won in their conference opener.

Meanwhile Augustana, the team that tied NDU in that opener, managed to stay in the running by defeating the basement squad, Iowa Teachers, 7-6 to become the lone holder of second place.

CONFERENCE STANDINGS

Team	W	T	L	Pct.
NDSC	2	1	0	.833
SDU	2	1	0	.833
Augustana	2	1	1	.583
SDS	1	0	1	.500
Morningside	1	0	1	.500
NDU	0	1	3	.125
ISTC	0	0	2	.000

NDU

Tomorrow the Buffalo meet the team from up north. Don't think that it is all cut and dried just because they are on the bottom and we're on the top. You can expect the Sioux to be all fired up and

probably in shape to show some of the potential that they do have.

In regard to Homecoming we hope that the student fans will show more enthusiasm than has been displayed so far this season. Keep in mind that this, in addition to being Homecoming and a great rivalry game, is the last home game. The squad will be running on the memory of the cheers they get tomorrow for the rest of the season.

Notes

Several trips are being planned for fans to the out of town games. We urge you to go along and back the team while they are on foreign ground.

A "well done" is in order for the fans who turned out to see the Bison take off last Friday. Let's see more of that in the future.

West Coast major league baseball got a boost last week as the World Series went to a coast team for the first time since the switch. The Los Angeles Dodgers took the title in the 6th game and Chicago had the honor of losing a series for the second time in 40 years.

We received one report from the men who went to the fields and surprisingly, it was good. Hampered by temperatures "colder than a Siberian sale mine," Jack Simonieg, Marty Dahl, John Robinson, Mike Doll, Dave Aldstadt, and Dick Buchholz managed to fill their bag limits on duck.

They found the good hunting on the Ottetail River north of Perham, Minnesota.

Asst. Coach Johnson Is Looking Forward To His Biggest Year

Don Johnson is looking forward to seeing his third year as assistant football coach at North Dakota State College, a big year for his Bison footballers.



Johnson started his football with Minneapolis North High where he was an All-City selection twice, once at guard and once at fullback. He then received his Bachelor's degree in physical education from the University of Minnesota where he lettered one year in football.

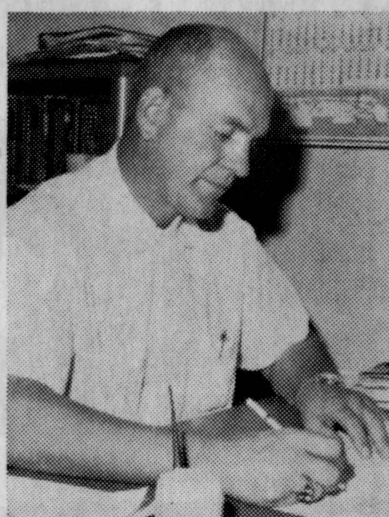
Don, when he is not with his wife Berdella and his two daughters, Kristine Ann 6, and LeAnn 4, likes to golf and bowl.

Coach's Fall Prediction Comes True

"Best season for the conference since 1950" was the prediction of Bob Danielsen early this fall as he began his third year as head football coach at NDSC. Bob started coaching in the conference as line coach for the South Dakota State Jackrabbits and saw them take the conference title four times during his stay there.

He was a football and boxing letterman and received his bachelor's degree in physical education in 1947 from University of Minnesota. Bob also received his Masters at Minnesota completing it in 1951.

He and his wife Elizabeth have three children; Sharon 18, Barbara 15, and Bobby 8.



Student Bowling Leagues Are Formed In Preparation For Lane Competition

By Dan Kennelly

Joining the faculty leagues on the hardwood lanes last week were 40 student teams organized in five leagues: Engineers, Classic, Major, All-Star, and Masters. It is too early to determine leaders since all loops show ties for first and last places.

In the All-Star association, the Pharmacy Club clobbered 2051 pins in a three game series; close behind was the A.U.S.A. with 2038. Army man Larry Paulson rolled 624 in three. Stan Sweet from the Pharmics hit 244 for high single game. As secretary of student bowling, Stan has the job of quelling any riots or arguments as well as carefully penciling scores in his ledger.

Air Force ladies are flying high in the faculty women's league while the team sponsored by College Pure Oil is all tuned up to de-

fend its position in the League of Women Bowlers.

