

The Spectrum

Vol. LXX—No. 16

NORTH DAKOTA STATE COLLEGE, FARGO, N. D.

January 23, 1959

Leonard Davis Outstanding In N. D. Agriculture

Saddle and Sirloin Picks 'Man of the Year'



Among the many students taking a close look at the art exhibit this past week was Paul Koziey, Winnipeg, Man. The art exhibit "Cross Currents in American Art" is currently being shown in the lounge of the Student Union.

NDSC Gold Star Band To Tour Seven North Dakota Cities, Feb. 6-9

Seven North Dakota communities will be hosts to the North Dakota State College Gold Star Band during its annual concert tour Feb. 6-9.

The 65-member band, under the direction of Mr. Bill Euren, will give concerts in the Oakes armory at 2:30 p.m., Feb. 3; Ellendale high school, 8 p.m., Feb. 3; Jamestown high school, 10:50 a.m., Feb. 4; New Rockford high school, 8 p.m., Feb. 4; Harvey high school, 11 a.m., Feb. 5; Lakota high school, 8 p.m., Feb. 5; and Larimore high school, 2 p.m., Feb. 6.

The program of standard, contemporary, and modern music will include instrumental and vocal soloists and ensembles.

Featured soloists will be Lea Tesch, cornet; Dale Jackson, tenor; and Glenn Bowen, NDSC music instructor, clarinet.

Organized in 1904 by the late Dr. C. S. Putnam, the band has a long record of achievement in the fields of military and concert music.

Senate Sponsors Leadership Clinic

Can students improve a college community through leadership achievement?

This achievement is the goal of the Leadership Training Clinic which will be held from 1-5 p.m. Thursday, January 29 in the Student Union according to Noel Estenson, chairman of the committee.

Bob Crom, Director of Communications at NDSC will be the key note speaker. His address is on "Leadership — Key to Achievement".

There are six discussion topics. They are:

1. Problems of presidents.
2. Student government.
3. Role of students in college administrative functions.
4. How to create interest and enthusiasm.
5. The responsibility of a student leader to himself and others.
6. How to lead a group discussion.

Student Senate is sponsoring the clinic.

Leonard J. Davis of Killdeer, president of the North Dakota Stockmen's Association, has been named "Man of the Year" in North Dakota agriculture by the Saddle and Sirloin club at North Dakota State College.

Davis will be honored at the Hall of Fame banquet Friday evening, Jan. 30, prior to the NDSC Little International Livestock Exposition Saturday. His portrait will be hung in the Saddle and Sirloin Hall of Fame in Shepperd Arena, scene of the exposition.

The members of the Saddle and Sirloin club each year add to the Hall of Fame a man who they feel has made outstanding contributions to the agriculture of the state.

Davis, a former rural school teacher, operates a ranch in the Killdeer Mountains. He has been on the Board of Directors of the Stockmen's Association since 1948.

He is past chairman of the Rural Telephone Association Cooperative in Dunn County and a past master of the Masonic Lodge. He and Mrs. Davis have two children.

The Hall of Fame banquet will be held in the NDSC Memorial Union Ballroom at 6:30 p.m. Friday, Jan. 30.

Reservations may be made by contacting Ronald D. Jacobson of Crosby, business manager of the Little International. His Fargo phone number is AD 2-9952.

Notice

The recital by Mr. Robert Godwin and Mr. Glen Bowen that was to be held Tuesday, Jan. 27, has been postponed until Feb. 27.

Rathmann To Speak At Chemical Seminar

Dr. Franz H. Rathmann, associate professor of Organic Chemistry will speak at the chemistry seminar on Tues., Jan. 27 at 4:15 p.m. in room 204, Ladd Hall. Dr. Rathmann's speech will be on his recent trip to Washington, D. C. and New York City to attend the 125th meeting of the "American Association for the Advancement of Science" and the workshop on "Creativity in Research and Development" conducted under the auspices of the American Management Association.

Dr. Rathmann represented the "North Dakota Academy of Science" at the meeting of the Academy Conference, at the council of AAAS and the local Sigma Xi club at the annual meeting of the Sigma Xi Society.

His report on the American Management Association workshop should be of interest to all.

College Union Will Sponsor Billiards Tourney

The Association of College Unions is sponsoring a National Pocket Billiards tournament. NDSC's tournament is Feb. 2-9. An entry fee of \$1 covers three games of 15 innings each.

First and second place winners receive trophies and will represent NDSC in the region 7 match. First and second regional winners receive an all expense paid trip to the national finals at the U of Ill. in Champaign.

The tournament will go by the rules called "14.1 Point Pocket Billiards".

Those interested should make reservations for the tournament with Leo Klein or Gordie Teigen.

KDSC Picks Schneider

Dennis Schneider, sophomore speech major has been appointed news director of KDSC radio.

He was appointed by David Bragg, station manager, to replace Joe Arquette.

The news director's duties consist of appointing and training newscasters and scheduling newscasts.

Schneider is a pledge at Tau Kappa Epsilon Fraternity.

Puppet Show Due At Convo Monday



DANIEL LLORDS

"Chorus girls" in real chinchilla and mink, not to mention actresses in ostrich plumes and 18 carat gold lame, are part of the unusual puppet revue due at convo Monday at 9:40 in Festival Hall, according to F. G. Schoff of the convocation committee.

