

T. PATRICIA AND ST. PATRICK of this year's Engineers' Ball are both engineering students. Frank Mirgain, dean of engineering, presented Kay Schultz with her crown, trophy, and roses; Chuck Burk received St. Pat's traditional T-square.

### o Start Fall Quarter

# Announce Room, Board Contracts; New Residence Halls Affected

ademic year. Other students at a.m. and two p.m. orth Dakota State University may ect to take part in it.

Frank Bancroft, university food rvice director, feels that the new ood Service Program will be atactive to students as a means of easily budgeting college costs and ill. assure them of high quality, ourishing food at the lowest posble cost. The aim of the food rvice is to make a program acptable to the students, faculty, nd administration.

The cost of the program will run to \$126 a quarter or \$378 a year for three meals a day, five ays a week, or \$137 a quarter or 411 a year for a seven-day on the 0-meal plan. The average cost r day, Bancroft said, would be

"Take one and come back for esserts for the student. Resident tudents may also plan special eals such as Italian dinners and uffets. Carnivals and several ommittee projects are also inluded in the special activities.

Students participating in the esidence Hall Food Service Proram will have opportunity to earn neir board in the Food Service epartment.

If er,

to

d

Board credit from employment the department can be applied board changes, due the univerty for the current quarter, or as redit for the following quarter. ull-board can be earned by puting in 16 hours per week for 11 yeeks of each quarter. Threeluarter board may be earned by 2 hours a week and one-half vailable for work and the needs of the deport work and the needs of the deport will depend upon nours way are a study of organic data. The committee is sponsored by the National Council of Teachers area which encompasses Minnesota the reactions of the committee is sponsored by the National Council of Teachers and the deport work and the needs of the committee is sponsored by the reactions of the committee is sponsored by the needs of th oard by eight hours a week. Emf the department. It is suggested wartz, one in organic sulphur poly- and the two Dakotas.

Students living at Reed, John- that students desirous of obtaining missed and meal tickets are nonson, and Weible Residence Halls employment endeavor to keep a transferable. Meal tickets or cash Il be required to accept room two-hour minimum period open will be required for entrance to nd board contracts for the full during the critical hours of six the dining room. There will be

> are advised to contact the Food ployment table in Festival Hall. permit the department to authorize the extension of credit by the Business Office for the student's a time. board charges.

mented with a lunch service. Re- once they have tried contract feedfunds are not given for meals ing.

no meals served over Thanksgiv-Those interested in employment ing and the Christmas Holidays.

The food service building is Service Director prior to the fall scheduled for completion this sumregistration. Upon completion of mer. The new structure will be fall quarter registration, students completely air conditioned and will are advised to confirm their em- be attached to Johnson, Weible ployment at the department em- and Reed by a glass-enclosed walkway which will be heated during Confirmation of employment will winter. The building will be equipped to service 515 meals at a setting and to prepare 1,500 meals at

The program is designed so that Students who have conflicting the students will not want to go back to the old system of eating

# Scientific Grant Awarded

is the policy on servings. awarded North Dakota State Uni- study of the chemical structure he only exception will be when versity by the National Science of lignite under Schwartz, one in teak is served. There will be a Foundation for continuation of its phenol-formaldehyde polymers unhoice of three to five salads, two program of undergraduate sciendr Dr. Robrt Peterson and a pro-

Prior to September, ten students will be selected for the 1964-65 academic year.

Dr. Donald Schwartz, professor of chemistry and director of the program, said it will be open to undergraduate students at NDSU, Moorhead State College and Concordia College.

As Schwartz explained it, students chosen will have an opportunity to select one of the existing research projects at NDSU as an area of investigation and will work directly with a professional researcher involved in the project. Much of the work will be done

A grant of \$19,000 has been | mers under Dr. Robert Fitch, a nain courses and three to five tific research. The program is now esserts for the student. Resident in its fifth year. under Dr. R. L. McDonald.

Past participants in the program have found it a valuable educational experience. Mark Siefken became a Fulbright Scholar in Germany after completing it and currently working toward a Ph.D. in chemistry at the University of Wisconsin. William Cross is completing his Ph.D., at Pennsylvania State University; Gene Sparrow, is working on a doctorate at Iowa State University, and Larry Guilbert, is a Fulbright Scholar at Heidelberg University in Germany.

The NDSU grant was among 190 in the new Dunbar laboratories such grants given in the United until Nov., 1966. which are scheduled to open this States under a 2.8 million dollar National Science Foundation pro-

For Two Weeks

# KDSU Closed Up; Committee To Study Improvement Methods

KDSU radio station has been so that the station can be picked closed up for at least two weeks, up inside the dorms. The second

A committee has been set up to "look into the radio problem and make recommendations." It will be their job to try and figure out how to solve some of the stations problems.

Leasure stated: "They had a pro-

gram which wasn't worth much, and were asking for a lot of equipment for their new room in the Union." The radio sta-

tion recently asked for \$4,000 to buy new equip-Shulman ment for

coming year. The budget review committee of faculty senate questioned the value of the station in proportion to the request of funds. Serving on the group are Dr.

