

# IFC Invites Sigma Nu To NDSC

Sigma Nu, national social fraternity, has been invited to colonize at NDSC by the Interfraternity Council.

For the past year a special committee of the Interfraternity Council has been working on the expansion of the fraternity system at NDSC. During this time, three national fraternities have been invited to the campus for short visits. These fraternities were Lambda

Chi Alpha, Sigma Nu, and Phi Delta Theta.

The purpose of these visits was to gain information for their fraternities about NDSC and the fraternity system and for NDSC to learn about their fraternities.

This past week the basic ground work was completed and the special committee recommended to the Interfraternity Council that Sigma Nu be invited to colonize here.

The basis of this recommendation was the evaluation of the three fraternities. IFC considered the financial aid the National office could give a colony in setting up a house, the interest of the fraternity, and their pledging programs.

The IFC voted unanimously to accept the committee's recommendation.

The colonization process is planned to be completed next fall with the installation of the first pledge class of Sigma Nu.

According to David C. Rud, chairman of the IFC Expansion Committee, Sigma Nu should be a boon to the fraternity system at NDSC and the college as a whole.

# The Spectrum

VOL. LXXI—No. 13 NORTH DAKOTA STATE COLLEGE DEC. 18, 1959

## Professor Airs Tax Views Before House Committee

Dr. Wayland D. Gardner, assistant professor of economics at NDSC appeared before the Ways and Means Committee of the House of Representatives on Tues., Dec. 8, to express his views on the taxation of farm income.

He was one of 150 economists, businessmen, lawyers and tax officials invited to present their views before the committee in Washington, D. C. Dr. Gardner left

for Washington on Saturday, Dec. 5 and returned to Fargo on Wednesday.

The committee's study is described as an examination of proposals for tax law revisions aimed at finding ways to reduce tax rates and further the equity of federal taxation without sacrificing needed government revenues.

Dr. Gardner's proposals for farm income taxation are based on a study in the State of Wisconsin in 1954 and 1955. According to his study, the typical shortcomings in farm income tax reporting involve failures to report both gross receipts and deductions, arising largely from deficiencies in the farmer's own accounting system.

Suggested remedies include the consideration of administrative techniques designed to improve reporting of these items and the support of educational programs which help the farmer in maintaining an accurate record of his receipts and expenditures.

Dr. Gardner came to NDSC in 1958 from the University of Wisconsin.

## Lecturer Gives Talk To SC Engineers

Dr. John L. Hill, midwest technical service representative for the National Lumber Manufacturers Association, presented an illustrated lecture on "Wood Technology" at NDSC last Tuesday.

The lecture was in Room 22, South Engineering Building at 7:30



p.m. Dr. Hill also lectured to a building materials class on Monday and Tuesday.

Dr. Hill received his bachelor of science degree in general forestry at Colorado State University, his Master's degree and Doctorate in wood technology at Yale University.

He spent six years doing research and teaching in wood technology with the Forest Products Department at Michigan State University and three years as professor in the forestry department at Alabama Polytechnic Institute.

Dr. Hill joined the staff of National Lumber Manufacturers Association as the midwest technical service representative in the Chicago office in September of 1958.

The department of architecture and architectural engineering sponsored the lecture.

## Electrical Course Taught By Serrin

Mr. Thomas Serrin, instructor in industrial engineering at North Dakota State College, is starting a special course for licensed electricians from Fargo and Grand Forks on Saturday mornings in Dolve Hall on campus.

The special course on Job Management, to be taught on the SC campus for 20 weeks, is sponsored by the National Electrical Contractors Association. It is designed to help orient persons to the electrical contracting business.

Thirty-one licensed electricians, both journeymen and foremen, and electrical contractors are returning to the classroom to improve their working knowledge of the industry. The North Dakota Electricians Education Fund, made up of contributions from electrical contractors in the area, will pay for part of the expense of the course. Many workers are sponsored by their employers. Twenty dollars tuition is charged each participant.

**Don't forget to buy your name change button before you go home for Christmas. The buttons are being sold to promote the name change. No price has been set, but students may contribute whatever they wish. Also remember to take petitions home and get signatures. "The Time is NOW to sign for North Dakota State University."**



Merry Christmas

## Chemistry School Installs Equipment; New Instruments Worth \$50,000

The chemistry school at NDSC has installed \$50,000 worth of new equipment, according to Dr. Ralph Dunbar, dean of chemical technology.

"While this may seem a large sum, it is relatively insignificant and only a small part of what is needed," said Dr. Dunbar.

One of the new instruments is a G2-Beckman gas chromatograph. It is considered to be one of the most important instruments used in chemistry, second only to the analytical balance. A complete breakdown of gases can be done in two minutes with the chromatograph.

A Beckman IR-5 double-beam infrared spectrophotometer has also been added. This instrument will do the same thing for solids and liquids that the chromatograph does for gases in only eight to ten minutes.

These two new machines make it possible to break down and analyze almost any solid, liquid, or gas in a matter of minutes.

Dr. Dunbar believes that with the new instruments NDSC's chemistry school is as well equipped as any other institute in the country.

They will be used for undergraduate instruction and graduate study.

The agricultural bio-chemistry school installed a new model Beckman DK-2 recording spectrophotometer. It is similar to the present ultra-violet spectrophotometer, but is faster due to the automatic recorder.

Another addition to agricultural bio-chemistry is the Spino Analytical Ultracentrifuge used for the study of plant products, viruses, and flax rust.

## Bison Annual Gets First Class Rating By ACP Yearbook Critical Service

Allyn Hart, editor of the 1959-60 Bison, stated that last year's yearbook has been awarded a First Class Honor Rating by the Associated Collegiate Press, 1959 All-American Yearbook Critical Service. This award is the second highest that can be received and rates them as excellent or better. It recognizes the yearbook for its high merit. The All-American award rates above the First Class Honor Rating.

The Bison was criticized for the content of its copy. The rating service felt the copy was not factual and not properly suited to use in a college yearbook. This criticism of the yearbook is rather a controversial issue.

A November, 1959 article in Photolith, the national magazine

for yearbook staffs and advisers, by N. S. Patterson, editor, said of the yearbook, "A simple, dignified book, the Bison is unmistakably modern." Mr. Patterson praised the Bison highly. He felt the reader was told exactly what, when and where things were happening.

He commented on the wording used and on the brief stories which made the pages interesting. One of his statements was, "One sees some of the same stress on informality, action, and the real life of the campus in pictures and stories . . ."

Mr. Patterson seemed to feel there was nothing wrong with the simple and interesting approach used by the Bison yearbook.

The Bison also received the First Class Honor Rating for its 1957-58 edition.



**NORTH DAKOTA UP FRONT**—A team representing North Dakota State College won the \$250 third-place award offered by Chas. Pfizer & Co., Inc. in the intercollegiate meat judging contest held recently at the International Livestock Exposition in Chicago. Left to right are Dr. William Hale, animal nutritionist for Pfizer who presented the award; team members—Richard Knutson, Oakes, N. D.; Keith Bjerke, Northwood, N. D.; Henry Singer, Beulah, N. D.; and coach Verlin Johnson. North Dakota tied with the University of Nebraska for top honors in lamb judging. The prize money will be used to finance meat research at North Dakota State College.

# Off The Editor's Cuff

By Bob Thompson

If I may take a few minutes away from Philippe Entremont's concert, which is tremendous—he possesses a beautiful touch—I would like to pass on an inspiration that hit me.

Last Tuesday night I was reading a Christmas card from the Crippled Children's Home in Jamestown. The verse goes something like this:



Dear God,  
I wish for just a chance  
To try to do what others do  
To learn what other children learn  
To play as others play.

A chance to prove that I can do  
Not just these things, but so much more  
Because You're holding fast my hand  
And opening the door.

Philippe is doing some kind of cross one hand over the other right now—to me he is great. While I sit here, I can't help but think of the two extremes of individuals. Here is a young man who is extremely gifted, while in Jamestown there are others who have had their gift taken away from them.

How unfortunate—what method does God use to say, "You shall be gifted; but you, my young, innocent child, are going to have your gift taken away from you?" What method does he use to say, "You are going to have a crippled leg or an injured mind." Does the Bible teach us that these young innocent humans are to be punished when there are guilty people walking the streets?

Here I sit between the two—admiring one and feeling a deep, deep, almost crying sympathy for the other. If only we could do something for the unfortunate who have had their young, innocent lives jeopardized by the ultimate.

We could take a few less drinks during vacation. Our time might be better spent putting Christ back into Christmas and offering a prayer for the unfortunate.

## Is Capital Punishment Barbaric? Chessman Case Raises Many Questions

In editorials, letters to the editor and bylined opinion columns, California collegians have been debating the Caryl Chessman case. Though the center of attention is in California, persons across the world have entered the controversy, especially as it involves capital punishment.

**(Chessman, a convicted kidnapper-rapist, has been confined, facing the gas chamber, for 11 years. Appeal after appeal has stayed his execution, and Chessman has written several books while imprisoned.)**

Says staff writer Don Seratti of Guardsman, City College of San Francisco: "Capital punishment is little more than a refined version of lynching old western horse thieves.

"In the case of Chessman particularly, we find a talented individual who has used his 11 years of borrowed time to make outstanding contributions to the literary field and law. . . . We join such individuals as Aldous Huxley and Eleanor Roosevelt in a moral appeal for the preservation of Caryl Chessman's life by commutation of his sentence to life imprisonment."