Chemistry, Team Without A Name, and State Seed held on to top positions in A, B, and C, but the Union fellows nudged the Athletics off the D high spot. Dr. MacDonald left his beakers and test tubes long enough to score 245 in a single, and Ron Anderson totaled 593. Chemists and Athletics rolled 2195 and 2194 series.

Found on the old village bulletin board: "All those interested in varsity bowling should report to the Union lanes as soon as possible for scheduling."

All freshman boys interested in basketball, sign up for frosh basketball tryouts on October 16 in the Athletic Department. Practice will begin on October 19.

Kappa Psi And Theta Chi Still Lead In Intramural Football Contest Play

Intramural football teams are once more in action. Assorted bruises and stiff muscles were the results of good ball playing by all. Joe Kuppich is doing a wonderful job of coaching these teams.

The ATO's moved up a notch after winning a 6-0 game over the Co-op's. Co-ops Harold Neameyer and Ralph Peterson played good defense against the Tau line but Roger Shelstad's and Jack Halverson's passing gave Bob Reslock the opportunity to make the winning touchdown.

Big Win

A flashy AGR crew won over the under-manned but fighting SPD team. By hitting brothers John Graham, Leonard Lesmeister, and Jack Brown, Jim O'Keefe gained acclaim as the AGR's touchdown passer. Joe Neuenschwander, an end, picked up Byron Stadvold's SPD passes. Final tally: 24-0.

TKE removed Theta Chi from their top place in a tough battle. After struggling to a scoreless tie, victory was given to TKE due to a six inch difference in yardage. Erling Tranby caught the pass from Howard McCullough which made the difference. Mike Harris, John Robinson and Ken Hanson valiantly opposed the onrushing TKE's.

Churchill Hall vs. Kappa Psi
Churchill Hall and Kappa Psi fought to a scoreless tie, and by concerted effort, the harmics won by the yardage rule. Leo Werlinger snatched Sam Phillip's winning throw. Credit for outstanding work also goes to Steve Peltonen and Roger Roth.

The only comment from the Kappa Psi's was, "Holy smokes—those guys are big!" Churchill's six man line carries 1340 pounds.

Standings after three games are as follows:

It's Not Too Late To Go To South Dakota

It is still possible to put your name in for the trip to South Dakota. As it was stated in last week's paper, the Rahjah club is planning a bus trip for all students who would like to see the South Dakota State vs. Bison game.

Students making the trip will split the cost which would be about

\$5.50. So far about 25 students have signed up for the trip. Any others who are interested in the trip may leave their name in the Spectrum office. Just sign your name on a slip of paper and drop it in the editor's box.

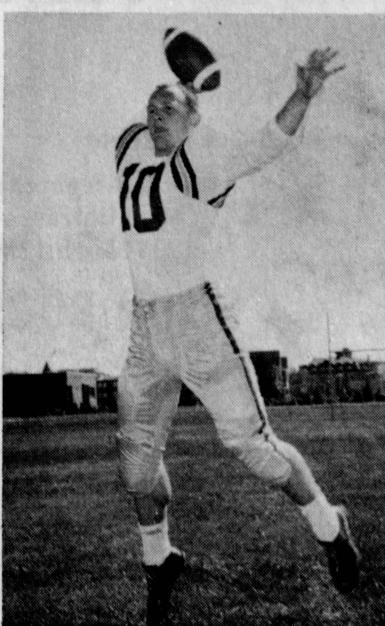
THE RAHJAHS

Co-Captains Play Final Homecoming



Ross Fortier is a senior and is in his second year as starting quarterback. A physical education major, he is one of the most valuable field generals in the conference. This week he stands fourth in NCC ratings in passing, having completed 16 out of 26 for 284 yards and five touchdowns.

Curt Quenette is a senior and a 1958 all conference team fullback. This is his second year as Bison co-captain. He is second in rushing and fourth in scoring in this week's NCC individual ratings. Curt has an average of 77 rushing yards per game and a total of 20 points in the scoring column.



BISON BITS

By Sherry Bassin

The North Dakota State College Bison suffered their first loss of the season last Saturday bowing 24-12 to the Bobcats from Montana State. Montana State is a non-conference team, which leaves the Bison still undefeated in the North Central Conference.

Bison Face "Big One"

The Bison gridders still maintain an undefeated conference season but their big test comes this Saturday afternoon when they meet the North Dakota Sioux from Grand Forks.

Saturday's contest, which has been planned as NDSC Homecoming of 1960 is expected to be a thriller for all sixty minutes. NDU, who is winless in the league, and NDSC, who has yet to lose, are both expecting this to be the "big game."