Sol Shulman, advisor to the station and chairman of the committee, Fr. William Durkin, Bill Tapper, commissioner of Radio, Don Schwartz, Steve Conaway, Jim Vorachek, and Dean Leasure.

This committee will set up ideas which will improve the station so that they can reopen in about two weeks, said Leasure.

Don Schwartz stated that the purpose of the committee is two fold. One will be to determine the possibility of getting equipment are worthy to stay in business.

announced Dr. Daniel Leasure last part of their plan is to improve the programming.

Some of the ideas that the committee have discussed have been the use of faculty members for special interviews and better music by using the new Union's records and equipment.

"We are going to try and make it more than just a disk-jockey station," said Schwartz.

KDSU Radio has been under criticism for some time, mentioned Leasure. One of their main problems stems from the fact that they cannot attract a large enough audience. The new dorm complex cannot receive the station beause there is something in the steel of the frame which does not let the radio waves penetrate. Also, the station is on such a limited power that students who live more than two blocks off campus can rarely pick up the station's broadcast.

Along with the technical problems, their programming has been bad, said several members on the committee.

Leasure stated: "They have not done anything to justify staying in business,"

The committee hopes to improve the radio station enough in the next two weeks, so that when the station is back on the air, the budget review committee will listen and judge whether or not they



Even the smallest paperback book is rearranged during recent remodeling of the Student Union's Varsity Mart.

## Hove To Head Censorship Group

Dr. John Hove, chairman of the faculty, general public and other English department, has been ap- factions to the censorship. pointed head of the committee to report on cases of censorship. He was selected in Dec. and will serve

Hove said that this committee is to locate cases of censorship in Among projects currently under gram. NDSU received the second schools all over the United States. yet appointed. way are a study of organic titan- largest grant in the three-state He said the committee will then

Hove said that he has 35 cases of censorship in 21 states.

The committee is composed of Hove, Dr. Harold B. Allen, English professor at the University of Minnesota and two other members not

The committee is sponsored by

# **OLDTIMER'S** CORNER

By Dutch Holland

1959 - 5 years ago: Several PhT degrees were to be awarded at the senior spring tea. The degree is for wives of graduating seniors who had helped their mates financially or by typing, proof reading, plotting graphs and drawing diagrams. PhT stands for Putting Hubby Through.

1939 - 25 years ago: There was to be a demonstration in the dormitories in the use of the new dial telephones which were being installed in the Fargo-Moorhead

1929 - 35 years ago: The Beatles weren't around, but the music was almost as sick. The latest hits included: "I Faw Down and Go Boom!" and Eddie Cantor's "Automobile Horn Song". Other numbers mentioned in the Spectrum were "If I Had You,"
"Sweet Suzanne" and "Button
Up Your Overcoat."

1924 - 40 years ago: Grand Recreation Parlors submitted this ad to the Spectrum: Win a \$50 suit Hart, Schaffner & Marx Clothes! Every player of Canadian Snooker receives a coupon without extra charge which may win the \$50 suit to be awarded April 1, 1925. The game of Canadian Snooker grows more popular every day. It is fascinating and inexpensive; an excellent combination. Play Snooker and get your Easter Suit free.

1914 - 50 years ago: From the Wyoming Student: "President Stryker of Hamilton College says, 'if I had my way I would put out of college every boy who spends

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more than \$700 a year. He is doing himself no good and he is a bad example to others.' Prof. A. P. Saunders of the same college has produced figures tending to show that \$513 a year was enough to take a boy through college." The Spectrum added, "Evidently their book store does not make as much profit as ours.

1899 - 65 years ago: "The young ladies of the college choir have requested that the curtain placed before them to hide their dainty neighborhood?" feet, be left where it belongs at all times.

# Negro Problems Aired At S

ica" was a seminar attended by noon ended with a visit to the 29 students over quarter break. main office of Ebony magazine, The Ecumenical Institute of Chicago, Ill., was their host.

workshops on such varied topics including Mr. Johnson who is the as the cultural revolution, the aims publisher. of the ghetto Negro, and the problems of integration in housing.

One afternoon the students conasked such varied questions as ion?" and "What do you think are

were taken on a tour of Chicago's womanhood.

'The Negro Revolution in Amer- | Negro neighborhoods. The after- | which is the Negro magazine comparable to Life. The staff of the The group had lectures and magazine is nearly 100% Negro,

Mr Nahaz Rogers, a Negro who is active in the civil rights movement in Chicago, presented the ducted an information survey of views of his counterparts on this ed. He added that 1964 will be the ghetto residents who live near national issue. He said that whites the Institute. The students were have created history where there divided into teams of two, each was none. As an example of this team having a designated area to he said that there is really no cover. Those interviewed were such thing as an American "Negro", for nearly all black people "Does your family enjoy televis- in the United States are of African descent. He added that histhe three major problems in this torians change many historical facts to preserve the image of the Another afternoon the students brave white male and fair white

"The Negroes want the bla Americans to be infused in American society," Rogers sa "The Negro has the idea that must get the advantages the whites have got; he is right, ar he is going to get them."

Rogers continued to say that the press is trying to lull the white into sleeping through the Negr revolution. "Don't do it!" he plea decisive year. "We aren't co cerned about what the press say because it doesn't matter anymore This is our country, and it's fo everyone.'