Called "Llords' Puppets International," it uses over a mile of string to control the performers, all handled by one man in constant

view of the audience. Special effects like rain, electrical skyrockets, water-playing fountains, and animals of all sorts add to the effect as the wooden dancers and actors are put through their paces.

Billed at the recent NATO anniversary celebration along with Maurice Chevalier and Olivia de Havilland, Daniel Llords, the puppeteer, has been acting himself or handling his puppets since before World War II. During that war he gave over 5,400 hours of entertainment at service camps and hospitals, receiving citations from two presidents for his work.

He and his puppets are world travelers, as he gives performances in French, German, Italian, and Spanish as well as English. Some of his marionettes, which he constructs himself in his Hollywood workshop, are three feet tall or more; and on occasion he manipulates as many as 187 strings at one time.

Subject matter? It can be anything from can-can girls to Shakespeare, according to Prof. Schoff. The program will be announced by Mr. Llords as it goes on.

Llords' puppets will also appear with the Fargo-Moorhead Symphony Orchestra at its concert Jan. 25 at Fargo High School.

Augustana To Present 'Macbeth' Here, Jan. 27

The Augustana College Players will present William Shakespeare's tragedy, Macbeth, on Tuesday, January 27 at 8:15 p.m. in Festival Hall.

This attraction is presented in continuation of a policy adopted by Dr. F. G. Walsh, Chairman and Professor of Speech and Dramatic Art, providing for cultural entertainment. Last year the film, Edipus Rex, was shown as a part of this policy.

The Augustana Players are a very talented and interesting group according to Richard Browning, publicity director. He feels that the evening will be worthwhile to everyone attending.

Admission is free and everyone is invited.

State Board Of Education Authorizes Doctoral Program

The doctoral program at NDSC was authorized this week by the State Board of Higher Education in Bismarck.

The proposed program would authorize the awarding of doctorate degrees at NDSC in the fields of plant science, animal science, pharmacy, and entomology.

The board's approval is one of the steps required to authorize NDSC to begin its doctoral program. The program must also have tentative approval from the North Central Association of Colleges and Secondary School (NCA) in Chicago and the U. S. Health, Education and Welfare Department in Washington.

The NCA gives tentative approval at first and after a few years, in which the college has awarded 10

or 15 doctors' degrees, they visit the institution to consider granting full accreditation for the doctoral program.

Since 1954, SC program has offered masters degrees at the graduate school level with 279 students currently enrolled in the graduate school. The expansion into the doctoral program has been under study at NDSC for some time and the board has found the staff eligible to give the necessary instruction in the four fields.

The doctoral program will result in better instruction at all levels, undergraduate as well as graduate, and it will help to strengthen the quality and variety of offerings at the college, according to Dr. Glenn Smith, Graduate School dean.

From the Editor's Desk

By Loretta Struble

Spinster Skip tonight! There's no excuse for staying home tonight, girls. This is the big chance to ask that guy you've been eyeing for the last month or so . . . It should be a ball. See you there.

Noticed an interesting article in the Fargo Forum this week. The University is taking steps to discourage cheating. This seems to be a universal problem. It was brought out by the special committee that certain groups maintain files of old exams for their members. This is nothing new . . . It's been happening for years.

Within the next two weeks applications will be available in the Dean of Student's Office for editors and business managers of the Bison Annual and Spectrum and director of the Student News Bureau. Election to the positions calls for a written application to the Board of Student Publication and an interview with the Board. Announcement of the new staff heads will be made at the Publications Banquet early in the Spring quarter.

The Student Senate Leadership Clinic this week should help make the prospective leaders on campus aware of the demand for their services.



Dr. Rice, Dr. Milbreath Speak At Third Annual P. J. Iverson Memorial Lecture

Because a plane from Minneapolis to Fargo was late, there were two speakers at the third annual P. J. Iverson Memorial Lecture on Jan. 15.

Dr. Harvey M. Rice, president of Macalester College, was supposed to give the main address, but when the program started, he still hadn't arrived, and so Dr. C. N. Milbreath, co-ordinator of student teaching at Moorhead State College, substituted for him. He spoke on "The Future of Higher Education."

By 1960, he said, the population explosion that is now hitting the high schools will hit the colleges.

He outlined four pressure points concerning the future of higher education.

Most important of these is that

higher education is the pinnacle on which much of the future depends. Sputnik has sent science to a new high in importance.

Secondly, does America believe enough in higher education to pay for it. A big problem is finding the financial resources for higher education.

Another pressure point is that the level of etachers that society demands is constantly being raised.

Milbreath's fourth point was that America has a love for education and what can be accomplished from it.

There is no greater profession than teaching, he said. It provides man with his opportunity to be creative. The greatest need today is for creative teaching and lifting the soul of man, and the answer to higher education lies in the hearts and souls of our teachers.

Just as Dr. Milbreath ended his speech, Dr. Rice arrived. He briefly presented the main points of the address he was supposed to have given, "Teacher Education for the Future."

Rice said the professional quality of teacher education has been growing. Our colleges are seeking to educate professionally minded people with a broad liberal arts background as future teachers.

Peter Anderson, former dean of education at Concordia College, told the audience some of the things he remembered about P. J. Iverson as a co-worker of his. Iverson was a member of the NDSC education department faculty from 1920 to 1952.

