

Vol. LXII No. 30

May 18, 1962 North Dakota State University, Fargo, North Dakota



Flor

Steinhaus

Kellogg Abbott Four Leaders To Be Honored **Commencement** Exercises

Four leaders in government and education will be honored commencement ceremonies at NDSU at 2 p.m. Sunday, May 20, during the commencement program followng the awarding of bachelor's and master's degrees to 624 candidates.

The honorary degrees will be given to George A. Abbott, retired UND professor of chemistry; Harold H. Flor, USDA Pathologist; Charles E. Kellogg, Assistant Administrator, Soil Conservation Service; and Edward A. Steinhaus, chairman of insect pathology department, University of California.

Dr. Abbott is a native of Illinois and received his BS and AM degrees in chemistry from De Pauw University. In 1908 he earned his PhD degree from Massachusetts Institute of Technology. He came to North Dakota the following year as an assistant professor at NDSU and assistant chemist with the Experiment Station in charge of paint investigations.

Dr. Flor has conducted research for the U.S. Department of Agriculture as a plant pathologist at North Dakota State University since 1931.

Dr. Flor's major contribution to science is his recognition of a fundamental relationship between host plant and parasite controlled by genetic factors.

Working with flax and flax rust, he discovered and proved the complementary genic system between host and parasite. Dr. Kellogg is a native of Michigan and received his BS and PhD degrees from Michigan State University. He joined the staff at NDSU in 1930 as an assistant professor of soils and was promoted to professor of soils in 1934.

He left NDSU to become director of Soil Survey with the Bureau of Plant Industry in Washington, D. C., a position he held until 1942, when he was named head soil scientist. Dr. Kellogg has been honored

wth the Distinguished Service

Award and Gold Medal of the NSDA.

Dr. Steinhaus is a native of North Dakota and attended Max High School. He received his BS degree from NDSU in 1936 and his PhD from Ohio State University in 1939.

He was with the U.S. Public Health Service Rocky Mountain Laboratory in Montana before going to the University of California in 1944.

Dr. Steinhaus organized the first Laboratory of Insect Pathology of its kind at any university. He is the author of numererous articles and two authoritative texts, "Insect Microbiology" and "Principles of Insect Pathology."

He is president-elect of the Entomological Society of America and was recently appointed to the USDA Committee on Agricultural Science.

The four honorees will visit the NDSU campus and take part in commencement activities on May 20.

Choir And Band Leave For Seattle

NDSU will be represented by 110 musicians at the World's Fair in Seattle, Wash., June 3-5. The NDSU Gold Star Band

and Concert Choir will leave Fargo by train Friday, June 1. "We will sleep in the coach

room and will arrive in Seattle on Saturday, and Alf Houkom, choir director.

Four concerts will be given by the choir and three by the Gold Star Band. On Sunday, June 3, both groups will present concerts at the North Dakota picnic.

"Governor Guy also plans to be in Seattle Saturday for the fair and the picnic," said Bill Euren, director of the Gold Star Band.

Tuesday, June 5 is to be North Dakota Day at the fair. Both the band and choir will present a concert at that time. "There will be a half-hour spot for the

choir and band during the Governor's Reception Tuesday after-noon," said Euren.

A one hour twilight concert will be given by the choir and the band the same evening according to Ernst Van Vlissing-en, chairman of the music department

"We plan to 'play by ear' because we don't know for sure what type of music will be wanted," added Van Vlissingen.

The girls will stay at a hotel and the boys at a dorm near the fair grounds according to Alf Houkom, instructor in mus-

"We will have three free days for sightseeing which should give us a chance to see as much of the fair as possible, said Sandy Flom, choir member.

Mr. and Mrs. Bill Euren and Mr. and Mrs. Alf Houkom will accompany the students.

Senate Discusses Campus Problems

The Student Senate, in a three hour meeting, heard and ap-proved several important motions pertaining to the yearbook, Monday night dances, barring freshmen from having cars on campus, and Blue Key's actions regarding alcohol. ANNUAL'S PROBLEM

EXPLAINED

Roger Helgoe, chairman of the Board of Publications, gave several reasons for the mistakes on this year's annual. Helgoe put the majority of the blame on the photographer, a company from New York. The firm did not keep good records Helgoe said, thus they lost pictures and used the wrong ones in many cases.

Next year every organization on campus who has planned to have a picture in the annual will be responsible on their own to select a photographer. They will turn the print into the annual staff for printing. This will insure that every organization gets proper coverage.

A side point brought up concerning the annual was the announcement that it has been selected by the American Yearbook Company to be a display copy. To an outsider, the annual looks good, stated Helgoe.

Sherry Bassin, student body president, pointed out that the only reason the New York firm got the bid for photography was because all the Fargo firms turned in identical bids, demanding \$4 a picture. The New York company had excellent recommendations from other schools they had worked with, which helped the decision to go to them, said Bassin.

Jim Olson proposed that Senate should take some action pertaining to the loss of money by the students who paid for pictures and never saw them in print or elsewhere.

(Continued page 6)

Smith Donates Art xhibit To Union

'Artists speak of their paintings as original. They say they did them themselves, but none of them are original," said Ralph W. Smith. "What ever beauty is in them has been copied from the Great Master Painter of the 'niverse.

These statements were made by Smith at the opening of his exhibit of oil paintings in Memorial Union Monday afternoon.

A collection of 52 paintings representing "America the Beautiful" shows a scene from each state with three of North La Mesa, Calif., after his retirement. Here he paints and is an active member of the local Art Association which has displayed his works throughout the area.

There have been oil paintings by Smith on exhibit in North Dakota for several years. The North Dakota Historical Society has a 23 piece collection which includes portraits of early pioneers and historical scenes.

A painting of "Old Main" in 1906 was given NDSU for the library when it was first built.



"COULMN LEFT" was a common command as these ROTC men last Friday as they marched

from the field house to Festival Hall for ROTC awards day.

Dakota. The exhibit was given to the Union by Smith and is on display in the main lounge until the end of the school term. It will be hung permanently in the new addition to the Union.

"It's an interesting theme," said Glenn Smith, dean of the graduate school and son of the artist. "It is typical of the way he thinks because he loves nature and enjoys traveling."

"The paintings were started in 1953 and finished a year ago," said the elder Smith. They were started to illustrate the song, "America the Beautiful."

Smith started painting after his retirement as an agronomist ^{3t} the Dickinson Experiment Station at the age of 60. "I've always been interested in art," he said. Smith is a self-taught artist who paints for nis ewn satisfaction. The only art course he has had was a drawing course in 1901 while he was attending normal school.

Smith and his wife moved to

Playground To Be Built

"University Village will have a playground," announced May-or David Hoff. President Albrecht gave the married students the go ahead on Tuesday.

The maintenance department has ordered swings, slides and sandboxes for the playground. The school will also furnish picnic tables for parents and a four foot fence around the area which will be located between West and Stadium Courts.

The Married Students Association is responsible for cleaning the area prior to setting up the equipment and parents will be responsible for policing the area

Neither the school nor the Married Students Association will assume the responsibility for injuries.

Advanced ROTC Cadets To **Receive Commissions Today**

Thirty-one ROTC cadets at NDSU will be commissioned at joint Army-Air Force exercises at 4 p.m. today in Festival Hall.

President H. R. Albrecht will introduce Major General Frank Hamilton Briton, commander of the U. S. Army XIV Corps, Minneapolis, who will deliver the commissioning address.

The NDSU president will present the distinguished military cadet and other senior awards before the General's address. The cadets will receive their commissions at the close of the program.

Colonel Joseph E. Habeger, professor of air sciences will give the welcoming address and Lieutenant Colonel Joseph W. Mitchell, Jr. professor of military science and tactics, will administer the oath of office.

The Invocation and Benediction will be given by Rev. Robert H. Siberry from the United Campus Christian Fellowship and music for the procession will be played by the Gold Star Band, directed by William Euren.

The new lieutenants will be assigned as follows:

CONGRATULATIONS, SENIORS, ON YOUR ACHIEVEMENTS. MAY YOUR FUTURE BE PROSPEROUS.

AIR FORCE

Kenneth L. Anderson, Terry R. Luke, Richard O. Lundstrom, James M. McCrank, James R. ... Wifall and James J. Wilheim.

ARMY

John W. Becker, Donald G. Bischof, Marlo R. Brackelsberg, Bruce I. Cary, Gary L. Connell, Arthur A. Fendrick, Richard D. Hansen, Joseph Hodek, Marvin S. Jensen, Dennis G. Johnson, Kenneth F. Keller, John A. Lundquist, Robert C. Matejcek. Vernon J. Mathern, Clinton G. Munch, Cordell C. Peterson, Roman D. Rezac, Russell W. Ringsak, Ellis G. Rockswold, Duane E. Saville, Lowell J. Schellack, Jerrold H. Schroeder, John P. Staples, Samuel Tschritter, Dennis W. Wamre.