Some of the highlights of the trip other than the seminar itse included visits to the Chicago Ir stitute of Art, Old Town, and th award-winning drama, "Who" Afraid of Virginia Wolf?"

# THE NEW HUE IN EAGLE BUTTON-DOWNS: FORESEEABLE FUCHSIA

**TOOKS** pink,\*doesn't it? ★ We chose the name for this color from among the entries in our recent competition for new color-names because of its aptness: we predict great things. Remember you heard it here first. \* What makes our solid pink new is that it isn't solid pink: the vertical varn (or warp) is somewhere between a Robert Shaw Coral and a Lawsy Miss Scarlet; whereas the horizontal yarn (or woof) is a sort of 'Enry 'Iggins Just You White. \* Thus creating an illusion, but of the finest oxford cloth all the same; with button cuffs and our dear, old bulgy collar, about \$7.00. If you don't know where to buy this and other Eagle Shirts in your town, please write Miss Afflerbach who does; at the address below.



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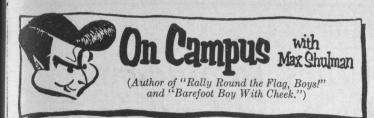
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#### A ROBE BY ANY OTHER NAME

With the Commencement Day just a couple of short months away, the question on everyone's lips is: "How did the different disciplines come to be marked by academic robes with hoods of different colors?" Everybody is asking it; I mean everybody! I mean I haven't been able to walk ten feet on any campus without somebody grabs my elbow and says, "How did the different disciplines come to be marked by academic robes with hoods of different colors, hey?

This, I must say, is not the usual question asked by collegians who grab my elbow. Ordinarily they say, "Hey, Shorty, got a Marlboro?" And this is fitting. After all, are they not collegians and therefore loaded with brains? And does not intelligence demand the tastiest in tobacco flavor? And does not Marlboro deliver a flavor that is uniquely delicious? And am I not short?

But I digress. Back to the colored hoods of academic robes. A doctor of philosophy wears blue, a doctor of medicine wears



Why, Why?

green, a master of arts wears white, a doctor of humanities wears crimson, a master of library science wears lemon yellow. Why? Why, for example, should a master of library science wear lemon yellow?

Well sir, to answer this vexing question, we must go back to March 14, 1844. On that date the first public library in the United States was established by Ulrich Sigafoos. All of Mr. Sigafoos's neighbors were of course wildly grateful-all, that is, except Wrex Todhunter.

Mr. Todhunter had hated Mr. Sigafoos since 1822 when both men had wooed the beautiful Melanie Zitt and Melanie had chosen Mr. Sigafoos because she was mad for dancing and Mr. Sigafoos knew all the latest steps-like the Missouri Compromise Samba, the Shays' Rebellion Schottische, and the James K. Polk Polka—while Mr. Todhunter, alas, could not dance at all, owing to a wound he had received at the Battle of New Orleans. (He was struck by a falling praline.)

Consumed with jealousy at the success of Mr. Sigafoos's library, Mr. Todhunter resolved to open a competing library. This he did, but he lured not one single patron away from Mr. Sigafoos. "What has Mr. Sigafoos got that I have not?" Mr. Todhunter kept asking himself, and finally the answer came to him: books.

So Mr. Todhunter stocked his library with lots of lovely books, and soon he was doing more business than his hated rival. But Mr. Sigafoos struck back. To regain his clientele, he began serving tea at his library every afternoon. Thereupon Mr. Todhunter, not to be outdone, began serving tea with sugar. Thereupon Mr. Sigafoos began serving tea with sugar and cream. Thereupon Mr. Todhunter began serving tea with sugar and cream and temon.

This, of course, clinched the victory for Mr. Todhunter because he had the only lemon tree in town-in fact, in the entire state of Maine-and since that day lemon yellow has, of course, been the color on the robes of masters of library

(Incidentally, the defeated Mr. Sigafoos packed up his library and moved to California where, alas, he failed once more. There were, to be sure, plenty of lemons to serve with his tea, but, alas, there was no cream because the cow was not introduced to California until 1937 by John Wayne.)

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# On The Social Scene

me to the top of page three again!

Although there's a lot of material that has reached my desk this week . . . scandalous communiques, insidious social gossip . . I'll take room for a comment:

your social events merely submit lightfully. I'll have additional in-

Attention social chairmen of Independent and Greek organizations — if you want coverage of a note to the Spectrum, if possible a week in advance or call AD 5-9550. We'll both benefit de-

GET SET

SPRING

(VISIT US)

FARGO TOGGERY'S

"for the Young Man on the GO"!

three and you'll have the unequal-led joy of first reading M. Shul-man, lighting a Marlboro; and amid malignant fumes, gazing with excitement at news about you and your organization in "On the Social Scene"

#### Sigma Phi Delta Grand President

The Grand President of SPD spoke at the fraternity's initiation banquet last Sunday. Dr. Robert J. Beals holds a degree in chemical engineering and is currently employed in the Argon National laboratories at the University of Illinois.