From the University of Relands

Bulldog comes the view that "while abolishing the barbaric death penalty is a worthy goal that all humanity might strive for, a movement to make a hero and martyr out of a convicted criminal is a pathetic way of accomplishing this end.

Reader Tom Maines gave an arguments against execution in a letter to Los Angeles Valley College Star. Some of his thoughts:

**"I know I would rather pay the few pennies a month, which is about all it would cost each taxpayer, to save the life of a man who otherwise would be on my conscience . . . and lend the man . . . a little four by eight foot prison cell in which to spend the rest of his life.**

"Capital punishment is supposed to be a threat to our would-be criminals. But interviews with thousands of convicted criminals have uncovered the fact that the person who is about to kill is not in the frame of mind to give thought to any consequences. . . . The day will come when man will have attained some status as a civilized being. Possibly by then we will have stopped killing our brethren as a penalty for doing wrong."

### THE SPECTRUM

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# The Spectrum Asked:

## What is our greatest gift?

Spectrum Photo Interview

By Mayo Flegel



It could be that money may solve your problems.



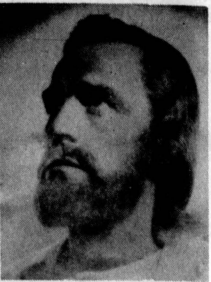
Or even a few bottles of alcoholic beverages.



We might have a yearly "I want" list filled out.



Or it could be a big meal to look forward to.



But unto every one of us is given grace according to the measure of the gift of Christ.

# Student Recalls German Orphan's Yule

By Mayo Flegel

"Easy there, better watch the next corner, kinda icy, Red." "Hope Tom and Pete got the ice cream." "I hear Sgt. Hill is going to cut the cake." "Yeah, and Plunk's going to be Santa Claus." "With that stomach of his, it will be a cinch."

Such were the comments that day three years ago as the old olive drab Army bus left Daenner Kaserne in Kaiserslautern, Germany.

Here was a group of men, some away from home at Christmas for the first time, some with "Dear Johns" in their pockets, many with pictures of loved ones back state-side—all wishing they could be home for the holidays. Yet only one thing was on our minds—a party for the kids.

What a combination—ice cream, Christmas songs, cake, Santa Claus and G. I.'s. They wouldn't seem to mix . . . but they do if you add one more ingredient to this strange recipe for a happy Christmas—orphan children. Yes, we were forgetting our little troubles for the day and going to give a bunch of kids in an isolated and almost forgotten orphanage the best Christmas they ever had.

We got to the orphanage about two that afternoon and were greeted by approximately seventy kids ranging from 4 to 12 years old. Kids without homes like the ones we had come from. Kids who couldn't remember ever owning a toy or having a big brother give them a hand. But they did remember the Americans who had made some playground equipment for them the summer before—the guys who said, "If you are real good, we'll be back at Christmas time".

Their faces were beaming as they showed us their quarters, crowded, cold, nothing fancy, but very neat and clean. Their clothes, too, were old, patched, and re-patched, but spotlessly clean. We learned, also, that you don't always have to trip on toys when there are kids around. These kids had no toys.

After proudly showing us their

"home", they seated us in their largest room. They were going to give us something first. They presented a program for us with a few recitations and several songs in the German language. Their rendition of "O Tannenbaum" was particularly beautiful. As they sang "Silent Night," they insisted that we sing along with them in English. Maybe it wasn't a music major's dream, but to us it was something too wonderful for words to describe.

Our part of the program started when our German-speaking, pudgy, motor pool sergeant came in dressed in a Santa Claus suit and carrying a huge sack with candy and popcorn treats. Our other gifts for them, bought by payday donations, were some clothes. Their appreciation was overwhelming. It is unbelievable how happy they were over new socks and material for trousers or dresses. At last, clothes without patches!

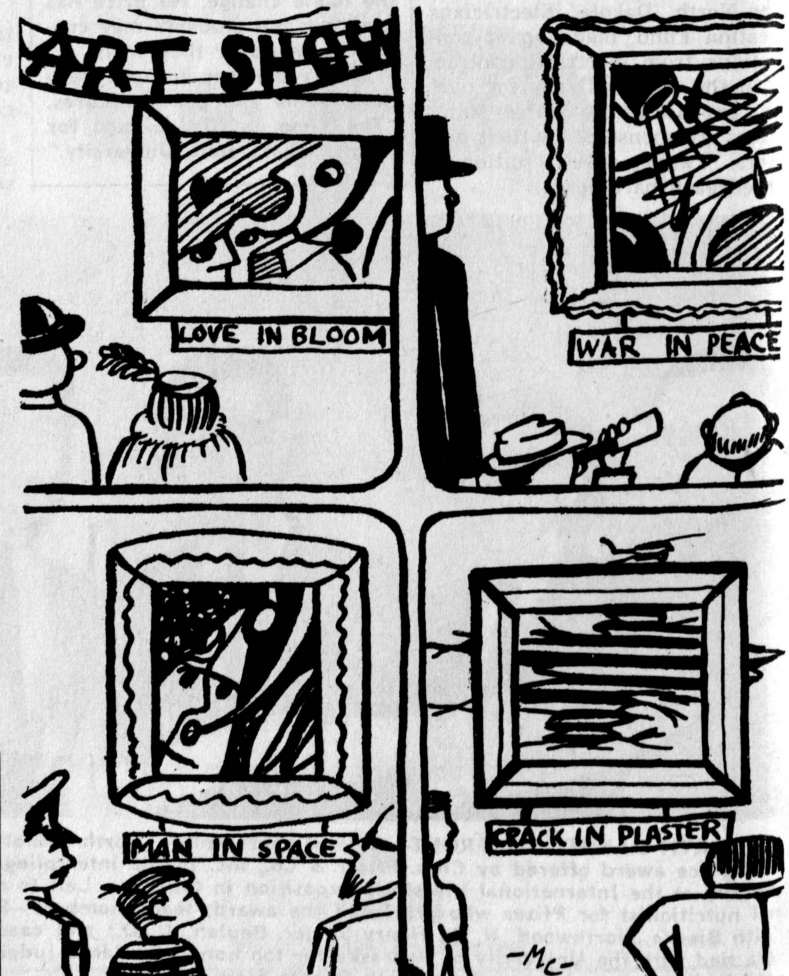
When the kids settled down, we served them ice cream and cake—all they could eat. Laughter and happy voices filled the room—what a day! (Oh, yes, we managed to

have more than they could eat so we had a treat afterwards.) All around the room, you could see the GI's sitting with a dish of ice cream on one knee and an orphan on the other. The kids' German and the GI's English weren't made for good conversation, but between little things like language barriers?

The afternoon had just begun, it seemed, when it was time to bid farewell. "Auf wiedersehens" were exchanged all over the place as we boarded the bus and left. Looking back, as we drove off, we could see the yard full of children waving.

During our ride back to our Kaserne, we thought of the smiling faces and the many "Danke schoens" of the kids. For the first time in the lives of many of us, we realized the meaning of the Biblical passage, "It is more blessed to give than to receive."

These kids were, at least for one afternoon, happy. Happiness is contagious. Thus what had started out to be a party to brighten the lives of some orphans, turned out to be the happiest Christmas I've ever known.



**VETERANS NOTICE**  
All veterans are requested to wait until after Christmas vacation to file for the GI Bill. You must sign up Jan. 4 to receive your check.



Chuck Rongen of the "Y" Couples Club is having fun playing with the children from St. John's orphanage at the library last Saturday night.

## Hultz Names Eight Staff Members To Centennial Group

Eight members of the staff at NDSC have been named to a special committee for the centennial celebration of the founding of land-grant colleges and universities, said Dr. Fred S. Hultz, president.

Plans for the 1962 centennial celebration in North Dakota will be carried out by this committee with the help of several advisory sub-committees.

Heading the centennial committee will be Robert L. Crom, assistant to the president. Others are Professors A. W. Anderson, J. W. Broberg, Dr. John Callenbach, T. W. Gildersleeve, Dean C. E. Miller, Lorissa Sheldon and Dean Matilda Thompson.

In appointing the committee, Hultz pointed out the significance of the land-grant system of public higher education which began on July 2, 1862 when President Abraham Lincoln signed the Morrill Act.

Today the land-grant institutions in America confer about one-half of all doctorates in the sciences, engineering and in the health professions; all of those in agriculture, and approximately one-fourth of the total in the arts and languages, in business and commerce and in education itself.

## Happy Holiday Season



### DECK THE HALLS

When you think of Christmas gifts you naturally think of Marlboro cigarettes, leading seller in flip-top box in all fifty states—and if we annex Wales, in all fifty-one—and if we annex Lapland, in all fifty-two. (This talk about annexing Wales and Lapland is, incidentally, not just idle speculation. Great Britain wants to trade Wales to the United States for a desert. Great Britain needs a desert desperately on account of the tourist trade. Tourists are always coming up to the Prime Minister or the Lord Privy Seal, or the Thane of Glamis, or like that and saying, "I'm not knocking your country, mind you. It's very quaint and picturesque, etc., what with Buckingham Palace and Bovril and Scotland Yard, etc., but where's your desert?")



"...but where's your desert?"