THE SPECTRUM

Friday, May 18, 1962

Editorial School Year Reviewed By Spectrum Staff

Page 2

As most of you know, this is the last issue of the Spectrum for the 1961-62 school year. From a newspaper point of view, we think it has been an interesting year.

There was the coming of President Albrecht to our campus... there was the emergence of the married students as a cohesive, working group in place of individual grumbling...and the consequent improvement of the morale and living conditions.

Most people will agree there was an exciting, hard fought election for student government and Senate is acting more like a legislative group and less like a sewing circle.

The College of Agriculture got its new Walster Hall, the power plant is getting new boilers so it, presumably can overheat more and more campus rooms.

The new women's dorm is nearly completed, a few steps from Old Main and another men's dorm is going up on the other side of the campus.

NDSU can be proud of their Rohdes scholar and two Fulbrights.

The Land Grant Centennial came and is about to go.

This lists just a few of the highlights of the news scenes as the Spectrum saw and reported them.

From a purely editorial point of view, The Spectrum editors welcome the increased interest of students in campus activities as expressed in comments before Senate, replies to questionaires, letters to the editor and guest editorials.

Guest Editorial ited an automobile assembly NDSU Needs An Orientation Program For Foreign Students

In the library lobby not long ago there was a world map with pins protruding, each one designating a different native land of a foreign student attending NDSU. A list of their names is followed by their respective countries in the yearbook. NDSU is apparently proud that these students have chosen this campus. Yet when these same students, halfway around the world in some cases, gain admission, all they receive in the line of information is a letter of acceptance. Nothing about college life in this country. Nothing, even, about arrangements to get to the campus.

Adjustment to campus life is often difficult for the citizen freshman, but for the foreign student, items like the monetary system, food and clothing are incomprehensible if there is no one to explain them.

The foreign student is re-

quested to arrive on campus Sept. 1, and for two weeks he must find for himself, even in finding some individual who might willingly answer his questions. And the campus at this time makes one of the usual term weekends — suitcase students and all — look like the Bison Room during a convocation. If he should arrive late, the dorms are probably all occupied.

One interviewee suggested that a brochure be sent along with the letter of acceptance; and that it should contain information on the location of the campus, climate, transportation, food, clothes and available hous-

ing. Because off-campus rooms may be unavailable or difficult to rent, a room in the dorm should be reserved for each student admitted.

Of his misfortunate experi-

ences with housing mixups, one student said: "No student should be allowed to stay in the basement of Churchill Hall, which even by standards of underdeveloped nations is a stable, not a dormitory."

NDSU needs an orientation program to integrate these students into American academic life.

The program should include a tour of the campus, an explanation of the registration process and an introduction to someone who doesn't yet exist at NDSU-the foreign student advisor. This additional position might not even cost the administration a cent. If foreign student-community-school facilities and relations are as poor on the other two area campuses as here, there might be enough foreign students to warrant requesting one advisor to handle the three campuses; at no cost to any of the institutions. Again, the Immigration Bureau will furnish both a qualified man

and his salary, While the students interviewed found the student body amiable and helpful, they regretted that they had no chance to learn of community life off the campus. They definitely felt there should be some contact between foreign students and the community. And, if there is no foreign student advisor, it is the job of the deans of men and women. Church and service groups would be willing to help if only someone on this end would take the trouble to ask.

Probably the best way to familiarize foreign students with American life is to arrange for them a period of from three days to two weeks with a family, in that family's home. During holidays community families would willingly invite a foreign student to their homes for dinner. Many of the students do not go home during holidays, and the campus is closed down. But the initiating function rests on NDSU; preferably through some sort of foreign student orientation program.



Letter to Editor Student Compares Minard Hall Noises To Fargo Foundry

In my short lifetime I have pl been in many noisy places. I iet have worked at a location on the corner of two major highways with the NP railroad fifty feet away; I have been through the Fargo Foundry and I have vis-

plant. Yet, I can say that a noisier place than Minard Hall does not exist.

The students are now immune to the jet blasts and sonic booms so it seems that other devices have been invented to insure the impossibility of a student hearing a lecture without the greatest possible distraction.

The coal loading device goes on BANG-BANG-BANGING for hours on end. As soon as all the coal is moved, a bull-dozer starts up, as if by deliberate plan and continues to disturb the sound waves until the class is over. The frustrated student (and, indeed, the frustrated instructor) moves over to the east side of Minard to get away from the west side noises.

You can then be sure that the grounds crew has been alerted to the switch. Exactly five minutes after the class bell has rung, they begin mowing the lawn on the east side of Minard in their muffler-lacking power mowers.

If by some miracle all the coal has been moved and all the grass has been mowed, the Division of Supervised Study proceeds to drag the mail sacks down the stairs. This is truly a sound to remember. Upper classmen get a great charge out of new freshmen when they first hear this roaring, rumbling sound. I actually saw one freshman take out his transistor radio and turn it to 640 or 1240; he thought we were under attack.

If by some error a class is being conducted without interference, the janitors can be counted on to begin cleaning the classroom next door. They have learned (or been taught at janitor school) to shuffle, bang, and slam chairs and tables to make up for any vacuum in noise which may exist.

Seriously, the situation at Minard is contrary to all principles of good education as far as disturbances are concerned.

The situation of outside noise is complicated by the fact that most windows in Minard are open. Why don't we close them? We have to leave them open. You see even when it's warm outside, the heat registers in Minard are going full blast. Jim Olson

Art Exhibit Denies Artistic Education

Press releases concerning the 52 paintings currently exhibited in the Union indicate they will be hung in an addition to be built on the Union. A matter so University wide and so permanent as this proposal is of such a character and seriousness as to require greater thought and judgment than present publicity reveals was expended.

Aside from the appalling thought of hanging 52 works of any one artist permanently in one room or wing, there is the additional, in e v i t a b l e consequence of such a proposal which is also a matter of concern.

For one thing it opens up the possibility of similar such gifts (though mitigated so m e w h a t from not having the space left in which to hang them). More significantly, it inhibits future decisions in regard to art exhibitions by permenently incapacitating what I take will be the University's only exhibition area. experience is denied the student body. If these paintings are contracted to hang in its only exhibition area even before it is built, the students are permanently denied the opportunity of artistic education through experiencing the kind of art work which elicits a response, asks questions, challenges one's curiosity.

However independent of University policy the Union at tempts to function, it cannot escape participating in the creation of the total picture which NDSU leaves in the minds of visitors, students and prospective students.

The Union is a part of the University's intellectual and cultural status. A matter as public as exhibited are deserves, I think, to be reconsidered in a broader context than appears to have been done. Perhaps the question of formulating University policy or machinery for future contingencies needs to be considered.

Letter to Editor Student Gives Support To Editor Of Yearbook

"To this date, I've only heard four good comments about the Bison Annual," said Jan Quam, 1962 editor. "People have been approaching me from all sides with complaints."

Students, was the year book really that bad? Personally, I didn't think so.

One person said, "The layout is lousy. The names and pictures are separated so far that it is impossible to correlate the two.

who wishes may submit an application for an editor's job. It is reviewed by the board of publications and they interview the applicants and decide on editorships.

Anyone wishing a job on a publication on this campus is welcome to apply and the editor will give you work of some type.

If you are dissatisfied with the 1962 Bison why don't you volunteer for the staff for 1963. Help the editor, Cynthia Sether, produce an annual which meets your standards.

I felt that the pictures were arranged very pleasingly on the pages and didn't have any trouble at all correlating captions with photos.

The Bison is a business operation. Arrangement of pictures is sometimes dependent on the space available.

The 1962 Bison is more compact. A different weight paper was used so it is smaller and lighter this year.

True, many students didn't get there pictures in, pictures were labeled incorrectly and names mispelled. This will be a goal for the 1963 annual staff to work on.

Jan Quam, editor, isn't responsible for all the errors. One person can't possibly oversee everything. A smoother and more accurate communications is evidently needed between editor, photographer, class editor, index editor, publisher and proofreader.

Anyone who has worked on a publication at NDSU knows it is strictly non-political. Anyone Bonnie Lillegard

Letter To Editor Union Finances Questioned

Isn't the Student Union financed primarily by the students of NDSU? If so, why are we so vaguely informed about anything that is to be done in or about the premises?

What kind of a bond issue is being planned for its expansion? I think the students should be more informed about this expansion before construction takes place, not afterwards.

How big an increase in our activity fees will this result in? Let us hear a little more about the expansion of NDSU's Memorial Union. The students have the right to know.