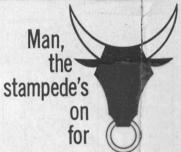
Dennis White, John Van Dyke, and Paul Schroedl became actives in SPD on Sunday.

Sigma Alpha Epsilon and Kappa Fraternities placed active

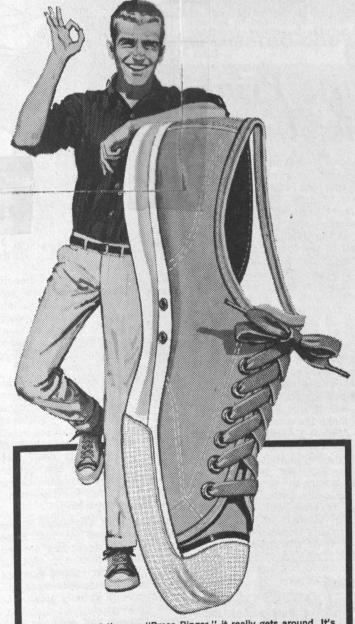
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**United States Rubber** 

With Frank Bernhoft

Good grief! Ads have pushed formation to inflict upon page | badges upon new members recently. New actives of SAE are: Ron Berg, Randy Buresh, Bob Challey, John Craft, Glen Goetz, Jerry Fer-cho, Stan Johnson, Bruce Larson, Harold Miller, Tom Norum, Mike Scott, Dave Otis, Bob Sturton, and John Thomas.

> Kappa Psi's initiates include: Orland Amundson, LeRoy Brend, Paul Carlson, Lyle Lamoureux, Terry Meyers, Tom Mikkelson, Primozich, Mike Sather, Phil Smolz, Corky Thygeson, and Roger Young. Sigma Alpha Epsilon

#### Sweetheart Ball

Karen Loberg, Kappa Alpha Theta, was crowned Sweetheart of the SAE Social Fraternity by Marlette Anderson, Kappa Delta and past sweetheart of the chapter on

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#### **Editorial**

The radio station, housed in Churchill Hall until completion of its room in the new Memorial Union extension, has been under criticism for some time because of its ineffectiveness. Two weeks ago the budget review committee of the faculty senate, reviewing the funds requested by the radio commission for new equipment, decided to investigate.

The commission asked for \$4,000 to outfit its new station in the Union. At present, it appears to the committee that the station isn't in any position to ask for more money. Students on campus have not been listening to the station, and several of the residence halls have not been able to receive it. Radios off campus rarely can pick up the station; therefore few students receive any benefit from this campus medium.

Dr. Daniel Leasure, who feels there is need for a radio station, has picked a committee to try to improve the radio staff. It will investigate programming and the possibility of installing equipment, whereby the station can be received by more students.

We think that it is about time that questions were raised concerning the necessity of the radio station KDSU. The staff has been working under adverse conditions for many years, and it seems that it has progressed little.

The committee has suggested that the station improve its programming. This definitely is needed, but we cannot see how this is possible without some kind of training. The members of the radio staff are, for the most part, not paid and not trained. There is only one course in which any experience can be gained, and this combines radio and television.

Before programming can be improved enough to make it attractive to the college audience, the staff is going to have to be trained and provided with an incentive.

The most important obstacle to the station is its transmitting handicap. Students cannot be expected to have an interest in a station which they cannot hear. In order to buy the equipment necesto make the station capable of being heard in the new dorms, Student Senate would have to appropriate student funds. We seriously doubt that this drastic measure is worth the cost.

On the other hand, the station could become an educational faculty, giving it more power with no cost. We think this is the best idea. It is about time KDSU is investigated. We think that the idea of a campus radio is sound, but before students are required to put out their money for its support, they should be able to receive something in return. When KDSU starts broadcasting again we will expect an im-

# Newspaper Must "Print News And Raise Hell"

to reflect the positive side of a mocracy. university it is representing.

raisers and the "positive-thinkers" has been a part of student newspaper discussion for decades. Essentially, it reveals a split between those who believe that an informed campus is most important, and those who hold that a tranquil one

that the less pleasant develop- ed to make the campus better. ments on campus ought to be disthe advances, and the retreats.

Moreover, an informed campus then that is what we will raise. is a dynamic campus; and a school alive with debate, controversy, and

"The job of a newspaper," an discussion is essential to an acaincisive commentator once wrote, demic climate which inspires, rawas to "print the news and raise ther than stultifies, enthusiastic who will question the role of a community is to repudiate that hell-raising paper on a campus, faith in the judgment of a citizenwho will argue that a paper ought ry that is the fountainhead of de-

It is incumbent on us to use THIS DEBATE between the hell- this freedom with responsibility, and to report the news with as much objectivity as we can. We will make mistakes, both because we are human and because we are fledgling journalists.

But these will be mistakes made in good faith, out of a genuine desire to let the campus know what is happening, and to help raise a We cannot accept the position little hell if that is what is need-

TO USE A CAMPUS newspa guised, or surpressed, or buried. as a public relations organ of the The student body, the faculty, the university would be to betray our alumni, have a right to know what heritage and our purpose. Our is happening on or to their uni- loyalty is with the school; our goal versity—and this includes both is to make it a better one. If hellraising is what will help do it,

> Daily Cardinal U. of Wisconsin

The Spectrum

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# Letter to the Editor . . .