Before I forget, let me point out that Scotland Yard, Britain's plain-clothes police branch, was named after Wally Scotland and Fred Yard who invented plain clothes. The American plain-clothes force is called the F.B.I. after Frank B. Inchcliff, who invented fingerprints. Before Mr. Inchcliff's invention, everybody's fingers were absolutely glassy smooth. This, as you may imagine, played hob with the identification of newborn babies in hospitals. From 1791 until 1904 no American parent ever brought home the right baby from the hospital. This later became known as the Black Tom Explosion.

(But I digress. England, I was saying, wants to trade Wales for a desert. Sweden wants to trade Lapland for Frank B. Inchcliff. The reason is that Swedes to this day still don't have fingerprints. As a result, identification of babies in Swedish hospitals is so haphazard that Swedes flatly refuse to bring their babies home. There are, at present, nearly a half-billion unclaimed babies in Swedish hospitals—some of them well over eighty years old.)

But I digress. Marlboro is, of course, an ideal Christmas gift for your friends and loved ones who enjoy filter cigarettes. If, on the other hand, your friends and loved ones like mildness but don't like filters, then you can't go wrong with a carton of Philip Morris. If your friends and loved ones like a subtly mentholated cigarette that combines refreshing taste with high filtration, then buy a carton of Alpines. (Alpines, incidentally, are named after the late Albert G. Pine. Al Pine worked all his life to invent a cigarette that would combine light menthol and high filtration, but alas he never succeeded. As by-products of his research he did manage to invent the atom, the gooseneck lamp and the cocker spaniel, but the lightly mentholated high filtration cigarette, alas, never. Now this dream is realized, and what could be more fitting than to pay tribute to this gallant man by calling this cigarette Alpine?) © 1959 Max Shulman

We, the makers of Marlboro, Philip Morris and Alpine are now enjoying our sixth year with Max Shulman. Obviously, we think he is a funny fellow. We think you'll think so too, if you look at his television series "THE MANY LOVES OF DOBIE GILLIS"—and read his latest book, "I WAS A TEEN-AGE DWARF."

## Do You Have Gift Problems? Here are Some Shopping Tips

What should I give for Christmas? Breathes there a man (or woman) with soul so dead that this thought hasn't run frantically through his mind ever since the hit tune of the week has been the "Do your Mailing Early" song?

Do you want something for the person who has everything or at least gives that appearance? For newlyweds, a simple little electric can opener with an attached electric clock might be just what they had hoped for. (Just what you hoped for too since the price tag is \$35.)

As long as we are discussing electric things there is an alarm clock now with the sound unit made to fit under the pillow so that only one person need be awakened. That sounds like a blessing if your roommate has an eight o'clock class and you don't regain consciousness until 10.

Fellows, if your lady love is a home economics major, you can get her a 14 kt thimble for only \$20. For the sports-minded male, there is a coolerator that fits in minnow buckets. It is said to practically insure longer minnow life.

If you are actually beating your head against the wall as far as Christmas gift ideas are concerned here are some pointers.

If you are a fellow shopping for a girl, and if this is the first gift that you are buying for her, it is not a good idea to buy clothes. However, if you are buying her a gift of clothing and wonder about the size, ask her roommate, mother, or sister.

Jewelry is usually a good choice. The simpler things are better than highly decorated pieces, because they can be worn with many more clothes. You might hesitate when it comes to buying perfume. Perhaps you can judge the kind of scent she likes but get something that you like.

Other possibilities are: a lipstick case, a pen, a billfold, key case, or cigarette case. If you want to make her feel pampered, choose something that she would not buy for herself.

As far as buying for a fellow is concerned, there seems to be no ethical way to look down the back of his neck to check the shirt size. However, sweaters, gloves, wallets, cuff-links, tie clasps, scarves, lighters, and travel kits are possibilities for the man in your life. He might also like a jewelry case, a money clip, or a garment bag.

If you are buying a gift for a

family, you might get a pop-corn popper, a magazine subscription, movie theater tickets, or assorted imported cheeses.

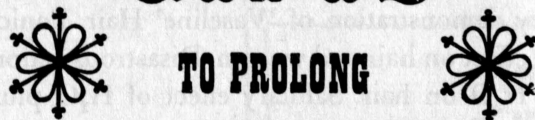
When you buy a gift, ask yourself: "Does the gift suit the person I am purchasing it for, and would I be pleased if someone gave this to me?"

## MERRY CHRISTMAS



### GENTLEMANLY

### GIFTS



TO PROLONG

### THE CHRISTMAS SPIRIT

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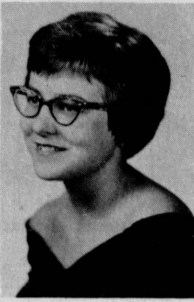


Across The Campus  
From NDAC  
Open Till 8 p.m. Every Evening

# Hi-Society

By Evanne Grommesh

I DON'T know about you, but I got all broke up when I heard Santa Claus was dead . . . He'd always been rather a favorite of mine . . . This is the big rumor anyway that's been floating about campus. Evidently people don't know this downtown . . . stores, windows, sidewalks, streets . . . here a Santa Claus . . . there a Santa Claus . . . everywhere a Santa Claus . . . And just pick up a newspaper or magazine . . . every other page has Santa with the big smile . . . He drinks nothing but Coca Cola . . . goes wild over the way KiWi polish shines his shoes and simply adores Mr. Clean which, of course, makes the sleigh look like Brand New . . . Guess Christmas Eve will tell the story . . . Is Santa dead or alive?



ALL I know for sure right now is . . . I can forget for about 360 hours about all the studies I'm already behind in . . . (Who was it that said, "This is really going to be a good quarter") . . . Anyway . . . just have the bestest Christmas . . . and have a jolly good time on New Year's Eve . . .

JOHN ASKEW, Sig Chi, will tie the knot on Dec. 27 . . . His bride will be Mavis Lynne of Jamestown.

DEC. 26 is the wedding date set by SPD alum Ed Gilbertson and KD alum Mary Ann Van Sickle . . . another SPD John Opie will take the big step on Dec. 30 . . . John's gal is Nancy Lou Parr.

AT THE Alpha Gam term party last weekend, a new dream man was announced . . . He is Dick Bergquist, AGR . . . Dick was presented with a trophy by Karen Zielsdorf, AGD president.

CHRISTMAS SEASON appears to be wedding season too . . . Alums we give priority—former ATO Wayne Schnell and Kappa Maureen Steigman tied the knot last Saturday in Mandan.

CHRISTMAS CAROLING was in order on Thursday night . . . Alpha Gams and AGR's let out with familiar Christmas strains as did the Kappa Alpha Theta's and ATO's.

KAPPA EPSILON, pharmacy group, had their annual yule party last week . . . Special guests were Miss Matilda Thompson and Mrs. Clifton Miller.

MULTI new Greeks about . . . going active recently . . . first from the TKE house . . . are Philip Roesch, Buck Lund, Jerry Usgaard, Jim McCrank and Buck Baragry . . . on to the Theta's . . . Jan Peterson, Sandra Werre, Jan Dunbar,

Irene Swanson and Jane Costain . . . last, but not least SPD's . . . Norman Fritchie, Harold Stangeland, Norman Gregornik, Orville Dovre and Michael Goolsbey.

CAN'T FORGET those Kappa Psi's . . . Tony Welder, Dave Doerr, and Henry Grywachecki, better known as Ski—why can see.

HERE'S the first news for next week . . . ISA will have a Card Party with prizes and such at the Union on Jan. 4 . . . time is 7:30.

A BIG NOTE to you gals . . . Spinster Skip is on Jan. 9 . . . that's the first Saturday we're back . . . Paul Hanson will play . . . Better ask him now . . .

ONE MORE item . . . sorority rush starts Jan. 11.

BYE NOW people . . . hope you get many nice presents . . . say perhaps a red fire engine or a candy cane!!

# Yule Shopping Is A Marvelous Sport

By Arlene Christianson  
Feature Writer

Christmas shopping—is there any sport like it? During what other time of the year can you push people over without even saying "excuse me"? Christmas shoppers take on the appearance of the celluloid ducks in the water-spout at a carnival, a great deal of movement with very little thought.

Christmas shoppers probably start out with the best intentions in the world. Even after they have waited 30 minutes for a bus or have driven their car around that long, looking for a parking place, they may still be thinking: "I am going to get a gift that exactly suits the person".

Perhaps you have seen the gift that you have in mind in one of the Fargo stores. The problem is which store? You work your way down Broadway asking for the article.

Of course you have picked up a few things on the way so that your progress is slowed. When you started shopping at the north end of Broadway you asked clerks politely for things. By the time you are close to the NP depot, your manners have lost their varnish.

Saturday I started at Ted Evan-son's looking for a silver collar pin. Needless to say, I bought it at Wimmer's jewelry. I was so determined to get the pin that I forgot about the shirt I was going to buy to go with it. Until the time I bought the pin, I thought that just any new shirt would do.

To my utter dismay, I found that this was not true. Collar pins must have a special type of collar. I found the proper shirt at the fifth store. At this time I had everything left to buy and 20 minutes to do it in.