North Dakota Sioux would like very much to taste the win column in this league. If they expect to make a move for the top they must start this game.

The opposite exists for Coach Danielson's club. They have to win this one if they want a first place. So, this contest shapes up to be a "big one." One team is fighting for its first win; the other club fighting to avoid a defeat.

How are we going to pick this game? I maintain that the Bison team is a fighting team. According to reports from Bozeman, Montana, the club even displayed their fight and spirit in a losing cause. With the offensive talent that the NDSC has and with an all out "fighting" team effort, the Bison will add another win to their already tremendous record.

Or shall we put it this way: if the North Dakota State Bison display the same fight and spirit as they have so far this year, NDU's

chances of winning are as likely as NIKITA KRUSCHEV becoming Man of the Year in the United States.

With this type of football on deck, I see no reason why there should not be a record crowd tomorrow. If it's cold, bring along a thermos filled with hot coffee, but make sure it's filled with only "hot coffee!"

After World Series Talk

With the World Series now over there is only one thing all baseball fans who supported a losing club can do. That is "wait until next year."

The baseball draft is coming up soon so watch for a few changes. The Detroit Tigers are after a first baseman and they like Washington's Roy Silver. Cleveland's manager Joe Gordon wants another good starting pitcher and he doesn't like Minnie Minoso's method of training.

Pittsburgh Pirates were quite dissatisfied with their 1959 starting pitchers and had nothing to cheer about their team batting. With these few thoughts in mind look for new faces in the 1960 lineups.

As far as the World Series was concerned, it was the long ball that decided the winner. No matter how many runs a team stops the other from scoring, if this team can't score any runs themselves, how can they win the ball game?

You don't have to go any farther than the Chicago White Sox to have this theory verified. Louis Aparicio played outstanding ball defensively, but his bat was as harmless as Lawrence Welk. A number of times he came up at critical situations and did nothing but "pop" to the infield.

I say, watch for Al Lopez to stress more offense and a little less defense next year.



Westinghouse Vice President Presents Equipment To NDSC

Dr. John A. Hutcheson, vice president in charge of engineering for Westinghouse Electric Corporation, visited NDSC campus October 13. He was here to present a new piece of laboratory equipment for the School of Engineering to President Fred S. Hultz and Dean Frank C. Mirgain.

Present also were Professors Ernest G. Anderson and L. S. Van Slyck in the Electrical Engineering Department, and Mr. H. M. Butzloff, sales engineer for Westinghouse at Fergus Falls, Minnesota.

"The new laboratory equipment," Dr. Hutcheson said, "can be used to teach student engineers the basic principles of converting mechanical energy to electrical energy and vice versa."

"The laboratory machines will measurably assist the new science-oriented trends in electrical engineering education. The units are versatile enough to represent most forms of electrical rotation machines."

The donation of the equipment is a part of a nationwide program, announced in January, 1959, whereby the Foundation, which is supported by the Corporation, is giving, free of charge, laboratory equipment valued at over \$500,000 to all of the nearly 150 accredited electrical engineering departments of colleges and universities in the United States.

The laboratory units will include

Students Urged To Eat Cakes Sat.

Saturday, Oct. 17 students are urged to eat all they can at the LSA center. Pancakes will be served from 7:30-10:00 a.m. and from 11:30-2:00 p.m. The proceeds will help fiance NDSC students attending the 18th Ecumenical Student Conference on the Christian World Mission at Athens, Ohio, December 27-Jan. 2.

Sponsoring the super are United Campus Christian Fellowship, Lutheran Student Association, Wesley Foundation, and YW-YMCA.

one fractional "dc" motor and a three horsepower "dc" motor, two tachometers, a torque motor and a specialized rotating device that can be operated either as a motor or a generator on ac or dc. With all this apparatus working on a single shaft, the specialized unit can be operated at a generator driver by the two motors. Used as a motor, it can drive the rest of the equipment, including the two dc motors.

"Thus, it is possible to duplicate any situation involving rotating electrical machinery and to study the static as well as the dynamic characteristics of converting mechanical energy to electrical or converting electrical energy to mechanical," Doctor Hutcheson said.

Saddle And Sirloin Plans Activities

"It will be a real stompin', rompin' affair," says Charlie Bateman, Saddle and Sirloin Club secretary, about their annual barn dance. The dance was discussed with other year's activities at the first meeting of the group last week.