# KDSU Radio Undergoes Prof. Hayat Writes To Students, Necessary Investigation Urges Them To Avoid Conformity

Letter to the student:

are entering life. You are on a an attitude like mine, even if it is already seen it in your way starting line — the one of a acceptable to me, is without an living. How easy it is for me young boy who got a strong and excuse to you. To you, everything judge you, and how harsh it sounds good education, as widely open as is for the "best". Your concern when expressed in this way! But possible to an even more general for rationality, reasonableness and culture. Here you are, young conformity is so enormous that I prisoner of so-called modern so- see some shadows. You cannot ciety. You seem to be happy. You avoid them, for they are the price think you are well prepared. You of additional security which is so admit, without hurting your indi- dear to you. vidualism too much, that collective thinking is indispensable for your cision precedes action. Your risk betterment. You do not object is also the exclusion of an aspect when your philosophy of life is of human involvement in the deplanned, regulated, controlled and cision-making. Your risk is, finally, even anticipated by the society. to forget gradually the very neces-

In your opinion the dangers of sity of making a choice. I see thi You are 19 years old and you a mistake have become such that risk, I feel it for you, and I hav

Your risk is to forget that de-

if by any chance it is true, how grave it would be then!

You have become addicted to following, for it is easy and quick As long as you are following, you have not done anything. You have not acted because you have not decided anything yet, and nothing will be executed.

Your will to progress will need courage. The despotism of custom is so powerful that you will require infinite courage to stand up alone. You have been taking orders without knowing all your life. To be a man, you have to declare very soon that there is a limit beyond which you shall not surrender to the group. In other words, your declaration will invoke a value - you will assert that there is something in you which is worthwhile.

Of course, your youth does not put you in places where decisions are to be taken. Most of you neither have the inclination nor the ability of independent decisionmaking. Nevertheless, your generation will come to know the necessity and importance of making a choice on time and that you should not let yourself be patterend by some dominants. But you have to make a decision. You see, I am afraid that pushing a preparation to its limits might make you forget the time of decision, or even that a decision is to be taken. But, it is this decision that indicates the height between the ascent of the study and the descent toward execution.

Everything around you induces you to reduce the margin of risk, and keep yourself aside and surrender. All your habits lead you to insert your thought, your work and your will in a collective thought, a collective work and a collective will. But in order to make a decision, you will have to come out from the collectivity, because there is no decision but a personal one. It is intellectual and moral and does not have sense unless it is free, and to be free, it has to be alone. Taken in solitude, the decision involves the responsibility for the best or for the worst.

Nevertheless, I am just telling you that decision is a solitary fact.

Where democracies seek after the expression of the collective In a pilot survey of 51 men who be a positive influence on their will, they guarantee the freedom roomed in Rather Hall as first- academic performance. Those with of choice to the citizen. To take term freshmen in 1960, Adams low achievement generally had a this responsibility, the elector retreats in a polling booth, a place ting the academic atmosphere of they entered MSU, students in the most important decision of his life the room. The study dealt with top 20 per cent with at least a 2.5 as a citizen. You must decide, but students in the top and bottom all - university average were con- also, you must decide on time. 20 per cent of potential scholastic sidered "high ability, high achiev- This is true, as you know, in baters." Those below a 2.5 were tles, but life is also a battle. The termed "high ability, low achiev- necessity to make a choice might ers." Students in the bottom 20 appear some day at the turn of per cent of potential ability were your road, surprising, brutal, ready "low ability, high to crush you. It is for this minute achievers" if they had over a 2 that you will have to behave like a man, like all the generations that

You will see, when in my place, mate with a low grade average to is to see his student better than move out of the room, and of he, stronger than he, without his students who disliked studying defects, but still keeping something and with preference, that he Nearly 50 per cent of the stu-thinks to be most sound. Vain Study and social habits were dents agreed that residence hall ambition it may be, but it is life almost exclusively the reasons for living helps students learn how that models generations much students leaving the rooms. Com- to study. The majority of students more than does the teacher's de-

> M. Arif Hayat **Assistant Professor** of Biology



AT LEAST WE HAVE A LOT MORE OF THE FRESH-MEN COMING IN TO USE THE LIBRARY."

# hell." With the start of a new seinquiry. To fear the free dissemmenter there are inevitably those ination of news about the campus Survey Shows Roomies Influence Study Habits

Adams, director of residence hall together. student services at Michigan State in college.

found that all of them considered roommate like themselves." roommates a vital influence in setability according to tests taken when they ntered MSU.

Adams found that about 75 per cent of the students had made room changes since they entered college. He also found that an average of 75 per cent of studying by all groups was done in dormitory rooms. A definite trend was noted in the study for a man leaving a three-person room to have a radically different grade-point average from that of his other two roommates.

mon card partners, students with in the study also believed that sire. similar athletic, social, or religious residence hall social and athletic interests, fraternity pledges, and activities do not detract from acastudents with poor study habits in demic experiences.