Just crowned Military Ball Queen, Janice Dunbar, Kappa Alpha Theta, looks surprised and happy as she glances at our camera. Jan was sponsored by the Alpha Tau Omega fraternity. She was one of eight co-eds vying for the title. Other candidates were Darlene Dietrich, Kappa Kappa Gamma; Jan Melby, Phi Mu; Joyce Larson, Gamma Phi Beta; Linda Swenson, Kappa Kappa Gamma; Kay Lavold, Kappa Delta; Cheryl Larson, Kappa Kappa Gamma; and Vergene Anderson, Kappa Delta. Ralph Marterie and his band supplied the music for the Military Ball which was Dec. 9th.

I went into Herbst with dreams of getting everything else that I needed there. I became involved in the Santa Claus line when trying to cash a check and gave up the battle at this point.

All in all, Christmas shopping is a fine game if you are dressed for it. The costume should include a hockey stick for pushing people out of the way, a mountain climber's pack-rack for carrying bundles that you can no longer hold onto with your hands, and football shoes for insured traction over someone you have knocked down.

# Camera Club Shows Film Classic Jan. 10

Film Classics will be shown in the new theatre classrooms in Minard Hall beginning January 10 on Sunday afternoons from 3 to 5 p.m. by the 'Y' Camera Club.

Purpose of the project is to attempt to bring back the photographically classic films of yesterday, silent and otherwise. Also to be shown will be literary classics like Macbeth and great foreign films.

A minimum charge of 25 cents per production will be made to cover costs.

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# Sitar Spends Spare Seconds Seeking Money; Collects Coins For A Hobby

If someone should tap you on the shoulder and say, "Let's see your money, friend," don't panic. It may be a stickup, but more likely it's just a coin collector wanting to check your change for rare coins.

Bob Sitar, AAS Fr., says he's one of the three or four students around campus who spends his spare time hunting up valuable old coins.

Bob started this hobby a year ago and now has a collection of coins that he figures is worth over \$500.00. Most of his coins are valued at from fifty cents to ten dollars each, but he has a 1916 dime made in the Denver mint that is worth \$25.00. He is presently looking for a 1909 San Francisco minted penny that would have a

value of \$30.00.

He has bought some of his coins at high prices from swap shops or from other collectors, but most of them he has picked up just by looking through his own and other people's change.

What does Bob plan to do with all this loot? Why, he's just going to hang onto it. He says the number of coin collectors is increasing, so coins will become more scarce, and more valuable.

Meet old friends.  
Make new ones.  
**DANCE**  
**CRYSTAL BALLROOM**  
Both Modern & Old-Time  
on Tuesdays  
Rock 'n Roll on Saturdays

## NOTICE

Wesley Foundation

The first meeting of 1960 will be on January 6 at 6:00 p.m. in the Lutheran Student Center. The program will be a recording of Liturgical Jazz. All those interested are invited to attend.

"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  
AMPLE PARKING SPACE - BOOTHS FOR YOUR CONVENIENCE

## 20th CENTURY ROMANCE 378-379

Techniques in handling women  
No academic credit, but who cares  
Professor Romeo M.

The effects of well-groomed hair on romantic success in the mid-twentieth century. Laboratory demonstration of 'Vaseline' Hair Tonic, its effect on hair and women. Disastrous action of H<sub>2</sub>O on hair. Salutary effect of H<sub>2</sub>O plus 'Vaseline' Hair Tonic on hair. Term Paper: Unfavorable reaction of females to male's use of alcohol tonics and hair creams (Stickywig's Law of Diminishing Returns). Students taking this course are advised to stock up on 'Vaseline' Hair Tonic and keep week ends open.

Materials: one 4 oz. bottle 'Vaseline' Hair Tonic



it's clear,  
it's clean,  
it's  
**Vaseline**<sup>®</sup>  
HAIR TONIC

'Vaseline' is a registered trademark of Chesebrough-Pond's Inc.

## You Can Talk To Hoover Or Godfrey With A 'Ham Ticket' And Some Study

How would you like a pass to visit with such people as Arthur Godfrey, Herbert Hoover Jr., or Crown Prince Saif Al-Islam Al-Badr of Yemen, Arabia?

According to Douglas Mulhair, Eng. Fr., you need only three things to obtain such a pass, a desire to learn something about the operation of a two-way radio; a little bit of study time so that you can get a "ham ticket"; and two dollars, which includes one year's dues to the NDSC Amateur Radio Society and a key to their "ham

shack". Getting a general class license or "ham ticket" isn't as difficult as most people think, since Doug, as well as hundreds of other "hams" achieved this goal by the time they were 12 or 13 years old.

Doug says that students from any department may join the Amateur Radio Society which operates station WØHSC, located in South Engineering. The radio equipment is owned by the Electrical Engineering department and kept in shape by E. E. students.



Learning how to interview important people is a part of the class work in Communications 201. Above, Allen Docketer, EE Fr., is getting in some practice with Al Vogel, IE Sr., publicity director of IRC.

*Lady Manhattan.*



Things look rosy when you wear this delightfully embroidered Lady Manhattan shirt. It's a dress-up version in drip-dry no-iron cotton. Count among its blessings: the fine feminine fit, the soft, precision-cut collar and those extra-long stay-in shirt tails.

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## Engineers Need Good Command of English Language and Ability to Manage and Administer

Employers of engineering graduates told engineering colleges at Iowa State University that they want a broader individual than they are now getting. The occasion was an October meeting of the North Midwest Section of the American Society for Engineering Education, which includes members from Iowa, Wisconsin, Michigan, Minnesota, South Dakota and North Dakota.

In a panel speaking before a group meeting of civil engineering

instructors W. A. Ringer of W. A. Ringer, Inc., Sioux City, Ia., summed up the two greatest needs of the young engineering graduates as ability to communicate by means of good spoken and written English, and ability to manage and administer as a good businessman should.

Other members of the panel generally agreed that engineers presently are well trained in the technical aspects of their professions. They pointed out that en-

gineering jobs often require far more than technical knowledge. Human relations, salesmanship, accounting and law were areas most frequently mentioned.

They also said they needed men with ability to take responsibility and with a desire to move ahead as well as those who would use imagination and initiative. They said they hoped their employees would have curiosity and a drive to explore new fields.

Most said they looked carefully into the students' record of campus activities, and expected him to be a responsible citizen and a leader as well as a competent engineer.

To introduce the broader studies in the college curriculum, most of the panelists were willing to see the engineering curriculum extended to five years, at least for the outstanding students who would be expected to be leaders in their profession.

Dr. Albert Walker, chairman of the Iowa State University department of English and speech, told the engineering professors that one result of the study of literature and history on the part of the engineering student might be the tendency not to be over-surprised by what happens in human affairs, with a resulting increase in objectivity.

He said that one of the obstacles to bringing students of engineering to a proper study and use of literature and history is the widespread assumption that education is for information only.

He concluded by saying that science has been an aid to decency and morality in many ways, but "the study of science is usefully supplemented by literature and history if we are thinking about the whole man or woman."

## Pharmics To Meet In Bismarck

A midwinter Pharmacy Institute, sponsored by the School of Pharmacy at NDSC and the State Board of Pharmacy, is being planned for retail pharmacists Jan. 25, in Bismarck.

Richard O'Neill, assistant professor of Pharmacy at NDSC, and James Moore, president of the state board, are co-chairmen. They said the institute is planned to bring new ideas to practicing pharmacists.

## For A Christmas ENGAGEMENT!

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FINE JEWELRY FOR OCCASIONS

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Sizes - 00, 0, 1, 2, 2½, 3, 4

Priced for the Student

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Christmas decorations brighten many rooms in Stockbridge Hall as the Yule season approaches. Here, Bill Stemsrud, Ph. Fr., is putting the final touches on the Christmas tree in his room.

## Campus Speech Clinic Provides a Variety of Services to College and Community

A number of college students are using the facilities of the NDSC Speech Clinic located in Festival Hall. Two foreign students with foreign dialects are trying to improve their English, and 2 students with voice problems are receiving therapy treatments. There are a number of students on the waiting list because there are not enough therapists available.

The speech clinic is part of the regular college curriculum and is under the direction of Mr. Delmond Bennett. Twenty students are majoring in speech correction. Five clinicians are doing therapy with approximately twenty-eight speech cases. The clinic provides a training program for speech and hearing therapists as well as a service to the community.

Through its regular clinics and special summer clinic the speech therapy program has helped families from all over North Dakota and western Minnesota.

The clinic consists of several sound-treated rooms with hearing

testing equipment. A one-way-vision mirror separates the two main therapy rooms so that children can be observed during therapy without being distracted. Work is done with every type of speech problem such as cleft palate, cerebral palsy, stuttering, aphasia, hard of hearing, voice and articulation problems.

Last year Minnesota passed legislation making speech therapy mandatory in the public schools. It is likely that North Dakota will follow suit, and there will be many vacan-

cies unless the speech therapy program is greatly accelerated. There are now between 40 and 50 therapists working in the state, four of these in Fargo.

Speech handicapped school children are the largest single group of handicapped children, and it has been estimated that from 4 percent to 10 percent of the students have speech problems.

The need for trained therapists greatly exceeds the supply, and there is a growing opportunity for anyone interested in the speech therapy program. Depending on the amount of training and experience, salaries range between \$4200 and \$6000 for a 9 month period.

In order to encourage more students to enroll in speech correction there is a concentrated effort extended by an organization of speech clinicians to secure scholarships from club groups and private individuals that would assist interested students.