Ellsworth Severson

At Montana State University, some thirty American students voluntarily stayed on campus last year during the Christmas holidays to entertain the foreign students. This extension of concern was probably due to the coordinating efforts of a foreign student's advisor or program.

If NDSU is going to remain a possible choice for foreign students planning to attend college in this country, plans for an agency to aid foreign students in both their social and academic adjustment are a necessity. And a responsibility. David Nesvold NDSU has at present no exhibition area. As a result, at least one aspect of University

Richard Lyons Assistant professor of English

The Spectrum

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|-------------------|------------------|
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Page 3

By JOE SCHNEIDER

With the final issue of the 1 Spectrum put to bed, the school term draws to an appreciated close and with it goes all the fond memories which have accumulated during the year.

Could you ever forget:

The Rahjah "Brawl" after "U" Series, or the Tau's fall term party with their German theme?

How about the Sigs going to California to crown Connie Stevens their honorary sweetheart and the SAE's annual weeping for dear old Paddy Murphy?

The arrival of the new Sigma Nu jackets on campus will always be remembered as the real start of their chapter.

Ah yes, the past year has seen some fine parties and it is appropriate to mention that not a single fraternity is on social probation. That is quite a feat!

The year has witnessed a growing concern over the problem of liquor among minors and North Dakota has begun enforcing their 21 year od smoking law. One can never predict what is in store for next year, but what ever it is, chances are it will prove very interesting.

To wrap up this year's social news, Brenda Cruz passed the candle at the Gamma Phi house announcing her engagement to Jerry Eide from Concordia.

The Kappa's and Theta's will stage their spring term party Friday night at the FM Hotel in Moorhead.

The Kappa's serenaded the Gamma Phi's last Monday. If this sort of thing keeps up, the next thing you know the Tau's will be serenading the SAE's.

Between blowing out candles and accepting roses, the KD's still found time to smile at the SAE's and Theta Chi's when they serenaded them last Monday. Darlene Singer received a pin from Bob Stam, TKE and Barbara Limke received a diamond from Arnie Buhr, Theta

DR. L. A. MARQUISEE Optometrist Eyes Examined—Contact Lenses **Glasses Fitted** 57 Broadway AD 5-7445 'Often Imitated' Never duplicated" HOUSE OF PIZZA 310 Center Avenue Moorhead 1962 European Tour With Kathryn Weesner Leave June 28th -

Return August 22nd

As Low As \$1,060.40

Chi. Jan Workman, SAE Sweetheart, received roses from them on Monday.

Congratulations are in order to Sonja Nelson in recognition of the honor bestowed on her by the Kappa Psi's at their Sweetheart Ball last weekend.

Before I fade out into the advertisements, I would like to ask you to think up an appropraite title for this column by next quarter. It seems to be the concensus of opinion that the present title does not fit the contents.

Classified Ads

Completey furnished apartment to sublease for June, July and August, for two girls or couple. References required. Dial AD 2-0113.

FOR RENT: Entire second floor, two bedrooms, electric stove and refrigerator and colonial furniture. Available June 1. Dial AD 2-1103.

IDEAL for lake or town. 1957 Travelo mobile home. 8'x45' two bedroom. Furnished. Excellent condition. Dilworth Trailer Park. Call Stewart Perry at AT 7-2065.

WANTED: Well known company needs three college men. Earnings from \$300-\$500 a month. Call Leon, AD 5-0335.

SU Students Place In Speech Contest

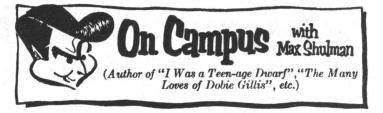
Wayne Hamann, ME sr, and Thomas Larson, ME jr, won second and fourth places in the technical speech contest sponsored by the American Society of Mechanical Engineers.

The contest was held at the America Society of Mechanical Engineers Convention held in Grand Forks last weekend.

Eight students from the University of Minnesota, North Dakota State University, South Da-

kota State College, Iowa State University and the University of North Dakota presented papers in the competition. Four faculty members and five students from the five participating institutions served as judges.

Other NDSU students who attended the convention are: Richard Fockler, Raymond Jutila and Dr. Edwin Wetterstrom, faculty advisor.



TILL WE MEET AGAIN

This is the final column of my eighth year of writing for the makers of Marlboro Cigarettes, and this year, as in every preceding year, when I come to the last column of the season, I come to a problem.

My contract with the makers of Marlboro calls for me to write a humor column and, truly, I do the best I can-all things considered, I am not, I should explain, a jolly man by nature. Why should I be? First of all, I am shorter than everybody. Second, there are moths in my cashmere jacket. Third, I work in television.

All the same, when it comes time to write this column, I light a good Marlboro Cigarette, put aside my trauma, and try with all the strength in my tiny body to make some jokes. Sometimes it works better than others, but on the last column of the year, it just flatly doesn't work at all.

Even in the very beginning this was true-and that, you will recall, was eight years ago when I was relatively young and strong and had not yet developed that nasty knock in my transmission. Well do I remember sitting down to write the final column of my first year. Day followed barren day, and not a yock, not a boff, not a zinger did I produce. I was about to give up humor and take a job selling mechanical dogs when all of a sudden, in a blinding flash, I realized why I couldn't think of any jokes!

I leapt up from my typewriter and ran as fast as my little fat legs would carry me to the makers of Marlboro Cigarettes, and I tugged my forelock, and I said, "Sirs, I am well aware that you have engaged me to write a humor column, but today, as I approach the final column of the season, I am far too misty to be funny, for the final column of the season is, after all, a leave-taking, and when I think of saying goodbye to my audience -the swellest audience any columnist ever had-the college students of America-wonderful human beings, every man and



woman of them-wise but kindly-astute but compassionateperspicacious but forbearing-when, sirs, I think of saying goodbye to such an audience, I am too shook up even to consider levity, and so I ask you, sirs, to let me, in the final column of the year, forego humor and instead write a simple, dignified, straightforward farewell."

Then I took out my bandanna, wiped my eyes, ears, nose, and throat and waited for a reply from the makers of Marlboro.

They sat around the polished board room table, the makers, their handsome brows knit in concentration, puffing thoughtfully on the Marlboros in their tattooed hands. At length they spoke. "Yes," they said simply.

I never doubted they would say yes. People who make a cigarette as good as Marlboro must themselves be good. People who lavish such care on blending tobaccos so mild and flavorful, on devising a filter so clean and white, on boxing a flip-top box so flip-top, on packing a soft pack so soft-people like that are one hundred percent with me!

And so from that day forward, the final column of the year -including the one you are, I devoutly hope, now readingmakes no attempt to be funny, but is instead a simple thank you and au revoir.

Thank you and au revoir, makers of Marlboro. The memory of our eight years together will remain ever fresh in my heart, and I would like to state for all the world to hear that if you want me back again next year, I shall expect a substantial raise in salary.



GRADUATES...

We Have A Handsome Selection of Graduate Cards, Gifts and Mementos.

Have A Nice Summer and THANK YOU For Your Patronge.

See you next fall



CONGRATULATIONS



Thank you and au revoir, college students of America. May good luck attend all your ventures. Stay well. Stay happy. Stay loose. © 1962 Max Shulman

Small Max has said it all. We, the makers of Marlboro Cigarettes, can only add a heartfelt second chorus: Stay well. Stay happy. Stay loose.



ORGANIZATIONS

Orchesis

Murtha Bateman was elected president of Orchesis at the final meeting of the modern dance club. Other officers are: Bobbi Nelson, vice president; Karol Sue Gaggstetter, secretary; Kari Wigton, treasurer; Sandy Flom, historian.

Out-going president Sandra Judd, announced to the group that if enough of the Orchesis members are in Fargo this summer, Orchesis meetings will not terminate but continue through the summer months.

The summer dancers hope to perform at nearby lake resorts throughout the summer season.



SAE president at the SAE house is Russ Maring, Ec jr. Other officers include Tom Erickson, vice president; Ron Bader, recorder; Gary Johnson, chronicler; Durwood Peterson,

chaplain; Jim Jenkins, herald; Jim Olson, rush chairman and David Sack, social chairman.

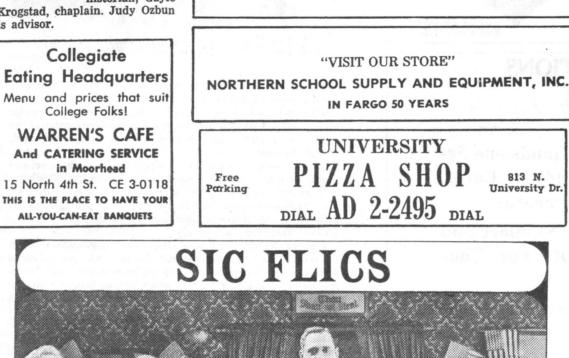
Kappa Epsilon

elected president of Kappa Epsilon, national pharmacy professional sorority.