U. S. Students Accepted By Russian Officials For Travel Seminars

The Soviet Government's Intourist office has approved a series of four summer travel programs for American students and teachers allowing for 31 days of economical touring in the USSR.

These unique seminars will travel by charter motorcoach from Helsinki along the newly opened highway to Moscow, visiting Leningrad, Novgorod, and Kalinin en route as well as many rural villages and country by-ways, seeing a region which, until only recently, was forbidden to foreign visitors.

From Moscow, the itinerary includes explorations through the Ukraine and then a Black Sea cruise. The groups will visit Kursk, Kharkov, Zaporozhie, Mtsensk, the resort city of Yalta in the Crimea, and Sochi in the foothills of the Caucasus. On departure from the Soviet Union, a three-day tour is included visiting Smolensk, Minsk and Brest along Napoleon's and Hitler's ill-fated invasion route.

These educational tours will also include visits in England, Belgium, Holland, Denmark, Sweden, Finland, Luxembourg, France, plus East and West Germany including the two Berlins, and Poland and Czechoslovakia.

The total length of the tours is 72 days from New York and the all-inclusive cost together with rountrip TWA trans-Atlantic transportation is only \$1697 per person. Each tour is conducted by an experienced American leader having a background in European and Russian history and culture, and each of the tours is limited to 30 members. The tours will depart from New York June 14, June 16, June 21 and June 28.

The Maupintour travel organization of Lawrence, Kansas is sponsoring the tour series and illustrated brochures giving all details may be obtained from Maupintour, or any authorized travel agent.

Publication Offices Open For Applicants

Anyone interested in applying for a publications position can pick up an application blank at the office of the Dean of Students.

Positions open are Spectrum Editor and Business Manager, Bison Editor and Business Manager, and News Bureau Director. Application blanks must be returned to the Publications office by noon, February 13. The interview date will be set later. All applicants must be interviewed by the Board of Publications.

Letters To The Editor . . .

Two weeks ago the Spectrum ran an editorial on the number of credit hours required to graduate from this institution. Last week I received a reply which questioned the mathematics of the editorial. I would like to state here that the weekends were not figured in the first editorial, and this is why the total number of free hours did not coincide with the hours of the reply.

Since then I have looked into the matter further and now have facts and authorization to back up the original editorial. We stated that 204 credit hours required to graduate is too great a load for students to handle efficiently.

Because most chemistry and engineering schools require more than 200 credit hours to graduate, and our schools conform to this number, we would like to confine the discussion to the School of Arts and Science.

Except for a few schools in the United States, most college and university arts and science schools require 180 credit hours plus six hours of ROTC or physical ed. to graduate. According to Dean Seth Russell, dean of arts and science, "This is the standard pattern in land grant colleges." It is also the pattern of most universities and small colleges.

The University of Minnesota requires only 180 credit hours plus military for graduation. The State University of Iowa likewise requires student to take only 15 credit hours a semester. Penn State and Coe College have the same requirements.

College is a full time activity and should be treated as such. It is like a full time job. A student should have eight hours of sleep, eight hours of study, and eight hours for himself.

The philosophy of most arts and science school administrations is that standards are raised when they drop required credits from 18 hours a week to 15, Dean Russell believes. They feel that the student can accomplish more and learn more from each course when this move is made. Schools throughout the country hold this position. Only a few midwest land grant schools haven't conformed to this idea.

Granted, most of us can make a passing mark when we carry 18 hours a quarter, but how many students can find enough time to spend at supplementary books in order to learn the maximum from a course when we carry this number of hours. Schools that have conformed to 15 credit hours a quarter have found students are able to spend more time on each

subject and are able to gain more from their courses.

When a student prepares for six different courses every week, he doesn't have the time to adequately prepare all of them. Especially is this true when an instructor forgets this fact, when he makes homework assignments, or when the student has extracurricular activities or has to work.

Psychologists say that students should engage in dissimilar activities between study periods. A student doesn't have time to do this with an 18 hour load.

If NDSC arts and science school would lower the required hours for graduation in Arts and Science, more would be accomplished and attained.

BOB THOMPSON

A new type of activity card was introduced at NDSC last fall, but even with the latest innovation, that of incorporating an identification picture, the card seems to leave room for improvement in at least this student's estimation.

A series of numbers appear on the card to provide a convenient spot for the ticket-puncher to stamp his cancellation as the student appears for admittance to an athletic event or lyceum program. These numbers probably serve a more useful purpose, which is not immediately evident, but why not really put them to work?

One idea would be to put as many numbers on the card each quarter as there are events for the student to attend. Then allow up to two cancellations for each event until the allotted number is used up. Sound silly? Maybe it isn't.

Quite a few NDSC students are holding down part or full-time jobs while they are attending school. A large number of these students find they must work on Friday and Saturday nights to allow enough time for study. Most of the worthwhile activities that come to our campus occur over the weekend. Consequently, many students never have much of an opportunity to use their activity card, yet they still pay the fee.

It doesn't seem too ridiculous to allow a student to take his wife or date to an activity on the night he has a chance to attend, provided each student gets an equal number of cancellations.

Now we realize the \$10 fee does not actually pay every student's way into every event. It probably just barely allows college officials to bring in some of the high-class entertainment made available each year. Nevertheless, the activity fee represents one-fifth of a resident student's tuition each quarter, and a reasonable return seems justifiable.