## Dick Knutson Heads Livestock

Richard Knutson, Ag., Jr. is this year's assistant manager of the Little International Livestock Show. He will assist Don Johnson, Ag., Sr., 1960's show manager. Richard was elected Tuesday, Nov. 10, by the members of Saddle and Sirloin, who are sponsors of the show.

## Stamps On Display In Home Economics

Textiles Topics on Commemorative Stamps is the title of a display by the Textiles and Clothing department in room 33 of the Home Economics building. The mounted and framed display, which features 27 stamps from 15 nations, covers the textile and related industries and honors people who have made outstanding advances in the textiles field.

The largest number of stamps from one country comes from France and covers a variety of topics from the mannequin of the dress industry to the recognition of important inventors from that country. Another French stamp commemorates the Gobelin Tapestries.

One of the most novel things about this collection is that two different countries credit two distinct individuals with the invention of the sewing machine.

Miss Mildred Hawkins became interested in the project through an article she read in an English textiles magazine, "Fibres." She then procured the stamps and set the display.

## Overseas Jobs Call For High Ability

High qualifications are now necessary for agricultural jobs overseas, said Mr. Paul Kasson, North Dakota County Agent Leader.

In order to get an agricultural position overseas, you should have a degree specifically designed for foreign work. Agricultural specialists need a masters degree, he explained. "Present county agents and vocational agricultural instructors who want positions should have at least five years of experience and then hope that there is an opening."

Nearly all of the overseas jobs in agriculture are in under-developed countries in Asia, Africa, and South America. Hardly any positions are available in Western Europe.

The foreign training graduate study program is designed to strengthen areas of individual deficiency so that all reach an acceptable level of understanding in world cultures and human relations. Areas that are studied include sociology and cultural anthropology, world geography, history and politics, language, and extension education.

Montana State College is one of the few colleges in the nation offering such a graduate program.

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# Student-Faculty Advisory System Is Subject Of Counseling Survey

A study of the student-faculty advisory system at NDSC is being made by the counseling and testing department. The purpose of the study is not to evaluate the system, but rather to provide an accurate, objective picture of how the advisory system functions.

The study is divided into two parts: the interviewing of approximately 40 students and 20 faculty members, and the completion of a written questionnaire. The participants were selected at random. The questions are aimed to determine what aspects of the system are important to the students.

At present, a group of freshmen students and some sophomores have been interviewed. They are being asked for three statements: to describe one instance when their advisors helped them, one when they hindered them, and one instance when they wished their advisor had helped them, but he didn't.

Listed below are some comments that have been made in answer to

the questions.

"I know that if my marks aren't good my advisor will give me trouble."

"When I got low grades, my advisor called my instructor to find what I needed to do to improve my marks and how much it would cost me."

"My advisor didn't give me enough help in applying for a scholarship."

"He wouldn't help me apply to another institution."

"She kept me from taking more courses than I could handle."

"I don't feel faculty advisors should give advice on personal matters."

"I wish I could have met my advisor earlier, before initial registration."

"No attempt was made to interpret my entrance test scores."

It is hoped that the study will be completed by the end of the second quarter, and results made available by the end of the school year.



Angel Flight has initiated five new members, seated, left to right, Audrey Walker, Kathy Kippels, Nancy Euren, Colette Buhr, and Nancy Atkinson. Absent were Evanne Grommesh and Verona Wegley. Standing left to right, are active members Linda Swanson, Yvonne Wittmer, Kay Klicker, Commander Fern Letnes, Phyllis Gill, Linda Lewton, Glorian Heib, Kay Ormiston, Marion McKinnon and Dee Ann Nelson.

## 34 Percent Increase In Farm Production Needed By 1975 To Hold Present Living Standard, Says President Hultz

An encouraging picture of the future for North Dakota farmers was painted by Dr. Fred Hultz, president of NDSC, at the North Dakota Crop Improvement Association banquet in Jamestown, Mon., Nov. 23.

Dr. Hultz told the group a 34 per cent increase in total farm pro-

duction will be needed in 1975 to maintain our present standard of living. This prediction was based on an increase in our population over 300,000 million people in the next ten years. He cited two reasons for the expanding population rate—

younger marriages and the baby boom of 1945-99 reaching maturity. Pointing out the implications of this increase for North Dakota, Dr. Hultz said the livestock income of farmers and ranchers can be doubled by taking advantage of the opportunity to feed out the livestock now produced here.

Dr. Hultz also pointed out the potential of irrigation with the nearing completion of the Garrison Dam. The need to convince Congress of the necessity for the Garrison Diversion Unit in the Devils Lake area depends on the implications of the future.

The advent of irrigation in North Dakota will provide a stabilizing effect on our economy to a degree never before known on the northern plains, according to Dr. Hultz.

The Agricultural Experiment Station is establishing a branch irrigation station at Carrington to study the many problems presented by irrigation, and the findings will be available through the Extension Service.

## Staff Announced for '60 Yearbook by Editor Hart

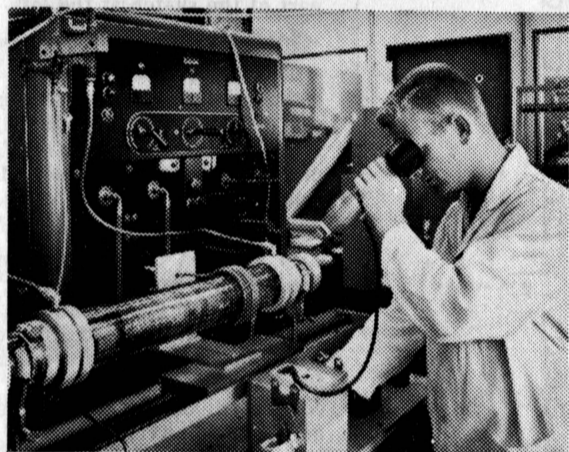
Twenty-seven NDSC students have been appointed to the Bison yearbook staff. They will work under Allyn Hart, who was appointed editor last spring.

The various staff heads are Mary Wallum, AAS, Jr. and Jane Munro, AAS, Sr., organizations; Darlene Dietrich, AAS, Jr., Greeks; Lou Bjerken, HE, Sr., senior; Charlotte Tomlinson, Ph., Jr., and Alice Sorenson, HE Jr.; Pat Nelson, AAS, So., and Marjorie Norris, AAS, So., Sophomore; Sandra Rott, AAS, So., index.

Dennis Johnson, Ag., Co., activities; Don Nelson, AAS, Jr., scholastic; Leonard Lesmeister, Ag., Jr., copy; John Kocourek, AAS, Jr., sports; Carolee Arneson, AAS, So., and Janet Bahr, AAS, So., typists.

Others working on the paper are Marjorie Norris, AAS, So., sophomore copy editor; Diane Oss, AAS, So., layout and organizations; Gayle French, AAS, Fr., greek section and typing; Deanna Riewer, HE, Fr., layout; Deanna Henderson, AAS, Fr., greek section; Susan Dickinson, HE Fr., Greek section; Marlene Caplan, Ph., Fr., layout and typing; Joyce Lemke, AAS, Fr., layout and typing; Nancy Owens, AAS, Fr., layout and typing; Gordon Strommen, Ph., So., layout and sports; Sheila Stewart, AAS, Fr., organizations and greek section.

Last year's Bison received a First Class Rating from ACP Critical Service. This classified it as excellent.



Purity Plus—Hughes Products Division engineer checks semiconductor materials to insure purity.



Exit cones capable of withstanding temperatures of 6000° F. represent one example of advanced engineering being performed by the Hughes Plastics Laboratory.

# an atomic clock in orbit

To test Einstein's general theory of relativity, scientists at the Hughes research laboratories are developing a thirty pound atomic maser clock (see photo at left) under contract to the National Aeronautics and Space Administration. Orbiting in a satellite, a maser clock would be compared with another on the ground to check Einstein's proposition that time flows faster as gravitational pull decreases.

Working from the new research center in Malibu, California, Hughes engineers will develop a MASER (Microwave Amplification through Stimulated Emission of Radiation) clock so accurate that it will neither gain nor lose a single second in 1000 years. This clock, one of three types contracted for by NASA, will measure time directly from the vibrations of the atoms in ammonia molecules.

Before launching, an atomic clock will be synchronized with another on the ground. Each clock would generate a highly stable current with a frequency of billions of cycles per second. Electronic circuitry would reduce the rapid oscillations to a slower rate in order to make precise laboratory measurements. The time "ticks" from the orbiting clock would then be transmitted by radio to compare with the time of the clock on earth. By measuring the difference, scientists will be able to check Einstein's theories.

In other engineering activities at Hughes, research and development work is being performed on such

projects as advanced airborne systems, advanced data handling and display systems, global and spatial communications systems, nuclear electronics, advanced radar systems, infrared devices, ballistic missile systems...just to name a few.

The rapid growth of Hughes reflects the continuous advance in Hughes capabilities—providing an ideal environment for the engineer or physicist, whatever his field of interest.

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### CAMPUS INTERVIEWS

February 10

For interview appointment or informational literature consult your College Placement Director.

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# Many New Buildings in NDSC Future Plans

By Bob Thompson  
Spectrum Editor

With the new year coming and the old year leaving, let's look to the future and see what is in store for the college.