Other officers are Ruth Ann Peterson, vicepresident; Kathleen Thomas, secretary; Mar-lene Caplan, treasurer; Lana Dykstra, reporter; Pat Sloan, historian; Gayle

Krogstad, chaplain. Judy Ozbun is advisor.



Marlette Anderson, HE soph, was elected president of Tryota, profesional home economics organization.

Other officers are: Susan Hofstrand, vice president; Carole Stendahl, secretary and Beverly Tveito, treasurer. Tryota is spon-

soring a Betty Lamp Student Award to be pre-

sented to four outstanding home economics students from each class. The purpose of this award is to give recognition to an outstanding freshman, sophomore, junior and senior enrolled in the College of Home Economics who express a genuine interest in the home economics profession.

AS of CE Kenneth Geisen was recently elected president of the Ameri-

> for 1962-63. **Other officers** include David Scherling, vice president; David Hills, secretary; Robert Peterson, treasurer and Willis Botnen, Engineers Council representative.

6:30 A.M. to 8 P.M.

Perkins, Pancake House

209 Broadway - Fargo

"Everybodys Favorite"

18 Varieties

7 Days a Week

Eta Kappa Nu

Eta Kappa Nu, electrical engineering honorary society, has elected Charles Forslund as its president. Other officers are Lowell

Christiansen, vice president; Robert Streich, corresponding secretary; Ronald Larsen, bridge correspondant; Charles Wilcox, recording secretary and Larry Schulze, treasurer.

All are juniors in electrical engineering.

Newmanite Elected Province Officer

gram.

IC

James Hatlelid, Pharm jr, was elected Minnkota Province treasurer at the province convention of the National Newman Club Federation recently at Sioux Falls, S. D.

NDSU Newman Club was selected to handle public relations for the province and to serve as coordinator for Minnkota Provnce to the national NCF convention to be held in Pittsburgh the last part of August.

Steve Nelson and James Hatlelid were official delegates from NDSU. Father William Durkin, Minnkota Province Chaplain, headed the delegation. Others attending were:

Barbara Nelson, Barbara Flohr, Lola Hopkins, Dennis Springer, Mary Breitbach, Russell Alme, Jame Belzer, Ed Novacek, Bernadette Morin, Donna Staudingr and Phyllis Weyrauch.

THE SOUND OF MUSIC, a

Rodgers and Hammerstein pro-

duction will appear at the NDSU

Fieldhouse next school year un-

der the auspices of Little Coun-

try Theatre and Lyceum pro-

and successful stage shows of

our time, THE SOUND OF MUS-

One of the most delightful

was opened to universal

Sound Of Music

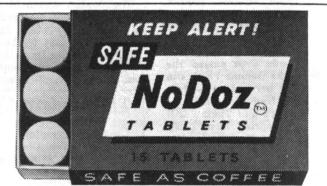
Professor G. B. Harrison, of the University of Michigan, delivered the keynote address, "As Others See Us". The theme of the convention dealt with **Catholic-Protestant relations and** the future of the Ecumenical Movement.

To Come To NDSU acclaim on Broadway on No-vember 19, 1959. It is still running strong in its third fabulous season. It will play at the NDSU Fieldhouse Dec. 19.

THE SOUND OF MUSIC has music by Rodgers, lyrics by Hammerstein and a book by Howard Lindsay and Russel Crouse. The saga of the singing Trapp family has been sailing along at a capacity at the Lunt-Fontanne ever since its opening. It has now passed CAROU-SEL and is edging up on THE KING AND I - proving itself to be one of R & H's most enduring and endearing works.

THE SOUND OF MUSIC I available for the first time to Fargo-Moorhead through a special motorized production pre pared by Henry Guettel through arrangement with Rodger and Hammerstein, Leland Hayward, and Richard Halliday. This is the first time, since SOUTH PACIFIC, that R & H musical has been made available for short time bookings.

Inquiries regarding tickets should be addressed to the Little Country Theatre, NDSU.



THE SAFE WAY to stay alert without harmful stimulants

NoDoz keeps you mentally alert with the same safe refresher found in coffee and tea. Yet NoDoz is faster, handier, more reliable. Absolutely not habit-forming.

Next time monotony makes you feel drowsy while driving, working or studying, do as millions do . . . perk up with safe, effective NoDoz tablets. Another fine product of Grove Laboratories.



can Society of Civil Engineers warden; Ron Hall,

Mildred Iverson was recently



Gifts That Spell Success ... these Rexbilt extra-fine leather cases for an extra-special man. Top grain cowhide in handsome colors of suntan or teak. Attache Case 29.95* Brief Bag - Stay-open frame. 16-inch, 17.95* 18-inch, 19.95* Envelope Brief Case - Disappearing handles, divided interior. 14-inch, 12.95* 16-inch, 13.95* 17-inch, 14.95* *plus tax



RGO, NORTH DAKOTA

THE SPECTRUM

Scott Anderson Discusses Food For Peace Program At Luncheon

"Surpluses can be an instrument of peace," said Scott Anderson, director of the Food for Peace Program of North Dakota, at the noon luncheon May 10.

Anderson said the program is devised to bridge the gap between the United States' surplus of food and the countries that now have a shortage of food. He said the food surplus in the United States is a burden to the economy. Storage of surplus grain now amounts to over \$1,000,000 a day.

Anderson said the United States has the greatest agriculture potential in the world. At the present one farmer in the United States can feed 25 other people. One Russian farmer can feed six to seven other people. One farmer in an underdeveloped country can only feed one and one half people besides himself.

Famines and malnutrition affect children the worst. Anderson said that 30-50% of the children born in underdeveloped countries die before they are four years old. He said if they do survive, they will be physcially and mentally retarded.

Anderson said if the United States distributes all its surpluses to all the needy countries, it would last only four months. There is no surplus in the world today, only in the United States.

Four plans are offered in the Food for Peace Program. The first plan is designed to sell the surplus food to countries for their own currency. The United States will then invest 80% of the profit in the country that has made a purchase. The United States guarantees that not over 20% of the profits will be spent for military bases in that country.

The second program is called the famine relief program. Food will be sent free to countries with starving populations. But in order for the people to get the food, they must work in their country and try to build up their economy. Part of their wages will be paid in food received from the Food for Peace Program.

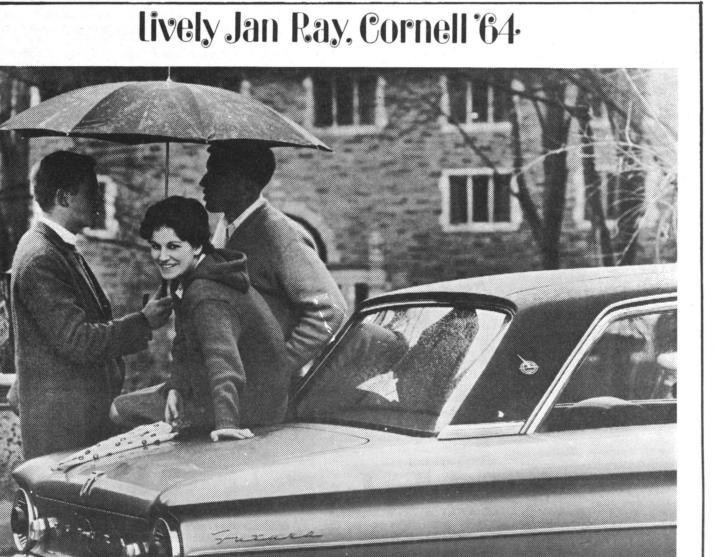
The third program deals with voluntary agencies. Food from the government will be given to private agencies and they will be responsible for the distribution. Groups such as Catholic, Protestant and Jewish religious groups are the main organizations in this program.

The fourth plan directly sells the food to countries for United States currency. Long term loans are available which will make it easier for a country to pay back the debt.

Anderson is also North Dakotas' Democratic nominee for U.S. Congress. He served in the North Dakota 1961 Legislature as a state representative.

NOTICE

Graduate veterans sign up for veteran's checks on May 18. Undergraduates sign up on May 25 at the Admissions office.





FIVE CO-EDS have been named NDSU cheerleaders. They are: 1st row, Denice Gibb and Caren Monson; 2nd row, Marlys Dietrich, Barbara Daley and Judy Highness. The Rahjah Club and Athletic Commission selected these co-eds from 25 candidates last week.

Fargo AAUWHonors SU Senior Women

Senior women of NDSU were guests of honor at a recent meeting of the Fargo branch of American Association of University Women. About fifty NDSU students attended the meeting and heard the speaker, Mr. John Parrish, director of the Veterans Administration Center in Fargo, say "Erosion takes place if we don't continue to educate our minds."