As one college official put it, "Your activity card allows you the privilege of attending an event. It doesn't mean you have to go to all of them." He's got a good point, but as long as I'm paying out 10 bucks a quarter, it would be nice to really take advantage of the "privilege".

Sincerely,
Dewey Olson
D8 North Court

THE SPECTRUM

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Med School Applicants Should Take Test in May

Candidates for admission to medical school in the fall of 1959 are advised to take the Medical College Admission Test in May, it was announced by Educational Testing Service, which prepares and administers the test for the Association of American Medical Colleges. These tests, required of applicants by almost every medical college throughout the country, will be given twice during the current calendar year. Candidates taking the May test, however, will be able to furnish scores to institutions in early fall, when many medical colleges begin the selection of their next entering class.

Candidates may take the MCAT on Saturday, May 2, 1959, or on Tuesday, October 31, 1959, at administrations to be held at more than 300 local centers in all parts of the country. The Association of American Medical Colleges recommends that candidates for admission to classes starting in the fall of 1960 take the May test.

The MCAT consists of tests of general scholastic ability, a test on understanding of modern society, and an achievement test in science. According to ETS, no special preparation other than a review of science subjects is necessary. All questions are of the objective type.

Copies of the Bulletin of Information (with application form bound in), which gives details of registration and administration, as well as sample questions, are available from Dr. Frank Cassel, Department of Zoology, or directly from Educational Testing Service, 20 Nassau Street, Princeton, New Jersey. Completed applications must reach the ETS office by April 18 and October 17, respectively for the May 2 and October 31 administrations.

The Spectrum Asked:

At what age do you think you had the ability to remember?

By Lowell J. Anderson Spectrum Photo-Interview



Margaret Platt Sr., A.A.S. Fargo

When I was two and one-half I remember my Dad letting me stay up when there was company.



Martin Omafray Fr., Psych. Wilton, N. Dak.

At the age of four I can remember running away from my mothers spatula.



Jane Higgins Sr., Speech Fargo

When I was about four. I remember being put on a kitchen stool. My mother made me stand there and shell peas.



Mike Brandvik Jr., Animal Husb. Killdeer, N. Dak.

At the age of four I remember running away from home and getting lost.



Karen Lynnes Jr., Home Ec. Leonard, N. Dak.

I remember my aunt's wedding at the age of two and one-half.

Socially Speaking

By Darlene Dietrich

It isn't that I don't like the new title of the column; it doesn't fit me. Lack of originality on my part forces me to rely upon the old title. While Kip was sweating mid-terms, I was sweating this column. It's a draw as to which was the most brain strain during this past bleak week.



Spinster Skip tonight, girls! There is no excuse for that burning dorm light. At my latest tabulation, there were 2,711 men enrolled at NDSC which should mean dates plus for the 585 women enrolled. Adding to the evening's activities will be the Co-ops as they party at the KC Hall in Fargo.

AGR's and KD's exchanged for dinner last Monday night as did also the TKE's and AGD's.

New ATO pledge is Jim Quick of Starkweather. The Taus will be term-partying this Saturday night at the Top of the Mart. At the same time, the TKE's will have their term party at the Avalon Ballroom.

The SAE's entertained the Gamma Phi's last Saturday evening. The theme of the party was Hi-Fi. All came dressed depicting a particular song title. New pledges of SAE include Dan McKinnon, Mapleton, Don Welter, Grafton, and Allan Bervig, Williston.

Many more pinnings again—it seems like that holiday spirit wants to last all year.

Jo Ann Garaas, NDSC Homecoming queen, aroused her share of excitement when she passed the candle last Monday evening at the KD house, announcing her pinning to AGR alum Paul Haugen. During the serenading that same evening, her engagement was announced. Two such surprises in one evening proved to be just about too much for her sorority sisters.

James Well, AGR, pinned Audrey Greenwood of Hensel, N. D. over Christmas vacation. Another AGR, Frank Hughes, is pinned to Judy Hvidsten of UND. Carol Mahle of Fargo was serenaded at the AGR term party last Friday night on her pinning to Eugene Jenson. The AGR's seem to lead the list of balled-and-chained this week.

Candle passing at the Ph. Mu house revealed Lois Nelson's pinning to Clavin Klause, SPD alum.

ATO Dick Lowe is pinned to Jeannie Reardon, Jamestown. The usual serenading with roses and kisses honored AGD Bev Lloyd's engagement to Carl Haas, AGR. Kappa Psi Rick Contos is pinned to Alpha Phi Jane Sheridan of UND.

Theta Chi dream girl candidates are Linda Nelson, Sharon Campbell, Linda Lewton, Mary Lee Moffit, Jane Kaiser, and Jean Jackson. One of these lovelies will be selected for the title during the winter term party at the Top of the Mart, Friday evening, Jan. 30.

Marvin Bachmeier, Roland Grosshans, Donald Morgan, Kenny Hanson, Pat Rosati, Erney Thuring, and Ross Fortier are new actives in Theta Chi fraternity.

Leroy Dybing, Theta Chi alum and field secretary, paid Phi chapter its respectful visit. On report from the traveling secretary, Phi chapter has been asked to send Beta Kappa of Hamline its published book on table manners, since theirs are so well approved by Grand chapter.