The State Board of Higher Education has been authorized to sell tax-exempt bonds for the purpose of constructing the following revenue-producing buildings at NDSC:

Chapel-YMCA, \$200,000; armory, army reserve, 149,000; married student housing, 300,000; two men's dormitories, 1,400,000; women's dormitory, 500,000; and student union addition, 550,000. The bonds authorized shall be retired solely from revenue other than state funds.

### Application For New Buildings Is Before Federal Housing Adm.

According to Dr. Fred S. Hultz, we have an application before the Federal Housing Administration for 1,200,000. The money will be used to build the first wing and lounge of the new women's dormitory and the new men's dormitory. The women's dormitory will cost 500,000 and will house 180 students. The men's dormitory will cost 700,000 and will house 250 men. The two buildings are located in the lower part of the sketch at the left.

The women's dormitory is south of President Hultz's house. Just the east wing and lounge will be built for the present. The new men's dormitory will be south of Minard Hall.

### Appropriations Are Made

In addition to this permissive legislation appropriations have been made to make plant improvements to restore Ladd Hall (chemistry), 50,000; to build a water line for West Campus, which is now completed, 68,000; to pave up to and out 15 Ave., which is near completion, 85,000; to complete the brick exterior of Agriculture Engineering, 20,000; to furnish the new women's dormitory, 50,000; and to build a new pharmacy building, now under construction, 550,000.

In addition to the state appropriation for the new pharmacy building the National Institute of Health gave 110,000 for the building.

The state also appropriated 750,000 for a new agriculture science building, which will be bid next spring, and 100,000 for two more greenhouses. A new turkey building was completed recently at an appropriated cost of 27,500.

### Higher Board of Education Approves Master Plan

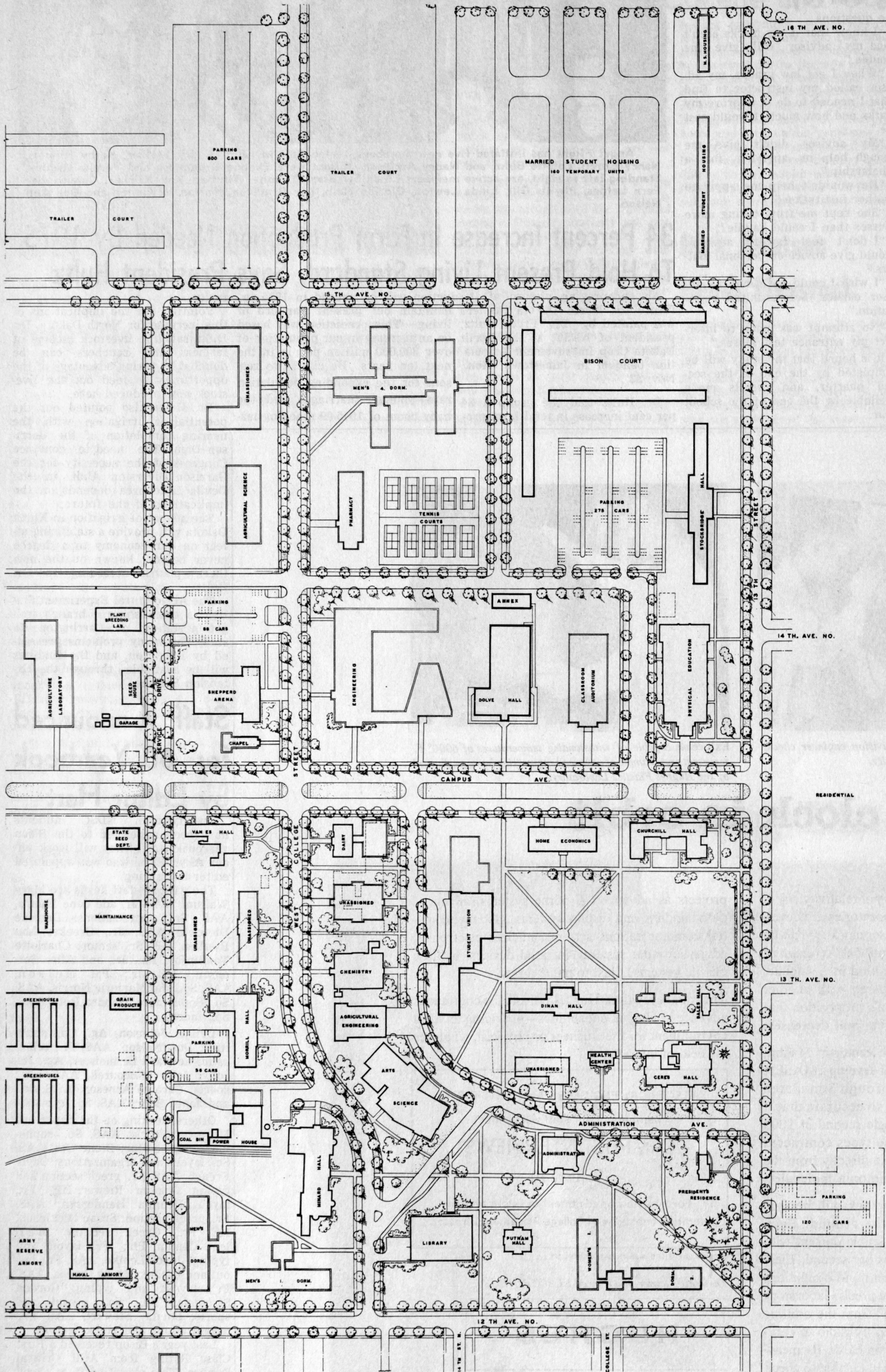
This fall, the Higher Board of Education approved the campus master plan to the left. The new field house, which isn't shown on the drawing, will be located just west of Dakota Field. It is not expected to come in the near future. All other buildings that aren't built are marked with double lines.

The buildings are not sketched to scale, but rather for location. The planning of the campus is being done by Nason, Law, Wehrman, Knight, Morell, and Nichols, Incorporated. Some other schools who have had their work done by them are UND and U of Minnesota.

In planning the campus, they kept three interests in mind: 1) to study the flow of traffic, 2) to place the dorms on the periphery, and 3) to place classroom buildings on the inside. The present plan was presented to the school about six to eight months ago.

### New Engineering Building

According to Dr. Hultz, the new engineering building, which will be located in what is now the union parking lot, will have first priority in the next legislature. South Engineering will be turned over to the school of Arts and Science with funds for remodeling.



REVISIONS  
SEPT. 29, 1959

## North Dakota Agricultural College

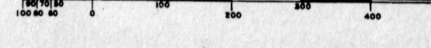
GENERAL PLAN FOR ARRANGEMENT OF BUILDINGS & GROUNDS

NASON MORELL & NICHOLS, INC. LAW WEHRMAN & KNIGHT  
SITE PLANNERS — ENGINEERS

1959

FARGO, NORTH DAKOTA

MINNEAPOLIS, MINNESOTA  
SCALE





# Soph Architects Take Traffic Survey; Prove Union Is Most Popular Place

Tuesday, Nov. 9, from 10 a.m. to 3:15 p.m., the sophomore architecture students took a survey to find out where student travel goes. They did this by handing out and collecting slips from all students at the main entrances to the campus and at the entrances to the important campus buildings.

They had 21 points from which they handed out and collected slips. A total of 4,641 slips were handed out and 3,926 were collected. Campus co-operation was 84.5%.

Each of the 21 points had a code number. After the slips were collected the architecture students figured the total number of persons who passed each point by the code numbers. From the total number of persons passing each point they were able to determine the percentage of student travel.

### Union Most Popular Building

Of the 3,926 slips collected 1,077 were collected at the Union. Students from Ladd Hall had the highest percentage of union traffic. Seven per cent of all persons going to or from Ladd went to the Union.

Ceres Hall had the lowest number of persons going to and from

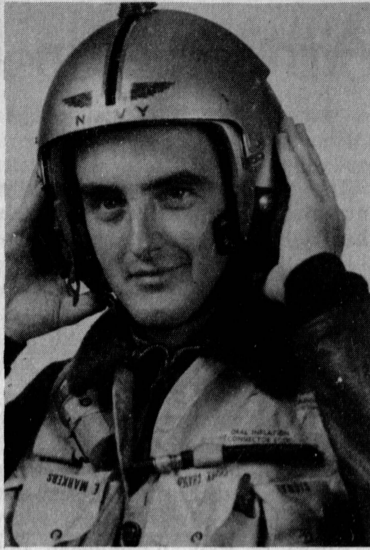
the Union with 1.25 per cent. Minard, administration and library were found to be the next three most popular buildings. Minard totaled 400, administration 302 and the library 281.

### Student Reactions

The student reactions to the survey varied a great deal. A few of the comments the architecture students were told when they tried to pass out the slips were: "Sorry, I don't drive." "We don't want to vote for your queen." "Should we tell you a secret? We're from Concordia." "How much does it cost?"

From this survey the architecture students found how the sidewalks could most benefit the pedestrians. Their problem was to redesign the sidewalks to give the utmost benefit, basing the redesigning on the percentage of pedestrian travel.

The survey was a problem set up for the design class. They are not actually planning on redesigning the sidewalks.



Navy Ens. Robert K. Brumwell, 1958 NDSC graduate, qualified as a carrier pilot Nov. 6 after making eight landings aboard the support aircraft carrier USS Antietam in the Gulf of Mexico. Bob, son of Mr. and Mrs. Harry M. Brumwell of Erskine, Minn., is now undergoing five weeks of multi engine navigation instruction, the final phase of his flight training, at Corpus Christi.