Speaking on "Mass Media in Adult Education" Mr. Parrish said that our biggest problem is gullibility. "All of us as adults battle constantly for and against fact and authority, gullibility and acceptance."

He went on to say that we are the best educated people, not as good as 6000 years of recorded history could have made us, and not as bad as TV labels

The AAUW is a national organization of women college graduates, celebrating its 80th birthday this year. Its program is devoted to education, wider opportunities for women, international understanding and cooperation, application of the training and abilities of college women to the complex problems of modern life.

There are 13 branches in North Dakota and women graduates are invited to become members of the organization.



Page 5

This green-eyed Lively One is a Classics Major from Cranford. New Jersey

lives it up with this lively One from ford '62: the New Falcon Sports Futura!

Lively Jan Ray is moved by the music of Mozart and the liveliness of the new Falcon Sports Futura. This snappy compact sports foam-rubber bucket seats, handy personal console, and a stylish new roofline to please any Thunderbird-watcher (vinyl covered, if you like). The spunky Futura has an optional 4-speed stick shift for the anti-automation crowd, and the gas needle stays on "full" as if it's been welded there. See all the Lively Ones at your Ford Dealer's —the liveliest place in town!





THE SPECTRUM

Groups Elect

Edwin Booth

Jerry Exner, AAS soph, was recently elected president of the Edwin Booth Dramatic Society. Other officers are: Dave Herstad, vice president; and Ann Bertelson, secretary-treasurer.

Newman Club

Dennis Schaan, AAS soph, was elected president of the Newman Club. Other officers are James Hatelid, Pharm jr, vice president; Janet

Walsh, AAS soph, secretary; Barbara Nelson, AAS soph, treasurer. NDSU Newman

Club is federated with the National Newman Club Federation. Its purpose is to fulfill

the educational, religious, cultural and social needs of Catholic students on secular campuses.

Engineer's Council

The newly elected president of the Engineer's Council is Richard Fockler, ME jr. The Engineer's Council is a

coordinating organization consisting of the president and a representative of each of the eleven engine ering organizations on campus. Other officers

are Arlen Brunds-

dent taking courses in the College of Agriculture to govern himself with respect to elimin ation of cheating during tests and examinations. Both giving and receiving of information during tests are violations of the Honor System.

tem. Of these 18 cases, the Co

mission found 13 individuals

guilty of cheating, four not

guilty and one case is pending

the ability of the individual stu

The Honor System recognizes

The students of the College of Agriculture established the Honor System in the Fall of 1955.

"FOOD FOR THE NATIONS" by Ralph W. Smith is one of his collection of 52 paintings that he has donated to hang in the future Student Union addition. The collection is entitled "America the Beautiful."

Continued From Page |

Library Hours, Student Jobs, Annuals,

Helgoe stated that, "We have no recourse but to send them a formal protest." He said that there is no record of students who have paid for pictures. MONDAY NIGHT DANCES

Bill Thompson gave a report concerning the switching of the present Monday night dances to the weekend. He stated, "Senate does not have the authority to cut out the dances." The reason given was because the Student Union Activities Board is in charge of them, and not the Senate.

Bob Norum, who sat in on a SUAB meeting, said that they feel the dances should continue. However, they are willing w cooperate with the Senate concerning the suitcase student problem. They said that they would look into the possibility of staging a weekend dance and more movies.

The Senate was somewhat irriated by the report because members did not approve of SUAB telling them that they have no authority to control dances.

Ray Hendrickson said, "Whose authority are they under, if not the Senate's?" The Senate discussed the problem with some members in favor of asserting their authority over SUAB, and others in favor of accepting Thompson's report stating they were not in a position to tell SUAB what to do.

Gary Reddig said, "I think we are worried about nothing. I am sure that they will cooperate with us." Reddig felt that Senate was wasting time trying to force an issue which hasn't even arisen yet.

Although a motion was made to drop the previous motion, the Senate voted 9 to 7 in favor of keeping the discussion on the table.

Bill Findley rose and said worry about a problem which will not take place for at least three years.

Reddig's motion was defeated. HOMECOMING PROBLEMS

Darryl Eastvold, a senator with a one year leave of absence, returned to Senate last night to present several proposals concerning next year's homecoming parade. Eastvold, who will be parade marshall, stated that his main objective is to get more bands to appear in the parade. He proposed that Senate allot him \$75 more than the original homecoming costs to cover the expense of buying three large trophies. These trophies would be awarded to the best three bands who appear in the parade. This will be addition to a free meal at the Saddle and Sirloin Barbeque and free game tickets which will be for all band members.

Ray Hendrickson questioned the cost of 75 cents used to feed the bands. He inquired if it could be done cheaper at some other place. Eastvold pointed out that they were getting a discount on the meal now, and he also said that other schools, such as Concordia, pay \$50 to every band which appears in their parade. All we do is supply a meal and a football ticket.

The motion was passed stating that the extra money would be alloted to him to purchase trophies and feeding will be the same as last year.

KDSC RADIO

Russ Maring, Radio Commissioner, told Senate that KDSC, the campus radio station, will build satellites in the dorms next year to increase their reception in those buildings He stated that a survey they took showed that students listened to KDSC for (1) news, (2) service (3) and entertainment. The two major complaints were that they could not pick up the station and that KDSC did not play rock and roll records. Maring said that the new satellities will solve the pickup problem and that rock and roll records can not be played because of the high cost of purchasing records.

maintenance personnal on campus hire all the students they can through the placement office. It should include hiring of students for car parking at games."

This was the proposal put to Senate by Don Holloway.

Jim Olson restated a report which he had given two weeks ago concerning the hiring of students for parking cars. The maintenance people felt that the students were not dependable enough to work for them, and that it takes time to train new men to learn the terms of parking cars.

Holloway said, "I don't think we should be satisfied with this silly report saving that students are to dumb to park cars."

No action was taken by the Senate saying that they recommend students be hired. LIBRARY HOURS

Once again Ray Hendrickson arose to present a problem to the Senate. He said that he felt the library should be left open during convocations as long as the union s left open. Some Senators felt that if they elect to leave the library open, no books should be checked out, thus, Dean Stallings can not use the problem of employment as an excuse to close the library. The motion was passed stating that the Senate will recommend to Stallings that the library be left open although no books may be checked out during the convocations.

DO AWAY WITH ANNUALS

Dave Milbrath said to the Senate that he doesn't think the students should have to buy an annual if they don't want one. He feels that by not making the annuals compulsory, the student activities fee would be lower.

Roger Helgoe said, "It seems

Monday Night Dances Questioned By Senate about it this year anyway. It rather pointless to worry about

Christiansen, treasurer.

it now because the bids have been released for next year already." 'Their decision would not affect next year's annual in the least, Helgoe pointed out.

vold, vice president; Emmett

Omar, secretary and Lowell

The talk which resumed despite Helgoe's point found the senators with mixed feelings. The majority felt that the annual should be on a voluntary basis, but they were afraid the students who would not sign up for it at the beginning of the year would want one when school drew to a close.

Jim Olson said, "I wish we could tape this conversation so you senators could play it back when you run for re-election. You are calling the students stupid and incapable of making up their own minds." Olson went on to say that he agreed with Milbrath's proposal.

Several senators took offense to Olson's saying they called students stupid.

Jim Trangsrud stated that if the annual is going to be made voluntary, why not put the Spectrum and going to games on the same basis.

Milbrath said he was just concerned with the annual.

Bob Norum arose and requested that the motion be tabled because of the fact that Senate can not do anything

Annuals

NOTICE

Students may pick up their annuals in the Union Director's office.

International Relations Club

The International Relations Club of NDSU, in support of the Fargo-Moorhead chapter of the American Association for was passed. LIQUOR ON CAMPUS In regard to the stunt by Blue

Key and Senior Staff, Holloway moved that "We erect a bar on campus."

Holloway made the motion be cause he thought as long as organizations such as Blue and Senior Staff can break an empty champagne bottles against the flag pole, why not just erect a bar.

Bassin took the stand for the defense of Blue Key Fraternity and said that they were in wrong, but they were just let ting off steam from a hard and successful year of work for the school. Several other members of the Senate voiced their opin ion on Blue Key's actions, hy saying how foolish it was.

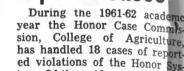
The proposal was defeated.

Jim Olson requested that the last motion be struck from the minutes. The Senate voted and it was passed.