Dream man of Alpha Gamma Delta for the year 1959-1960 is Jerry Stockman, SAE.

The AGD's has two new initiates: Kay Klicker of Park Rapids, Minn., and Kathy Maxwell of Fessenden, N. D. Marilyn Alme and Norma Jean Devick became actives of Kappa Alpha Theta, Sunday, Jan. 18.

Word has it from the Kappa Psi house that John Fleck and Pat Stein have pushed the senior panic button!

Definition of a rut: Something you get into when you don't watch

KAT Will Celebrate Founders Day, Jan. 26

Kappa Alpha Theta alumnae and active chapter will celebrate Founders Day, Monday, Jan. 26, with a pot luck supper at the sorority house.

Kappa Alpha Theta was founded in 1870 at DePauw University, Green Castle, Indiana.

Pledges will present a skit depicting the four founders, Alice Allen Brant, Hanna Fitch Shaw, Betty Tipton Lindsey and Betty Locke Hamilton.

Maureen Steigman Is Miss Co. 'H' of Guard

Maureen Steigman, home economics senior, was chosen Miss Company H of the Minnesota National Guard last Monday night.

Maureen will represent company H at St. Paul, Minn. this summer, where she will compete for the title Miss National Guard. The winner of that contest will receive a week long trip to Las Vegas, Nev.

Kay Perkin of Montevideo, Minn. and Shirley Holien of 1020 First Ave. N., Moorhead, are Maureen's attendants. Both of these girls attend Moorhead State College.

Maureen, a member of Kappa Kappa Gamma sorority, is the daughter of Mr. and Mrs. Elmer Steigman of Mandan, N. D.

4-H To Host Party

Measurements of gentlemen's pants and ladies waists will determine the admission prices at the annual party for Short Course students, sponsored by the College 4-H Club, Saturday, Jan. 24 at 8 p.m. in the Student Union ballroom.

Dwight Palmer, 4-H club advisor, will lead recreation and dancing. Lunch will be served.

LSA Mends Clothes For Children's Home

Have you watched a man darn socks or mend clothes?

As a service project, the Lutheran Student Association is mending clothing and darning socks for the Svec Children's Home. Not only the girls, but the fellows are also getting in the act by cutting threads, patching and having a good time with this new experience.

The first session was last Sunday, after the regular evening service. This project will last a month.

Another LSA project is with the Fargo Nursery Home. For this LSA supplies a special music number for the Nursery Home's Sunday morning worship.

Diane Aslakson, Jr., is in charge of this project.

Organized Labor Accepted By Church, According To Seth Russell, LSA Speaker

The church, in general, is in agreement with organized labor, said Seth Russell, dean of applied arts and sciences, at the LSA meeting last Sunday evening. His topic was "The Church and Organized Labor".

He gave a brief history of organized labor and commented that the church had once opposed it because they believed the Bible considered organized labor a sin. Opposition was later dropped because many of the leaders in the church had become leaders in the labor movement, continued Dean Russell.

The formation of guilds by the skilled crafts, such as the copper-smiths, established the idea of to-

day's organized labor. Dean Russell concluded with a question and answer session.

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Want to work on The Spectrum?

See Page 2



On Campus with Max Shulman

(By the Author of "Rally Round the Flag, Boys!" and "Barefoot Boy with Cheek.")

IS STUDYING NECESSARY?

Once there were three roommates and their names were Walter Pellucid, Casimir Fing, and LeRoy Holocaust and they were all taking English lit. They were all happy, friendly, outgoing types and they all smoked Philip Morris Cigarettes as you would expect from such a gregarious trio, for Philip Morris is the very essence of sociability, the very spirit of amity, the very soul of concord, with its tobacco so mild and true, its packs so soft and flip-top, its length so regular or long size. You will find when you smoke Philip Morris that the birds sing for you and no man's hand is raised against you.

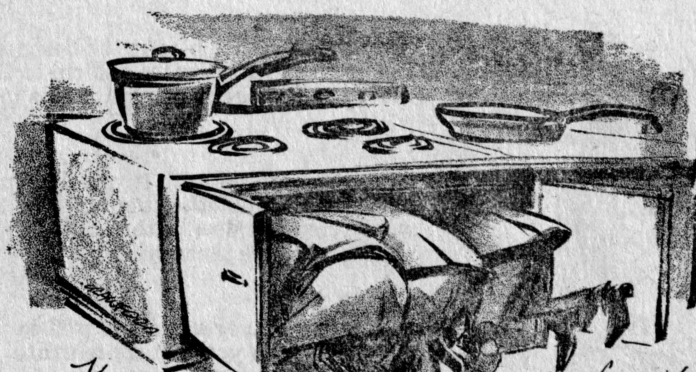
Each night after dinner Walter and Casimir and LeRoy went to their room and studied English lit. For three hours they sat in sombre silence and pored over their books and then, squinty and spent, they toppled onto their pallets and sobbed themselves to sleep.

This joyless situation obtained all through September and October. Then one November night they were all simultaneously struck by a marvelous idea. "We are all studying the same thing," they cried. "Why, then, should each of us study for three hours? Why not each study for one hour? It is true we will only learn one-third as much that way, but it does not matter because there are three of us and next January before the exams, we can get together and pool our knowledge!"