# Spectrum Revises Publishing System In Effort To Cut Time And Expense

Bob Thompson, Spectrum editor, has revised the system of publishing the campus newspaper.

Deadlines have been moved up to 12:00 Tuesday noon instead of 5:30 as they have been in the past. The paper will be entirely assembled on Tuesday evening and sent to the printer's the same night.

Previously Tuesday and Wednesday nights have been spent in putting the publication together. At least one-third of this time was non-essential, according to Thompson. He feels expenses can be cut by accomplishing the same amount of work in less time.

The success of the new program hinges on the complete cooperation of the Spectrum staff phases—reporting, copy reading, and layout. Reporters assignments will be posted in the publications office each week by the news editor, Julie Staber.

Her staff is composed of thirteen reporters: Fran Minnehan, Wes Schierman, Bob Haugen, Ralph Eikmiller, Sylvia Snustad, Arlene

Christianson, Kitty Merrill, Nancy Freed, Janie Tomlinson, Bette Lindner, Marlene Caplan, Deanna Henderson, and Nancy Freed.

Working under Jan Kippen on copy are Marlene Caplan, Deanna Henderson, and Denise Hardmeyer.

Sports reporters are Sherry Basin, Dan Kennelly, and Pat McCann.

Spectrum photographers include Mayo Flegel, George Spangler, Earl Thomson, and Jim Marsh.

Mike Canning is the cartoonist.

A new department, the morgue, has been added. Ruth Brakkel, who is in charge, will file pictures and letters and be responsible for public relations.

Feature writers are reporters Arlene Christianson and Bette Lindner.

Marilyn Marschke heads the layout staff which includes the following: Wes Schierman, Fran Minnehan, Alyce Puppe, Betty Dahm, Bette Lindner, Ruth Brakel, Marlene Caplan, Sylvia Snustad, Kitty Merrill, Sherry Basin, and Evanne Grommesh.

# Play Cast Is Named For Abstract Drama

By Sylvia Snustad  
Spectrum Reporter

Tryouts for "The Adding Machine," a play to be presented in abstract on Feb. 10-23, gives us the resulting leading characters: Mr. Zero, Tom Joyal; Mrs. Zero, Connie Kimbrough; Dazie, Marilyn Anderson, and Shrdlu, Bob Haugen. The total cast consists of 27, including many new faces.

The play is about a man who has worked for the same company all his life. One day his boss asks him to come in to see him. The man, Mr. Zero, goes, expecting a raise, and instead is fired to make room for an adding machine. In revenge he kills his boss and is accordingly executed. He goes to a place "in between" heaven and hell.

From this comparatively pleasant place between heaven and hell, Mr. Zero is assigned a job in a place similar to hell. He is sent back to earth to count lumps of coal singularly as they go through a machine.

Half of the entire play takes place with all the characters dead. It is expressionistic, using abstract scenery and costumes.

There are no acts in the play, but seven scenes. All names are numbers, signifying nothing. This play is completely different from any play ever presented at NDSC. Members of the cast seem to be anxious to get into the play as it is a new educational experience for them.

"The Adding Machine" was written by Elmer Rice in the 1920's to show the effects of the coming machine age. It has been successfully produced on Broadway by such great names as Edgar G. Robertson.

New 1960 L&M brings you taste...more taste...

# More taste by far... yet low in tar!

New, free-flowing Miracle Tip unlocks natural tobacco flavor! That's why L&M can blend fine tobaccos not to suit a filter...but to suit your taste!

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THE MIRACLE TIP  
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More taste by far...yet low in tar...And they said "It couldn't be done!"

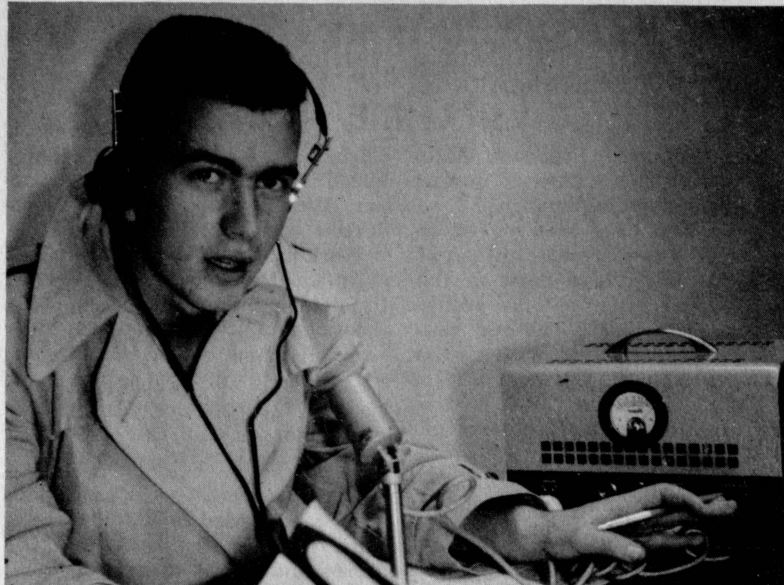
Happy Holiday



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- Distinctive Cloth Coats
- Smart Sportswear

113 Broadway



Hear all the NDSC basketball games on KDSC, campus radio live from the scene of action with Larry Hunter, your sportscaster.

# Army Team Heads Intramural Bowling

By Dan Kennelly  
Sports Writer

The best bowling to be seen in intramural competition is found in the All-Star League. At the top of this hot shooting league sits the Army team which has a total of 16,640 pins to its credit this season. Chemistry Club holds second place. All teams in this loop have scored at least 14,360 pins.

In the five other leagues only two teams have hit this mark. High individual games were posted by Chuck Hernet, Larry Paulson, and Jerry Lingen. Best averages are credited to Dale Williamson, Bob North, Ed Mack, Sheridan Dronen, Stan Sweet, and DuWayne Baranyk.

The League of Women Bowler's high spot is tied between the Skyline Cafe and the Union Barber-shop. Ceres Hall cafeteria has a grip on second.

## ALL-STAR

	W	L
AUSA	22	10
Chem. Club	19	13
TKE	18	14
Pharmacy Club	15	17
ATO	15	17
Sigma Chi	14	18
SAE	13	19
Theta Chi	12	20

Total Pins	AIEE No. 1	AIEE No. 2
16640	22	10
15428	19	13
14791	19	13
16272	17	15

## ENGINEER

### MASTERS

AGR	23	8
Farm House	22	9
YMCA	21	11
Co-op	14	18
Vets Club	14	18

## MAJOR

Gamma Delta	22	10
Farm House	20	12
Vet's Club	19	13
Sigma Chi	17	15

## CLASSIC

ATO	23	9
TKE	22	10
Sigma Chi	17	15
Co-op	16	16
Kappa Psi	16	16

## METROPOLITAN

S. B. No. 2	14	2
Vets Club	14	6
S. B. No. 1	11	5
Kappa Psi	12	8

## WAA

WAA No. 1	11	4
GPB	10	5
AGD	10	5
KD	8	7

## SC Bowlers Score

In face to face intercollegiate bowling, NDSC varsity bowlers downed Jamestown College and Valley City. The freshmen were unsuccessful in their bout with the Concordia freshmen. The varsity traveled to meet their opponents, while the freshmen met Concordia on the Union alleys.

DuWayne Baranyk's 573 was high total score in both varsity games. Jerry Lingen nailed down a 562 and 558, and Chuck Frantz hit 554. Ray Seiler of Jamestown came through with a 559. In the Jamestown match the score was 2630 to 2573 and in the Valley City 2678 to 2448. Concordia edged over our freshmen 2644 to 2632.

## NOTICES

### Discussion Group

Discussion group meeting will be held Wednesday, Jan. 13. Anyone interested in student probing discussions is welcome. The meeting is at the Lutheran Student Center at 8:00.

### ISA

ISA will meet Monday night, Jan. 4, at Meinecke Lounge at 7:30 p.m. for a card party. Prizes and refreshments will be given. All independents are invited.

Sneak-preview for Jan. 11: "Meet Mr. Stereo".

### ASAE

ASAE will meet Jan. 7, 1960, to make arrangements for the annual banquet. Further plans for the farm equipment show are also scheduled.

Meetings feature speakers such as Ross Peterson, hydrologist, who spoke to the group at the last meeting on ground water and its development.

### Bismarck-Mandan Students

All college students in the Bismarck-Mandan area are cordially invited to the annual Bismarck Junior College Christmas Formal. It will be held on December 21, at the Bismarck Municipal Country Club. Tickets may be secured at the door.

### IRC

Inter Religious Council will meet Monday, Jan. 11 at 9:15 in conference room B in the Student Union to continue plans for the winter Religion in Life lecture series.



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# Bison Suffer First Loss of Season 60-56 Wrestlers Gain Tie With Bemidji Team

The NDSC Bison Basketball team suffered the first loss of the season last weekend. They were defeated by the Beavers of Bemidji State College 60-56 at Bemidji. The loss gives the Bison a 1-1 record for the season. Both games were non-conference contests.