A study by Donald common tended to want to room

"Low ability students in particu-University, provides new support- lar seemed to be tremendously ining evidence for the theory that fluenced by their roommates," roommates significantly influence Adams said. "Those with high student's academic performance achievement almost invariably picked a roommate who would

According to tests taken when considered point average.

The study cited numerous cases preceded you. of students with high grade point averages who asked a third room- that the only desire of a teacher tending to room together.

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BUNNY CHARLSON, a freshman in Home Economics, is this weeks Campus Cutie. Bunny is active in Orchesis and "Flower

### Campus Notices

"Silver Opinion"
Scholarship Competition
One week is left for application for Reed & Barton's "Silver Opinion Scholarship Competition. Competition is open to all undergraduate woman and offers ten awards from \$500 to \$100 scholarships each. For more information contact Connie Preuss at Weible Hall. Competition closes March 31.

Meeting Notice
The NDSU student chapter of the American Society of Civil Engineers will meet Wednesday, March 25, at 7:30 m. in conference rooms 1 and 2 of the Memorial Union. Election will be held for the Engineer's Council Representative. All civil engineers are wellone.

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- Do your friends hesitate to look you in the eye and have you ever received a Straus labe mailed anonymously?
- ☐ Don't you care?

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# hemistry Prof Receives Research Grant

Dr. Donald Schwartz, professor | In greenhouse tests, the lignite | mon elements from lignite, its ion of \$4,300 from the Baroid Division ers. During the coming months, chemistry.

Involved in the research is a per cent nitrogen. Through his research, Schwartz has devised a laboratory process for increasing work, Schwartz is inv

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PIZZA BURGER

of chemistry at North Dakota State fertilizer has compared favorably University, has received a grant with commercial nitrogen fertilizof the National Lead Company, to further agricultural evaluation continue his research in lignite tests may be made of the lignite fertilizer.

The apparent advantage of the process for increasing the nitrogen lignite fertilizer over the common content of lignite. In its natural nitrogen fertilizers is that nitroform, lignite contains about 1.3 gen is available to the plants over

Also in connection with his work, Schwartz is investigating the percentage to about 14.3 per other possible uses of lignite. The separation of certain less com-

# WATCH?

exchange properties, and possible

uses of lignite tars are among

other areas of investigation. The

latter project previously has been

supported by the Economic De-

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### Tom Thomsen wanted challenging work



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T. R. Thomsen, B.S.M.E., University of Nebraska, and process control techniques to reduce manu-'58, came to Western Electric for several reasons. Important to him was the fact that our young engineers play vital roles right from the start, working on exciting engineering projects in communications including: electronic switching, thin film circuitry, microwave systems and optical masers.

Western Electric's wide variety of challenging assignments appealed to Tom, as did the idea of advanced study through full-time graduate engineering training, numerous management courses and a company-paid Tuition Refund Plan.

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If you set the highest standards for yourself, enjoy a challenge, and have the qualifications we're looking for-we want to talk to you! Opportunities for fast-moving careers exist now for electrical, mechanical and industrial engineers, and also for physical science, liberal arts and business majors. For more detailed information, get your copy of the Western Electric Career Opportunities booklet from your Placement Officer. Or write: Western Electric Company, Room 6405, 222 Broadway, New York 38, N. Y. And be sure to arrange for a personal interview when the Bell System recruiting team visits your campus.

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### Placement Office JOB OPPORTUNITIES

Wednesday, March 25 - Timothy Eaton Company of Canada will have a representative from their Winnipeg facilities seeking interviews with industrial engineers and business students.

Wednesday, March 25 - International Milling Company, Minneapolis, Minn., will be represented by Mr. Merlin C. Landberg, Director of Corporate organization planning. He will be interviewing all economists, ag. engineers, animal husbandry and mathematics students for trainee positions on a job rotation basis.

Thursday, March 2 - Standard Oil

dents for trainee positions on a job rotation basis.

Thursday, March 2 - Standard Oil Company, represented by Mr. Tony Rogness has sales training positions available for a variety of product lines. He is seeking students at B.S and M.S. levels, with accelerated training programs available for the advanced degree people.

gree people.

Thursday, March 26 - Upjohn Pharmaceutical Company will have a representative from their sales dept. seeking students with a chemistry, biological training positions in the Upjohn sales

training positions in the Upjohn sales force.

Friday, March 27 - Sinclair Research Corporation, Harvey, Illinois, will make an initial visit on campus, represented by D. W. Young. Young will be seeking interviews with chemists.

Tuesday, April 7 - The Reynolds Tobacco Company will have representatives on campus seeking any students interested in joining their sales force.

Thursday, April 9 - Montgomery Ward Company will be represented by Mr. G. A. Robert of St. Paul. Mr. Roberts offers graduating students careers with the Wards Organization.

Friday, April 10 - University of Minnesota - Civil Service personnel representative W. L. Pedersen will visit the

campus interviewing graduating students for positions on the University of Minnesota campus.

Tuesday, April 14 ~ The Burroughs Corporation will be represented by Mr. Bob Cherry. They will be looking for Business oriented personnel for the sales force.

sales force.

Eastman Kodak Company of Rochester, New York, has numerous openings for BS and MS chemists and physicists. Openings in Research, Development, technical sales and production.