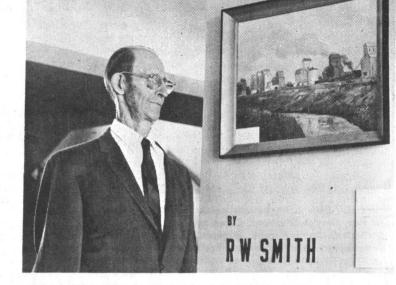
Phil Hetland said, "There I inconsistency concerning alcoho on campus." Either our law should be changed to read that 18 year olds can drink or else college students should be al-lowed to drink." We are not consistent in our policy and this has to be worked out, said Hetland.

the United Nations, strongly re commends that students attend the public AAUN meeting to be held at 8 p.m., Wednesday, Ma 23 at Temple Beth El. TR speakers for the occassion a Dr. William C. Rogers of Min neapolis, Director of the Minne sota World Affairs Center, and York Langton of Minneapolis national director of the

Honor System Reports Cases



at this time.



"Senate does not have the power to demand anything, we can just recommend something." This brought out more outburst from the senators who were in favor of exerting the Senate's power._ Bassin brought the discussion to a close by saying he will discuss the issue with the President.

At this time Phil Hetland, Senate Advisor, said, "You are the most important people here, and if anyone has the right to assert themselves you do. You didn't get elected to just sit here did you?" asked Hetland.

FRESHMAN, NO CARS

Gary Reddig suggested that the Senate bar freshman from having cars on the campus. In his proposal, Reddig stated that in the next three to seven years all the present parking lots will be gone due to new buildings erected on those sites. When this happens, parking spaces will be hard to find.

Jim Trangsrud suggested that if freshman's cars are to banned, why not ban all cars.

Russ Maring said that he did not see why the Senate should

Ray Hendrickson said, "What is the use of Radio, what have they got to offer". I thing they should have educational programs.

In an answer to Hendrickson, Maring said that KDSC is doing much the same as down town radio stations.

Dave Milbrath stated, "I sit in class eight hours a day and I don't want to come home to listen to more educational stuff over the radio."

Hendrickson stuck to his original statement and went on to say that he felt the station should get together with the other two colleges in the area and combine some of their programs.

STUDENT JOBS ON CAMPUS

"I move that we recommend to the proper authorities that the

Placement Office

Job Interviews

ATTENTION ALL JUNIORS: One of the responsibilities assumed by the University Placement Office is to assist senior students to locate suitable employment opportunities following graduation. All students intending to participate in campus interviewing next year should begin preparing credential files with Placement now. Interviewing will begin early in October next fall and students should make preparations by contacting Placement located on the second floor of the Student Memorial Union Building. Take care of this before you leave for summer recess

INTERNATIONAL MINER-ALS & CHEMICAL CORPORA-TION of Skokie, Ill., will in the near future employ a number of University graduates as production trainees. These graduates will receive a two year training program in fertilizer plant operation and management. All interested graduates should contact Placement immediately.

The American Republic Insurance Company is seeking to employ students interested in summer sales work. A representative will be on campus May 29. Applicant must be at least 21 years of age. For further information contact Placement.

U. S. INDUSTRIES is interested in employing undergraduates for the summer. A representative from that firm will be on campus Friday afternoon, May 18 to interview students interested. Interviews will be conducted in Conference Room "1" in the Union from 1 to 5 p.m. Students need not contact Placement before interviewing.

AAUN.

Gamma Delta

Gamma Delta will have chicken barbecue Sunday at p.m. A meeting will follow 2001 8 St. N.

Edwin Booth Society

The Edwin Booth Society P. nic will be held Saturday, Ma 19, at 6:30 p.m. in Lindenwood Park. All students who hav participated in LCT plays ar invited. Those who plan to a tend must sign up at the Little Country Theater today.

LSA

Friday, 6:30 p.m. - Miniature Golf. For rides meet at th center. Cost is 25c.

Sunday, 9:30 a.m. — Choi practice. 10:15 a.m. — Coffe and rolls. 10:45 a.m. - Worship Service. Open House after LS. mencement. 5:00 p.m. – LS picnic with senior high str dents at Oak Grove. Meet at the center for rides.

Noon meals will be served on ly Monday and Tuesday of next week.

The center will be open a week and through the summe Summer actvities will be posted

THE SPECTRUM

NDSU Celebrates Centennial

School year 1961-62 marked the Land-Grant Centennial which was celebrated across the nation on all land-grant campuses. NDSU has observed the centennial in some way during all the campus events this year, including Homecoming, Little International, Shariyar, a special Morrill birthday Convocation and this weekend's Commencement.

While a look at pictures of NDSU in the beginning may make you laugh at the old-style dress, the historical record reflects the growth of the institution during the past 70 years that students first began studying on this campus.

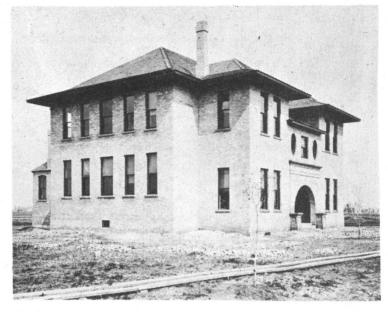
Horace Stockbridge, the first president, called together the first classes in a rented set of rooms downtown in the Fargo College. The new land-grant institution borrowed the basement and three rooms on the main floor as its first home.

A wheat field north of the town was to be the site of its permanent location. By January, 1892, there was a main building, a heating plant, greenhouse and a farm, including a house and barns.

The main building (Old Main) was called College Hall and provided space for all of the academic activities. The tower room was the president's office and the library was in what is now the Business Office. A botany-zoology laboratory was also on the first floor with the uncompleted upper floor used as a student-faculty gymnasium.



FIRST ENTRANCE TO THE CAMPUS as viewed in this picture. Old Main is in the background.



THIS IS A PICTURE of the mechanical laboratory as it looked in 1894. It is presently a part of the South Engineering building.



TENNIS WAS A GREAT PASTTIME in the early days of NDSU recreation. The pictures show tennis courts on the east side of Old Main.



THESE EARLY CO-EDS at NDSU are busy sewing in the Home Economics Laboratory.



THE "GAY CAT" DAY PARADE was the forerunner for NDSU homecoming parade.

First Classes Held

NDSU started its first regular classes in the fall of 1891. One woman was enrolled with four other students. She was Jessamine Slaughter, then 16, from Bismarck.

The first degree at NDSU was awarded in 1895. In the 67 years,



Page 7

since the granting of that first degree the courses studied have increased and the number of students at NDSU has grown to more than 35 hundred.

From one in 1899, 88 students are receiving their master's degrees at NDSU in 1962. NDSU can be proud of its growth in number of students and scope of instructions during this centennial year.



THE FIRST STUDENT BODY. First boys to register were Robert B. Reed, Amenia, N. D.; Robert Basard, Grand Forks, N. D.; first girl to register, Jessamine S. Slaughter, Bismarck, N. D.

FIRST FOOTBALL TEAM as they appeared in 1893. Note the large football and absence of shoulder pads.

Page 8

Friday, May 18, 1962



NDSU bridge players, Dennis Johnson and Dick Simson display the trophy they won in the Regional Intercollegiate Bridge Tournament. The tournament was conducted through the mail with each college playing the same hands.

Lost Articles May Be Found In Buildings About Campus

Have you lost anything lately? If you have, you might try checking around in the campus buildings which you frequent. For example, if you lost something in Minard Hall, you might stop in Mrs. Delores Horn's office. Mrs. Horn is secretary to the dean of AAS. Her office is in Minard 221 and she has a desk drawer reserved especially for lost items.

Morrill Hall has a different set up. They operate on the "honor system." Most lost items such as books, gloves, keys, etc. are either put on the bulletin board, which is on the south wall just inside the front entrance, or they are laid on the show cases in the halls where searching students might easily see and reclaim them. In the Student Union, nearly all lost items are turned in to the assistant director's office on main floor.

Students who lose articles in the home economic's building can usually reclaim them in the janitor's room located in the basement.

The janitors in Sudro Hall turn the lost articles found in that building in to Mrs. Gretel Garrison, secretary to the dean of pharmacy. Her office is in Sudro 127.

Those students who lose articles in the chemistry building should check with the janitors or with Mrs. Dorothy Penuel, secretary to the dean of chemical technology, whose office is

GET IN THE

SWING ...

in Ladd 203.

Students who lose items in Dolve Hall and South Engineering may check with the janitors, who in most cases are the discoverers of the lost items. More valuable items such as wallets are turned in to Dean Peder Nystuen's office in Mor-

rill 106. "We always have an abundance of right hand gloves," said H. Dean Stallings, librarian, as he observed the collection of lost items kept at the circulation desk on second floor of the library. All articles lost in the library are either put on the bulletin board on main floor or turned in to the circulation desk.

Language, Politics, Religion Cause Most Controversy

"English As She Are Spoke" was the topic at the UCCF Coffee Hour, Wednesday May 9, in the Student Union. Paul G. Schlueter, Moorhead State College English instructor, was the speaker.