Oh, what rapture then fell on Walter and Casimir and LeRoy! They flung their beanies into the air and danced a schottische and lit thirty or forty Philip Morris and ran out to pursue the pleasure which had so long, so bitterly, been missing from their lives.

Alas, they found instead a series of grisly misfortunes. Walter, alas, went searching for love and was soon going steady with a coed named Invicta Breadstuff, a handsome lass, but, alas, hopelessly addicted to bowling. Each night she bowled five hundred lines, some nights a thousand. Poor Walter's thumb was a shambles and his purse was empty, but Invicta just kept on bowling and in the end, alas, she left Walter for a pin-setter, which was a terrible thing to do to Walter, especially in this case, because the pin-setter was automatic.

Walter, of course, was far too distraught to study his English lit, but he took some comfort from the fact that his roommates were studying and they would help him before the exams. But Walter, alas, was wrong. His roommates, Casimir and LeRoy, were nature lovers and they used their free time to go for long tramps in the woods. One November night, alas, they were treed by two bears, Casimir by a brown bear and LeRoy by a Kodiak, and they were kept in the trees until mid-January when winter set in and the brown bear and the Kodiak went away to hibernate.



...The effects were, on the whole, beneficial...

So when the three roommates met before exams to pool their knowledge, they found they had none to pool! Well sir, they had a good long laugh about that and then rushed to the kitchen and stuck their heads in the oven. It was, however, an electric oven and the effects were, on the whole, beneficial. The wax in their ears got melted and they acquired a healthy tan and today they are married to a lovely young heiress named Ganglia Bran and live in the Canal Zone, where there are many nice boats to wave at.

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And here's a wave at you filter smokers. Have you tried Marlboro—same fine flavor, new improved filter and better makin's—made by the makers of Philip Morris, sponsors of this column?

Drycleaning As You Like It One Day Shirt Laundry Service Serving the College Students for 22 Years



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

NOTICES

MEETING

A Pharmacy meeting will be held Wed., Jan. 28 at 7 p.m. in conference rooms 1, 2, and 3 of the Memorial Union.

FLYING INSTRUCTION

A club is being organized for students interested in flying instructions. Members of the club will receive low hourly rates.

Further information may be obtained from Al Spear at 1340 12th Avenue North, Fargo.

AIEE - IRE

AIEE-IRE meeting will be held on Wednesday, Jan. 28, in room 22 of South Engineering. A Westinghouse representative will speak.

FOR SALE

1954 30 foot American trailer house, one bedroom, with an 8x20 ft. extension. Can be seen at F-1 Stadium Court, NDSC. Dial AD 5-2203.

YMCA

The College YMCA will sponsor an all college chess and pinochle tournament starting Feb. 1.

Entry blanks for the tournament will be sent to the campus dormitories or may be obtained from the YMCA office in the library. These entry blanks must be returned to the YMCA office not later than Jan. 28.

Any NDSC student may enter but there will be a 25 cent fee due at the start of the tournament for non-Y members.

Pairing off of players will be announced Jan. 30.

The winners of the tournament will be named NDSC champions in both chess and pinochle.

CHILDREN'S PLAY

The children's play, "The Witches Lullaby", will be presented at the Little Country Theatre again this Saturday, Jan. 24 at 10 a.m. and 2 p.m.

Tickets are being sold at the Little Country Theatre.

NEWMAN CLUB

Tomorrow night, January 24, the Newman Club will hold a mid-term Mardi Gras dance, starting at 7:30 p.m. A lunch will be served and favors will be handed out at the

door. All Catholic students are cordially invited to attend this eventful evening.

The next regular meeting of the Newman Club will be Sunday, Jan. 25 at 7 p.m. A talk will be given on Religious Function.

UCCF MEETING

Morris Longballa and Lyle Baker will discuss the Christian faith at the United Student Christian Fellowship at 6 p.m. Sunday at the Plymouth Congregational Church, 901 Broadway. Rev. Charles Markman, minister to the NDSC Presbyterians, will conduct the worship service.

All students wishing a ride to the meeting should meet at Ceres Hall at 5:45 p.m. Sunday.

"The Life and Mission of the Church" will be discussed by the study group which meets on Friday at 4 p.m. at the Charles Markman home at 1421 13 St. N.

LOST

ELGIN WATCH, shattered crystal, with a leather band and an inscription on the back "Walsh County 4-H Award '53". It was lost before vacation. Call Bob Miller, AD 5-9846, or turn in to business office.

WESLEY

On Sunday the Wesley Foundation will meet for supper at 6:00 and then go to the motion picture "The Inn of the Sixth Happiness." All those interested in attending be sure to be at the 1st Methodist church by 7:00 p.m.

On Wednesday, Jan. 29, Wesley's discussion will center around "The Importance of Extracurricular Activities to the Student's Life." We feel that this will prove to be a very interesting subject and invite all of our members to come.

LSA

Friday, January 23—Open House at Center.

Sunday, January 25—11:00 a.m. Morning Worship.

5:00 p.m. Lutheran Student Association includes seminars, supper and program with Pastor Jul Quello speaking on "Lodgery".

Monday thru Friday at 12:00 noon to 12:35—Hi-Noon Focus (lunch followed by program). Monday—Miss (Erdmuth) Liz Ellinger of the American Field Service, student at Central High School from Germany will speak. Tuesday—Devotions. Wednesday—Mr. P. C. Sandal, president of the Foundation. Thursday—Mr. Allen Sims. Friday—Devotions.