Kirschmann Manufacturing Company of Bismarck, N. D., is currently seeking to employ an industrial engineering graduate for Time and Motion ing graduate for time and motion studies, production scheduling and purchasing.

studies, production scheduling and purchasing.

Murphy Products of Burlington, Iowa, is seeking a livestock and poultry Feeds representative to travel in southern Minnesota.

Ford Motor Company, (Ford Motor Division) is seeking a business economic graduate to begin as an Administrative Trainee.

The Green Giant Company has a number of summer openings for college men at the Bolvidere, Illinois location.

An opening is available for a male

rege men at the Bolvidere, lilinois location.

An opening is available for a male student (21 and up) who can do charcoal grill work. It is desirable if this individual has some meat or resturant individual has some meat or restaurant experience. This opening is a full time experience. This opening is in the Detroit Lakes vicinity and is a full time summer position.

North Dakota and Minnesota State Highway Depts. are seeking additional undergraduate civil engineering students for summer employment.



Bison Sports Information Director Tom Goodale stands at the bottom of the ramp as Bob Fissell, Brian Thompson, Larry Kauf-man, Cliff Hennebry, Dave Mott and Ron Vraa of NDSU's bowling team stand above him.

NDSU's Bowling Team Wins New Mexico Invitationa The bowling team of North kota State University, fresh winning the thirteen-team in tional tournament at Albuquer N.M., finished the season with 18-5 dual record.

The Bison, who defeated other college and university te from Arizona, New Mexico, ( rado and Texas in the tourname won dual matches against the I versity of Denver and the Univ sity of Colorado while on its tern tour

Individually NDSU placed h in most of the tourney even Bryan Thompson and Cliff Hen bry placed second in the doub competition. Dave Mott was second in the singles with a 613 ser and Bob Frissell placed second in the all-events competition 1719 series.

Tonn Leads

Janice Tonn, Pharm-soph., holds 7th place in the 15 singles game the National Intercollegiate Postal American Ten Pin Tournament

In the high 15 individual ser of three games, she came 10th. Miss Tonn, in the Nation Intercollegiate Telegraphic American Ten Pin Tourney, ranks first at SU with a three-game total of

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# Meet the Coaching Staff

Darrell Mudra, director of ath- 15 years of coaching in many way letics and head football coach, Besides holding a 74-11 coachir makes the wheels turn at North Dakota State University. He is a young and quite successful football coach hired to get the Bison back on its feet.

Mudra has completely changed

the athletic outlook at NDSU. By planning and orset the stage to where the Bison could become a consistent winner every sport. He has a compe-

who know their pobs and have the

ability to carry them out. The 34-year-old Bison mentor

tent staff working under him has distinguished himself in his



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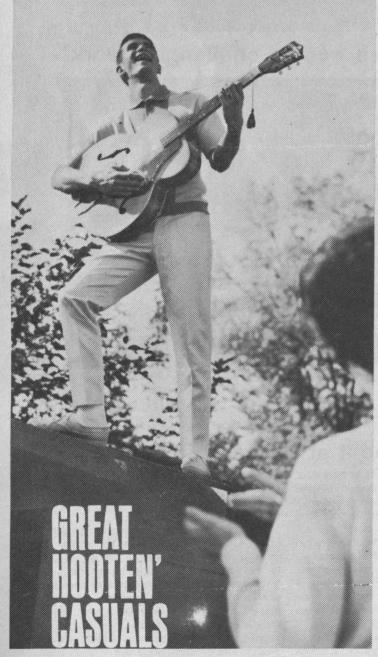
record, Mudra is also well know for his stimulating lectures clinics, banquets, and other affil ated meetings. A 1951 graduate of Nebrask

State Teachers College, in Per Neb., he was named to the Al Nebraska College Conference tear as a fullback two of the three ganizing he has years he participated in varsit ball.

Darrell has no misgivings abou the job ahead, which is to make NDSU a winner. He has set abou the task and the future is looking brighter.

Mudra feels that "every coach has boys he can win with if he convinces them to come closer to their potential.'





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Coach McKee has named a tentative baseball roster. The players picture above left to right are: front row, Ed Hanyzeuski, Bob Lervick, Gary Bunce, Pierre DuCharme, Chuck Olmsted, Al Breuer; second row, Jerry Ahlberg, Bob Beckner, Gary Pender, Wayne Haberlach, Jerry Revinius, Tom Pfaffle; third row, Dal Hertz, Ray Ellingurud, Frank Hentges, John Heath and Wayne Scott. Many more

# SU Students Below National n Fitness Test

Students are well below the na- for next years team. ional norm in physical fitness at NDSU

This was evidenced by a physial fitness test taken by 850 freshmen and sophomore male students, nstead of their scheduled ROTC

Another 20% of the freshmen and sophomore male population at SU did not take the test because of medical reasons. 50% of those tested could not swim.

Track Coach, Tom Neuberger commented: "It is obvious that a physical education program would be of value to our students due to the fact that the group average was well below the national norm." He continued, "It was particularly interesting to me to note that the poorest scores were obtained by students involved in tests of arm

When Athletic Director Darrel Mudra spoke about a compulsory physical education program, he reolied: "There is evidence that regular activity promotes health, prolongs life, and makes life more enjoyable and productive.'