Schlueter said, "Language, along with politics and religion, causes most of the controversy among people today."

He explained that there is conflict today between those who say there is one correct way to speak and those who hold there is no absolute authority on speaking.

In the 18th century, Samuel Johnson wrote an English dictionary. Schlueter stated that at first, Johnson saw the dictionary as fixing the Engish language in a pure form. Later Johnson found that language can't be rigidly controlled. He realized that a dictionary is not infallible. In writing the dictionary, Johnson saw that uniformity in language must be sacrificed to the customs of the people speaking the language.

Schlueter said that local pronunciation and usage, not the authorities, determine language form.

Language has been constantly changing throughout history. Schlueter stated that a dictionary should be thought of as a record, not a dictator, of the language forms in use.

Schlueter said that the individual's standard for correct English should be that pattern spoken by the educated people of the local area.

The English used should be acceptable, effective communication. There is no absolute pure language because the language of the day is governed by the standards of that time, according to Schlueter. Schlueter explained that English was modeled after Latin because of Latin's prestige. Many of Latin's rules were unfit and made English clumsy. But because of tradition and long usage, many Latin rules were kept.

Some of the rules have discontinued over the years. For example the double negative used by Shakespeare and Chaucer is now considered incorrect. English is a flexible language. Word spellings are quite well fixed and standardized. Schlueter stated that because English is irregular and unpredictable in form, it is difficult for people learning it as a second language.

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JEWELRY — MAIN FLOOR

abinations by Harold

THE SPECTRUM

NDSU Conducts eacher Research

Do differences in the way teachers talk affect how well pupils understand them? Can pupils understand material read them by different teachers as well as they can understand standardized readings on tape or film?

These questions are explored in a research project recently completed at North Dakota State University, under a grant from the Cooperative Research Program of the U.S. Office of Education.

The findings suggest that schools with large classes, taught entirely by lectures, might do well to film the lectures or use videotape for a television presentation.

Pupils appeared to understand new material as well, perhaps even better, from a standard filmed lecture as they did from live lectures by several different teachers in separate classes

About 4,000 pupils in the Fargo public schools, grades four through twelve, were assigned on a random basis to take listening tests under four different conditions: (1) classroom teacher reads test aloud to pupils, (2) classroom teacher reads test to pupils after she is given special training in reading the test selections, (3) professional television announcer reads the test on motion picture film, and (4) professional television announcer reads the test on tape recording.

The researchers thought that differences in teacher readings might cause wide differences in pupil scores, and these differences could be minimized by training the teacher, or by filming or tape recording versions of the test. As it turned out, schools were almost equally consistent within all four methods. Differences in teacher speaking ability did not seem to affect results.

It was thought that those pupils who took the movie version of the test with the pro-fessional reader would tend to get higher scores than the others. This was true at the high school level where the listening selections covered more complex materials, but not at the junior high and elementary school levels where more simple materials were read aloud.

The Fargo research project not only provided answers to the problem of measuring listening ability, but also provided classroom teachers with information on the listening ability of the pupils who participated in the experiment. General interest in measuring and teaching listening was generated in Fargo by parents learning of the experiment from their children and a half-hour television program. On the television program, parts of the filmed test were broadcast so parents could compare their scores with those of elementary, junior high, and high school pupils.



SOPHOMORE CO-EDS selected by Senior Staff for Sophomore Womens' Honorary are: 1st row, left to right, Ene Koivastik, Karen Nordstrom, Sara Avery, Mary Jane Hanmer and Judy Van

Vlissingen. 2nd row, Patty Dodge, Donna Huether, Barb Daley, Hay Ovesen, Judy Jensen, Ginny Nelson and Kathy Hutter.

National Science Institute Receives \$95,000 In Grants

Grants totaling approximately \$95,000 will be given to seventy high school science teachers by the National Science Foundation for the National Science Summer Institute. The Summer Institute will begin June 11, 1962 and will continue for eight weeks according to Joel Broberg, assistant professor of chemistry, who is the head of the National Foundation Institute at NDSU.

Study in mathematics, zoology, physics and chemistry will be offered for elementary and advanced. Three courses must be maintained by the participants, one which must be seminar. The other two courses may be from any of the four courses offered.

Botany is offered every other year in place of zoology.

College credit will be given for the courses taken which will apply toward a Masters Degree in education.

Applications have already been made for the next three years to the National Science Foundation for the summer institute.

The chemistry department has noted a rise in student ability from the extra training given high school teachers. The summer institute brings teachers up to date and gives them enthusiasm for teaching to the high school students.

The summer institute sponsors a trip to Itasca Park and a trip to Minneapolis-St. Paul to observe industries in operation. Renowned scientists from this country and abroad will be guest speakers at the summer institute.

Of this year's participants 35 of them have never attended an institute before, 23 of them have attended one institute before, 10 of them have attended two institutes before and two of the participants have attended three institutes before.

The high school teachers range in age from less than thirty years old to over 60 years old with an average about 38 years old. The participants are about equally divided between chemistry, math, physics and zoology.

Forty-one of the high school teachers are from North Dakota, 21 from Minnesota, two each from Iowa and Texas, and one each from South Dakota, Georgia, Wisconsin and Mississippi.



Not just three sizes ... but three different kinds of cars ... Chevrolet!



Chevrolet Impala Sport Sedan (foreground)

Chevy II Nova 4-Door Station W

Corvair Monza 4-Door Sedan (background)

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beauty of a buy on your favorite.



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Across University Drive From NDSU Main Entrance Open Till 7:30 P.M. **Every Evening**

Page 10

trophy.

THE SPECTRUM

Friday, May 18, 1962



Two weeks ago, when the opening session of the tournament was held, Larry Rolfstad and Duane Fluegel were officials. Last week at the board meeting they said that they would not do it again. There were no alternates chosen to take their place, thus no one officiated last Saturday. Because of this a disagreement arose as to the winner of the tournament.

Intramural

During the meet the four winners, ATO 1, ATO 2, SAE and the Sigma Chi's were 'to play off. The ATO 2 player defeated the ATO 1 player and the SAE won over the Sig. The ATO 2 player had already lost a game to the SAE's. Every team had now lost one game with the exception of the SAE.

Due to complications, the SAE, Jerry Flam, had to leave Saturday. He stated at the meeting that he had made arrangements to play the ATO's player, Mike Yahna, later on in the week for the championship. Yahna said that he interpreted

WRA Bowling Team **Places In Tourney**

Karen Loberg, AAS soph, bowled the second highest sinlge game in the 23rd annual National Intercollegiate Postal American Ten Pin Tournament with a 224

A total of 60 colleges and universities throughout the United States entered the tournament.

NDSU's WRA team placed third in the tournament with a total of 70.5 points on all four meets. Points are based on the 10 highest series, the 10 highest single games and the 10 highest five woman team each month.

NDSU won first place in the April meet. Karen Loberg placed second in series with 362 and second high game of 224. Janet Anderson was tied for 10th highest single game with 180.

The NDSU team was second highest with 1593. Team members are Karen Loberg, Collette Buhr, Dorothy Hale, Janet Anderson and Rae Ann Winlaw.





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LESSON 8- Becoming a specialist

Experienced girl watchers, for whom routine watching has lost some of its excitement, often become specialists. (This is definitely not recommended for beginners. However, it may be practiced as a change-of-pace by more advanced students.) They may spend an entire field trip concentrating on one part of a girl. This tends to step up

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activity, since it does not require that the whole girl be beautiful. For example, if you decide to specialize in knees, you watch only beautiful knees. (The doorman above appears to be an ankle specialist.) Whatever your watching specialty, make sure your smoking specialty is Pall Mall's natural mildness-it's so good to your taste.

> Pall Mall's natural mildness is so good to your taste ! So smooth, so satisfying, so downright smokeable!

Trackmen Braced For NCC Encounter

Eleven NDSU trackmen have been entered in the North Central Conference track and field meet Friday and Saturday night at Cedar Falls, Iowa.

Preliminary events for the annual meet will be run at 5 p.m. on Friday with the finals beginning at 1:30 on Saturday.

Included in the list of NDSU runners is Oddvar Helgesen, defending NCC champion in the mile and two-mile. Helgesen will be entered in the same events for this year's meet. Other NDSU athletes and the events in which they will participate are: Neal Jacobson, half-mile, 440, high and low hurdles, broad jump and mile relay; Dennis Powell, half-mile and mile relay; Mike Anderson, high and low hurdles, javelin throw; Brian Dieterle, 100, 220, 440, broad jump, javelin throw and mile relay; Bob Bean, 100 and javelin throw; Gary Ness, mile; Charles Offerdahl, 2-mile; Hank Messman, 2-mile; Harold Kegley, 440.