The Herd jumped off to an early point lead, but were unable to hold the advantage as the "giants of the North" steadily closed the gap, catching and passing the invaders 30-28 at halftime. It was a see-saw battle from that point, with

NDSC taking a one-point lead three times in the second half. A Beaver six-point spurt in the final three minutes of the game gave them the final lead with another trio of field goals icing the decision at 60-56 as the final buzzer sounded.

For NDSC it was once again the backcourt performers that carried the brunt of the scoring load. Marv Bachmeier and sophomore Kenny Lehr led State scoring with 15 and 13 points respectively from their guard positions. Bachmeier was held to one of the lowest totals of his varsity career as the Bemidji

defense geared itself to thwart the scoring efforts of the NCC scoring titlist. Beaver Gerry Freudenberg led all scorers with 23 points—nearly half his team's total.

The Herd will be idle over the Christmas break, returning to action on Dec. 28 when they play host to the 4-team Fargo-Moorhead invitational tourney. NDSC opens conference play Jan. 8 and 9 when they tangle with South Dakota State and Augustana. They return home on Jan. 31 for a two-game series with South Dakota University and Morningside.

## Wrestlers Gain Tie With Bemidji Team

Coach Tom Neuberger's NDSC varsity wrestling team came one giant step closer to the victory path last Friday night at Bemidji as they grunted and groaned their way to a 16-16 team tie with the Bemidji State College matmen.

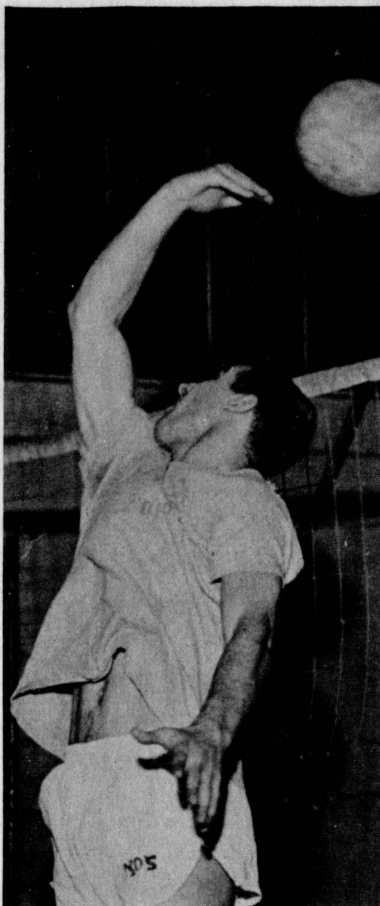
Individual match winners for the Bison were Larry Van Sickle, in the 147-lb. class, pinning his opponent; Frank Johnson, a 157 pounder, also by a pin; Dennis Whitson, at 177 pounds for the third pinning of the contest; and Dale Hinkle, who won a decision over his opponent, who is the Minnesota Intercollegiate Wrestling Champion, in the 177 pound category.

Results of the first two contests of the current season would seem to indicate that wrestling has come of age here at State, as the Herd grapplers have given good accounts of themselves against two of the toughest opponents they are likely to encounter. Last Friday's Bemidji tie marks the first time in the squad's three-year history that they haven't been defeated by that school. Their performance in the previous South Dakota State match served notice that the Bison will make their presence felt in future conference matches.

The team competed at Concordia on Wednesday night of this week, too late to make the Spectrum sports deadline. Their next match is Jan. 8 against the NDU.

The remainder of the Bison wrestling schedule is as follows:

- Jan. 8—UND
- Jan. 9—MSC
- Jan. 16—St. John's University
- Jan. 23—Minot Teachers
- Jan. 30—Quadrangular match at Fargo; VCT, MSC, University of Saskatchewan, and NDSC.
- Feb. 5—SDU
- Feb. 6—Omaha University
- Feb. 20—MSC Tournament
- Feb. 27—N. D. College State Meet at Valley City.
- Mar. 5—District 12 NAIA meet at Valley City.



Theta Chi's Ken Lehr spikes one over the net to help his team gain a berth into the finals against Kappa Psi.

## NDSC Bison Hosts Holiday Tournament

The NDSC Bison will host the holiday basketball tournament at the fieldhouse Dec. 28 and 29.

The tournament, which is a joint venture of the three colleges in Fargo-Moorhead, will feature the Concordia Cobbers, Moorhead State Dragons, St. Cloud and the NDSC Bison.

Student activity tickets will not be honored at this tournament which is on a rotation basis with the three colleges.

Season tickets for the faculty and employees and their wives and the students' wives are now on sale for \$5.00. These tickets, along with the student tickets for the tournament, are on sale at the fieldhouse, Bookstore, and the business office.

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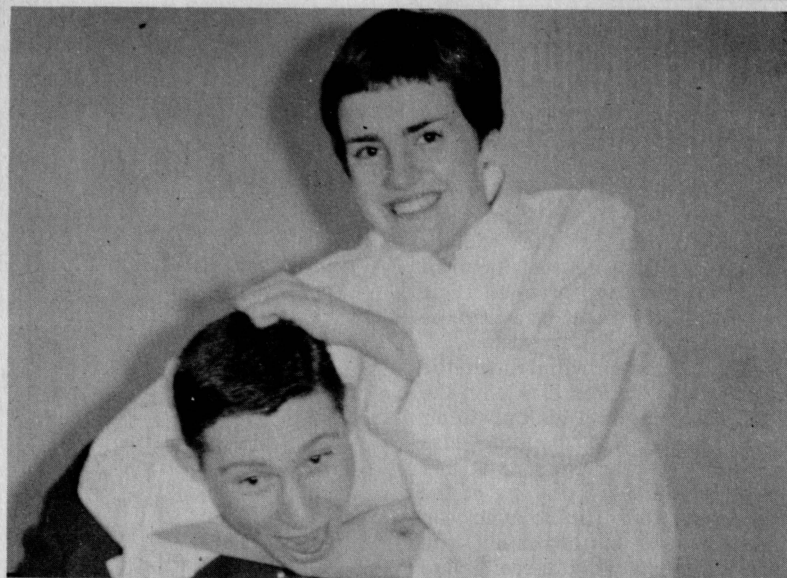
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## Nineteen New Members Initiated Into Electrical Engineering Fraternity

Nineteen new members were initiated into Gamma Tau Chapter of Eta Kappa Nu, Dec. 9, (Wednesday), at the annual initiation and banquet held in the Memorial Student Union. They include one instructor, three graduates, eight juniors and seven seniors.

The initiates are instructor Donald E. Peterson; graduates Chin-Lin Chen, Ernest A. Hoaby and Chiao-Yao She; seniors Kenneth R. Bourdeanu, J. Parker Erickson, Douglas F. Fischer, Robert V. Helgeson, Arden R. Helland, Curtis O. Hogenson and Irvin R. Zimmerman; juniors Peter T. Krump, Edward B. Kuehnel, Rodney C. Langer, Gary G. Louser, J. Warren McCullough, William P. Rupert, Gerald N. Vettel and Donald K. Welter.

Mr. L. O. Mayer, guest speaker from Northern States Power Co., spoke on "Improvements in Generating Plant Efficiency Over the Years." Robert Fox, senior member, was toastmaster.

Erickson and McCullough were elected pledge co-chairmen of the new initiates and have been in charge of the pledge project of furnishing and remodeling the Electrical Engineering Lounge and reading room, which will be opened soon.

Mr. LeRoy Meyer has been elected new faculty advisor, succeeding Prof. Edwin M. Anderson, who is presently working on his doctorate.

Lloyd Kutter was the North Dakota State delegate to the national Eta Kappa Nu convention held early this fall at Lincoln, Neb.

## NOTICE

UCCF

United Campus Christian Fellowship members returning Sunday, Jan. 10 are urged to attend the welcome ack pizza party. Meet at Lutheran Student Center at 7:45 p.m.

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## Panhellenic Council Slates Activities For Winter Quarter

Panhellenic Council reports sororities will not enter the Snow Sculpture contest this year. Representatives of the six sororities forming the council feel that the Ugly Man contest is a more worthwhile project as proceeds go to charity.

Other Panhellenic activities include:

Winter rush, Jan. 11-16. This is a formal rush period, although not as elaborate as fall rush. The kick-off party is Jan. 11, with Junior Panhellenic planning the entertainment.

Charity Ball, Jan. 30. Paul Hanson is scheduled to play.

All-College Dance, Feb. 13.

Scholarship Recognition Service, April 18. At this time, the girl on campus with the highest scholastic average will receive an award. The girl with the highest average in each sorority will also receive an award.

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## Mechanical Engineering Department Offers Night Course In Welding

A night course in welding, which began Monday, December 7, at 7 p.m. is being offered by the NDSC mechanical engineering department.

The class meets in Room 114, South Engineering building and John H. Forrer, a member of the NDSC faculty, who has had over 30 years experience in industry and educational institutions, is the instructor.

Both arc and gas welding will be covered in the course, which is designed to teach either beginners or advanced students to take care of

repairs on the farm, garage or fabrication in a factory.

Anyone interested in the course should contact Professor A. W. Anderson, chairman of the NDSC mechanical engineering department (phone AD 5-6411, ext. 333) or John Forrer (ext. 335 or home phone AD 2-7668).

Only 15 students can be accommodated in the laboratory at one time, so enrollment is limited.

Meeting three nights a week for 5 weeks, the course, which is GI-Bill approved, will cost \$50, which covers materials and instruction.

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