# McCormick Picked as Most Valuable

wrestling team voted Joe McCorat the post season wrestling ban-

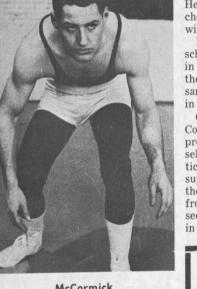
ference tournament he defeated squad.

The members of the varsity | the wrestler who had been picked as the outstanding wrestler of the mick Most Valuable Wrestler. Also, tourney. McCormick then went on to gain the NCC title as champion quet, he was selected as captain in his weight division. He ended the season with a 14-4 overall rec-This year McCormick ended the ord which includes dual matches season as an accomplished cham- and one exhibition. Joe was also pion. In the North Central Con- the high point man on this year's

In his first year at North Dakota State. McCormick was captain of the freshman wrestling team. He wrestled some exhibition matches for the varsity and ended with a 10-4 record for the season.

McCormick wrestled in high school at St. Johns Prep School in Minnesota. He was captain of the team in his senior year. That same year he took the State in Catholic school wrestling.

Coach Tom Neuberger said: "Mc-Cormick has the dedication which produces a real fine wrestler. He seldom fails to stay after a practice for an additional workout. His superb condition was displayed at the conference meet when he came from behind at the end of the second period to pin his opponent in the third period."



McCormick



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# Leavens Levels

by Lynn Leavens



has come to a head. North Dakota State is without a swimming pool and has been for 32 years. Our present fieldhouse has a partially completed swimming pool which needs \$15,000 to finish it.

If students had to pay for this pool, it would cost each of them \$1.25 per quarter for one year. Breaking this cost down over a four-year period, a student swimming once a week would pay less than three cents a swim. The reason this problem has come to a head is that 50% of our freshman and sophomore male students are unable to swim according to the ROTC tests that were conducted by the physical education department.

Golf - Coach Kaiser has scheduled the first meeting of the season for both freshman and varsity candidates for 4 p.m. today in his office.

Football - Spring practice starts in a few days. It will be no place for a lazy footballer.

Track - This is the last year that the conference will be divided into two parts, and a single champion will be declared next year. South Dakota State were repeat winners in the northern half, while State College of Iowa had little trouble winning the southern half of the North Central Conference.

Baseball - Coach Larry Exel has him for the second team.

Fellow students, an old problem scheduled opening practice for the freshman baseball candidates for April 1 at 4 p.m.

> Tennis - Coach Buck Nystrom reports that he has three returning lettermen from last year's conference champions and also two promising new members.

> Around Campus: Tom Neuberger will head the five area coaches picked to conduct the annual Fargo-Moorhead Track Clinic which will be held at the NDSU Fieldhouse on April 6.

Bison Basketball Coach Chuck Bentson spent last week in Kansas City, Mo., for the National Collegiate Athletic Association basketball tournament. We hope Bentson was able to pick up a seven foot center, as we need height.

The lettermen proved their ability in another sport as they won the broom-ball hockey tourney.

NDSU Army ROTC rifle team won first place honors in the National Intercollegiate Rifle and Pistol Sectional Shoot.

Closing Notes: Joe McCormick has joined the ranks of athletes selected by his teammates as the most valuable man in his particular sport.

Pete Spoden may have been over looked by the selectors for allconference honors, but the selectors for Little All-American recognized his ability as they picked

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# Married Students' Wards Will Elect 12 Councilmen And Mayor, March 31

The annual election of mayor | trailors at 5:30 p.m. March 31 and | quist added that as of Friday, and councilmen of the Married picked up an hour later. For off-Students Association will be March campus students, a ballot box will dates 31, according to Bill Berquist, be placed in the Director's Office present mayor.

Six wards will be set up with two councilmen elected from each ward. Each ward will vote for their respective councilmen with everyone voting for mayor. North Court will have two wards; and Bison Court, West Court, Stadium Court and off-campus will each have one ward.

According to Berquist, ballots will be delivered to the units or

# Haugen Elected Vets' Chief

Dennis Haugen, Ag - soph., was elected commander of the North Dakota State University Veteran's Club last Thursday. Other officers elected for the coming year were: John Trenbeath, vice-commander, Ag - soph.; Lawrence Doth, secretary, Eng. - jr.; Robert Franek, treasurer, AAS - sr.; Frank Vaplon, chaplain, Eng - soph.; and Lyle Sorum, sergeant-at-arms, Ag. fr.

The newly elected members of the Executive Committee are Ray Barnhard, AAS - sr.; David Gallagher, Eng - fr.; Herbert Hoffart, AAS - jr.; William Newgard, Ag sr. and Robert Reis, Eng - fr.

Membership in the club is open to all persons who have served 90 days or more of active duty in the armed forces of the United States or its Allies, and who have been separated or discharged under honorable conditions.



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at the Memorial Union.

Berquist stated that anyone desiring to be a candidate for mayor or council from his respective or council from his respective ward must submit his name to the mayor or any councilman before noon on March 28, or his name will not appear on the ballot. Ber-

dates.

#### NOTICES

Important - Art Show



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