Baseball Season Summarized

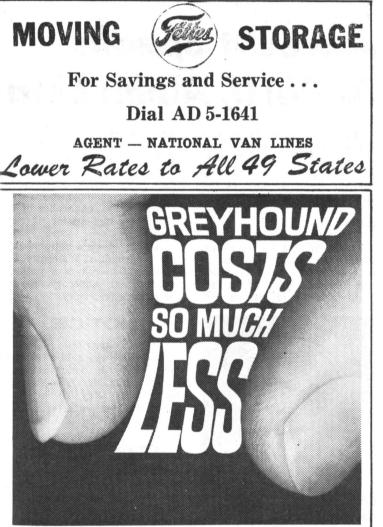
Final 1962 baseball statistics at NDSU indicate that the Bison as a team had an exceptional batting average of .292, but averaged almost 4 errors a game.

Those 2 figures, according to coach Ross Fortier, explain the 1962 record of 5 wins and 10 losses.

The Bison gave up 122 runs to their opponents, but only 66 of them were earned runs. The Bison coach feels this made the difference between a winning and losing season. Roman Rezac, one of 4 seniors on the squad, led Bison batters with a .386 average on 17 hits in 44 at-bats. He was followed by Mylo Hellickson, who had 8 hits in 24 at-bats for .333, and LeMoyne Propp with 15 hits in 46 at-bats for .326.

Harmon Krause led the Bison in extra-base blows with 5 - 4doubles and a home run.

Rezac, Krause, Bill Anderherst and Calvin Lokken are the only seniors on the squad.



Chances are, you know that Greyhound fares are less than any other form of public transportation. What you probably don't realize is how much less. For a pleasant surprise, check the money-saving Greyhound fares below. You'll see at a glance why it always pays to insist on exclusive



BISON TRACK COACH BUD BLAKELY was watching closely for future NDSU talent at the Eastern Division track meet held last Wednesday at Dacotah Field. Many of these fellows will no doubt be candidates for his squad within the next year or two.

Bison Varsity Soundly Beaten By Alumni Footbaall Squad

By MYRON WAGNER The NDSU Alumni dispelled the theory of "youth over age" by handing the Bison Varsity a thorough 26-14 spring football defeat at Dacotah Field Saturday. The victory was the first in five attempts for the Alumni.

The Alumni showed a surprisingly coordinated offense, scoring in each quarter. Dave Gentzkow and John Staples were consistent ground gainers, reeling off several long runs. Ross Fortier, Alumni quarterback, kept the Varsity defense off balance with some pin-point passing.

Defensively, the Alumni did not allow the Varsity to penetrate the Alumni 20 until the third period. Jim Walsh, Keith Merkt and Bob Kovich led the spirited Alumni defense.

For the Varsity, relying heav-

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ily on freshmen, it was a night of frustration. The experienced Alumni team forced them to make numerous mistakes, both offensively and defensively.

Coach Bob Danielson was not completely disappointed with the loss. Danielson called the Alumni squad "the best one we've faced". The game provided Danielson with a good opportunity to get a look at his material, as he used 33 players in the contest.

Tom Reynolds grabbed an eight-yard Fortier pass for the first Alumni touchdown. Late in the second period Clyde Payne took a pitchout from Fortier and scampered 15 yards for the second Alumni score. Don Remillong converted to give the Alumni a 13-0 half-time margin. Midway in the third quarter

the Varsity drove 75 yards to

score. The drive featured two key pass completions by Harold Hughes. Ron Erdmann contributed a 16 yard sprint before scoring from the one yard line. Hughes passed to Erdmann for the two point conversion.

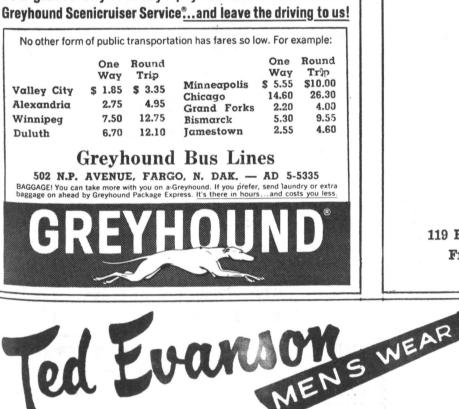
Fortier set up the third Alumni score by passing 15 yards to Roger Erickson on the Varsity 5. John Staples capped the 70 yard march by scoring on the next play to give the Alumni a 19-8 lead.

Early in the fourth quarter the Alumni moved 74 yards for their fourth touchdown with Staples traveling the final 11 yards. Harry Timm converted from placement for a 26-8 lead. Frank Hentges concluded the

scoring by hitting Erdmann with a 44 yard pass-run play for the second varsity touchdown.

The game concluded the 20 allotted spring drills for the Bison. Danielson was pleased with the work, calling the spring drills the best in his five years as head coach at NDSU.





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Student Insurance Benefits Discussed

Health insurance will be available to NDSU students next fall, according to Harold Horsager.

The Student Health Insurance will be handled by the Sexton Insurance Company from Minneapolis at an annual cost to the student of \$17.90. "The Insurance will cover the student for fwelve months, which means the student will be covered during all vacations," said Horsager.

The benefits of the insurance policy are as follows: ACCIDENT

\$500. Blanket accident medical expense unallocated.

\$100. Maximum benefits to be provided for treatment and x-ray made necessary by injury to sound natural teeth. SICKNESS

\$ 16. per day for hospital room and board payable for 30 days confinement per sickness.

\$200. Hospital miscellaneous expense for such things as x-ray, laboratory tests, anesthesia, operating room, drugs, dressings and other necessary hospital services and supplies. Resident bed patient required.

\$250. Maximum surgical schedule. Amounts based on nature of operation performed.

\$ 3. In-hospital doctor visits when no surgery is performed. Maximum of 15 days per sickness.



HEAP BIG SMOKE but no fire. The coal pile behind Minard Hall began smoking last Tuesday due to internal combustion. Fire did not occurr however.

Fire Threatens Coal Pile Behind Minard Hall Although it appeared that the a wider area of ground to re- caterpi

Although it appeared that the power plant was attempting to heat the outdoors last Tuesday, the coal pile behind Minard Hall was just smoking, and not burning.

Harold Anderson, chief engineer, said that the pile started to smoke early Tuesday afternoon and that his men quickly spread the smoldering coal over a wider area of ground to reduce the chances of fire. The smoke was caused from

the wet coal which was surrounded with oxygen. This caused internal combustion. To insure against the possibility of fire, which is always present in a coal pile, the coal was compressed by driving large caterpiller tractors over the pile to force out all the air.

If a fire does break out, throwing water on it will put out the fire, but further moisture will just endanger future fires according to Anderson.

Needless to say, it would make a wonderful flame, and a lot of smoke.

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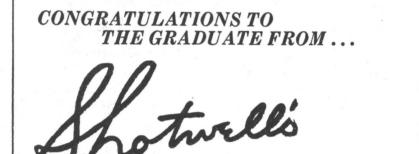
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THE SEAFARING MAN IS A



Albrecht Speaks To Phi U, Alpha Zeta

"To be creative, productive citizens we need an acceptive mind," said President Herbert R. Albrecht. President Albrecht was the guest speaker at the annual Alpha Zeta — Phi Upsilon Omicron spring banquet, May 10.

"The pressure of new knowledge is driving us into new phases of learning. This makes it essential to make complete and constant studies of the curriculums of universities and col-



This calls for more planning, including self planning. When you are out of college it is your duty to keep up to date according to President Albrecht.

Darwin Lee, chancellor of A pha Zeta, was master of cere monies.

Alpha Zeta is a national honorary agriculture fraternity. Phi Upsilon Omicron is a national professional, honorary home economics fraternity.

NOTICE

Kappa Psi

Kappa Psi will hold a tea and open house in honor of their housemother, Mrs. Etta Van Eaton Sunday, May 20, at 4:15 p.m. Mrs. Van Eaton terminates 23 years of service to Kappa Psi

Classified Ad

FOUND: Lady's white leather jacket at the Greek Week picnic. Contact the publications office.

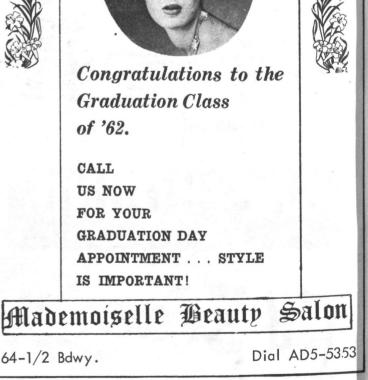


was the guest sp annual Alpha Zets silon Omicron spi May 10. "The pressure of ledge is driving phases of learning it essential to m



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