Wednesday, January 28 — 7:30 p.m.—Inquiry Class (adult instruction). 8:00 p.m.—Bible Study. 9:00 p.m.—Choir Practice.

UCCF

The U.C.C.F. will attend the movie The Inn of the Sixth Happiness with the YM-YWCA Saturday evening. Those wishing to attend meet in the library at 7 p.m.

The skating party originally planned for Saturday will not be held this week.

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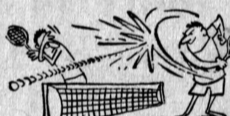
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Do You Think for Yourself? (ANSWER THESE QUESTIONS AND YOU'LL FIND OUT!*)



1. If you get stuck on a crossword puzzle, do you (A) finally refer to a dictionary, or (B) leave the puzzle unfinished?

A B



5. Would you prefer to play tennis with an opponent you know to be (A) not quite so good as you, or (B) a slightly better player?

A B



2. Would you rather be (A) the designer of the first successful space vehicle to the moon, or (B) the first man to ride in it?

A B



6. In deciding whether to see a movie, are you more influenced by (A) what a casual friend tells you about it, or (B) what you know of the cast and story?

A B



3. If you were faced with two tasks, one pleasant and the other unpleasant, would you first do (A) the unpleasant task, or (B) the pleasant task?

A B



7. If you were a multimillionaire, would you rather have (A) everyone know it, or (B) only a very few know it?

A B



4. If you find you aren't doing well in an activity, do you (A) concentrate on it to improve your performance, or (B) devote your attention to things in which you do excel?

A B



8. Do you take more notice of someone's (A) good looks, or (B) good manners?

A B

9. When making your choice of a filter cigarette, do you (A) act on the basis of what someone tells you, or (B) think it through for yourself?

A B



If you're the kind of person who *thinks for yourself* . . . you use judgment in your choice of cigarettes, as in everything else. Men and women who think for themselves usually smoke VICEROY. Their reason? Best in the world. They know that only VICEROY has a thinking man's filter and a smoking man's taste.

*If you checked (A) on three out of the first four questions, and (B) on four out of the last five . . . you really think for yourself!

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Familiar pack or crush-proof box.

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



"Enrichment Of Curriculum" Main Topic Of Lecture By Dr. Gaskell Jan. 15

"Enrichment of the Curriculum" was the title of the lecture at Festival Hall last Thursday.

The main speaker was Dr. Robert E. Gaskell, head of the mathematical research laboratory of Boeing Aircraft Co. He received his Ph.D. from the University of Michigan, and is the author of several books on mathematics.

Dr. Gaskell told an audience of teachers and college students about new techniques in teaching mathe-

matics to students of the fifth grade through high school age groups. He brought out the idea of using slide rules, punched card binary computers, Boolean Algebra, and other demonstration material to make math more interesting to the students.

This concluded a series of lectures by Dr. Gaskell which were sponsored by the Mathematics Department, with Dean A. Glenn Hill in charge.

Outsiders Are Competing With SC Students To Attend Classes In Agricultural Economics

Outsiders are competing with students to attend sessions of an unusual course at NDSC this quarter in the agricultural economics 498 seminar.

Thirty-eight students are registered for the course, but the number attending is about twice this figure. Outsiders attending are instructors, students, and men from downtown farm organizations.

Five more seminars on agricultural adjustments in North Dakota will be held this quarter, according to Mr. Walter L. Wilson, associate professor of agricultural economics. They are held at 4 p.m. every Thursday in room 215 of Morrill Hall.

The topics are discussed from the general position that the price-cost squeeze has continued to grow in industry; farm income is declining, relative to non-farm income; farm costs are increasing relative to farm prices; and farm output exceeds effective demand for farm products.

Speakers are NDSC staff members, representatives of govern-

mental agencies, private institutions, and farm organizations, and farmers.

The Lippincott dancers entertained at convo last Friday and held a well-attended afternoon workshop sponsored by Orchestis club. The workshop was held at the NDSC Fieldhouse from 3:30 to 5:30. Approximately 150 students attended.

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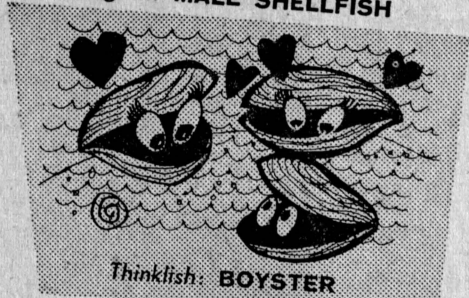
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English: MALE SHELLFISH



Thinklish: BOYSTER

LYNDON DE BORDE, U. OF N. CAROLINA

English: WOONG TECHNIQUE



Thinklish: HEARTISTRY

BRUCE MITZAK, CASE INSTITUTE OF TECH.