Saddle and Sirloin's big project of the year will be the Little International, a competitive livestock showmanship contest to be held Feb. 6, 1960. A feature of the show is the Hall of Fame Banquet, which honors an outstanding man in the progress of North Dakota agriculture each year.

Other events of the Little International will include cow-cutting, fraternity calf-roping and sorority cow-milking contests. A queen will be selected to reign over the entire show.

Profits from the show are used to pay livestock and meat judging teams' expenses at shows in Chicago, Ill.; Kansas City, Mo.; Fort Worth, Texas; and Denver, Colo.

Doug Richmond gave a report on the senior livestock judging trip to Austin, Minn.

Gerald Puppe, president, invites new members to the next meeting November 3, 7:30 p.m.

Cardie Brettin received the \$5 door prize.

U Of Wisconsin Prof Speaks At Meeting

Professor William B. Hesseltine, professor of history at the University of Wisconsin, was the featured speaker at the annual North Dakota Social Science Association dinner held last Friday at Jamestown College, Jamestown, North Dakota.

Subject of his speech was "Lincoln: Architect of the Nation".

Professor James Taylor, chairman, Division of the Social Sciences, Southwest Texas State Teachers College, San Marcos, Texas, was the featured speaker of the Saturday morning session.

Attending from NDSC were Courtney B. Cleland, Stanley Murray, W. D. Gardner, E. W. Pettee, Seth Russell, Rudolph Otterson, John Bond, Glenn Fisher and Roy Cook. All are members of the local Social Science staff.

This was the second meeting of the organization which was formally organized at a meeting April 4, 1959 at Bismarck Junior College.

Members automatically include all state residents who have a professional interest in one or more of the social sciences.

THE SPECTRUM
NORTH DAKOTA STATE COLLEGE
FARGO, NORTH DAKOTA

SC Students And Advisors To Attend Student Conference In Athens, Ohio

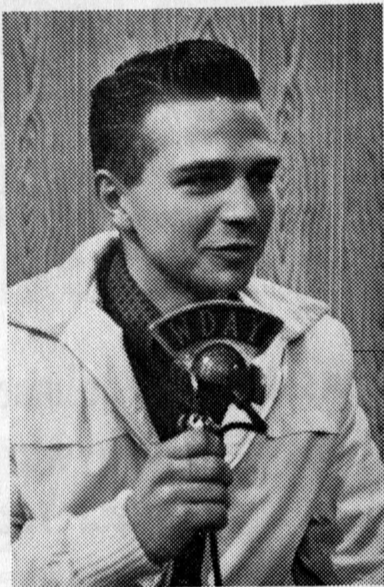
Eight NDSC students and advisors have registered to attend the 18th Ecumenical Student Conference on the Christian World Mission at the Ohio University, Athens, Ohio. Three thousand students, 1500 from colleges in the U. S. and 1500 from colleges overseas, will attend the conference beginning December 27 and closing January 2nd.

Those registered from NDSC are Richard Mowbray, May Ann Wilner, Bob Siberry, Bob Ouradnik, Gordon Anderson, Denny Smith, Sharon Alberts, and Bill Stensrud.

Any student on campus is encouraged to attend this conference. The Christian World Mission cites as the purpose of the conference, "the discovery of what service God calls from us and our church."

Speakers from India; Montgomery, Alabama; and Ceylon will address the students. They will be divided into study-involvement groups to deal with campus problems.

Individual religious groups on campus are raising money to help finance the cost of the trip.



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OF THE EXCITING

Torch Run 16 Separate Reports

BROADCAST TIMES:

FRIDAY, OCTOBER 16—

10:25 A.M.;
3:05 P.M.;
6:10 P.M.;
9:30 P.M.

11:30 A.M.;
4:40 P.M.;
7:30 P.M.;
10:30 P.M.

1:20 P.M.;
5:30 P.M.;
9:05 P.M.;
11:30 P.M.

SATURDAY, OCTOBER 17—

7:05 A.M.;

8:30 A.M.;

9:30 A.M.

970 **W DAY-RADIO** 970

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- Southside Shopping Center Pure Oil

ALL BISON BOOSTERS!

**CASH AND CARRY
FOR YOUR CONVENIENCE
NO PARKING PROBLEMS**
Two blocks West of College on 12th Ave. No.

Sweeney's
CLEANERS

**ALTERATIONS
and
REPAIRS**
We Give S&H Green Stamps