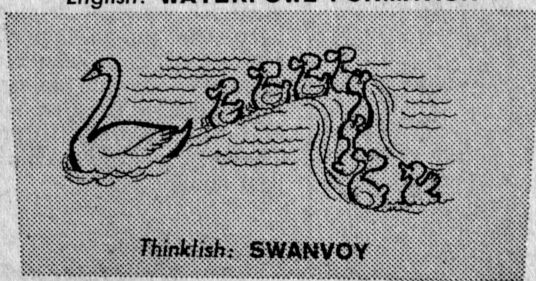
English: TALKING INSECT



Thinklish: MUTTERFLY

DELLMEN HECHT, SYRACUSE

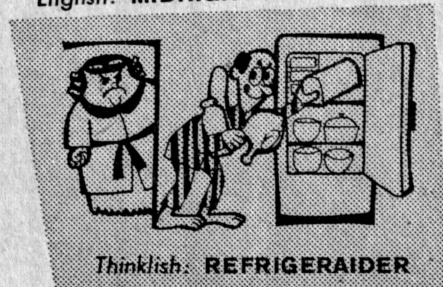
English: WATERFOWL FORMATION



Thinklish: SWANVOY

ROGER JENNINGS, U. OF CAL.

English: MIDNIGHT SNACKER



Thinklish: REFRIGERAIDER

HARRIET DOYLE, MARYLAND

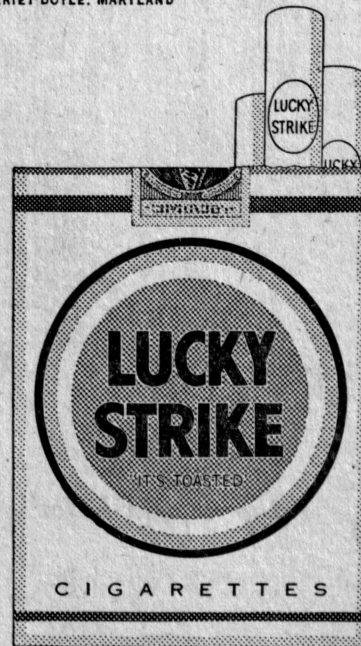


English: MAN WHO CONDUCTS POPULARITY SURVEYS

Thinklish translation: This fellow knows more about polls than a telephone lineman. When someone starts, "Hail, hail, the gang's all here!"—he counts noses to make sure. If he canvassed women, he'd be a *calculator*. If he totted up crimes of violence, he'd be a *stabulator*. Actually, he checks on the popularity of Luckies, and that makes him a *lauditor*! His latest survey makes this heartwarming point: Students who want the honest taste of fine tobacco are unanimously for Lucky Strike!

Get the genuine article

Get the honest taste of a LUCKY STRIKE



Product of The American Tobacco Company—"Tobacco is our middle name"

John C. Hanson Joins Horticulture Staff

John C. Hanson has joined the staff of NDSC and the Experiment Station as assistant professor of horticulture.

Hanson comes to NDSC from the Potato Research Center, East Grand Forks, Minn., where he was an associate horticulturist. He will devote his time to instruction and research on potatoes.

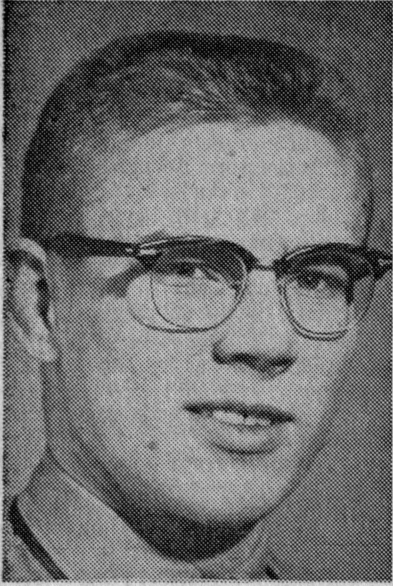
A native of Kansas City, Mo., he received his B.S. degree from the University of Missouri and his M.S. degree from the University of Maryland.

Fargo Forum Sports

stories are widely read thru out the area due to the interesting way in which they are written. Sports events thru out the nation and the world receive the attention of our sports department. So, wherever or what ever the sporting event may be, you can be sure The Fargo Forum and Moorhead Daily News will carry the details.

THE FARGO FORUM
Moorhead News

Johnson Named Athlete Of Week



wrestles in a weight class often higher than his. Neuberger describes Johnson's character as being definitely individualistic and he is never at a loss for words. His presence seems to be conducive to promoting team spirit.

Bison Drop Two Over Weekend

The North Dakota State Bison lost to Augustana and South Dakota State last Friday and Saturday by scores of 80-70 and 68-58 respectively.

AUGUSTANA RUNDOWN:

Coach Chuck Bentson was disappointed with the team's defense in this game. He said that they played their worst defensive game of the year against Augustana. The Bison were unable to contain the Auggies sophomore ace, Bob Swanhorst, who tallied 24 points for the evening.

The team was hurt in the first half when John Foss re-injured his ankle and then fouled out in the second half.

According to Bentson, the most glaring problem facing the Bison was their lack of scoring in the front line. He also stated that he believes that Augustana has an underrated team.

Marv Bachmeier led the Bison scoring with 28 points.

SOUTH DAKOTA STATE RUNDOWN:

The Bison played one of their better defensive games of the season in holding the South Dakota State Jackrabbits to only 68 points on their home court.

Bentson revamped his lineup and went with more underclassmen than usual. He was pleased with the performance of Harold Anderson and Harry Anderson, and stated that they both indicated good potential and are capable of offensive help whenever the team is in need.

He was pleased with the scoring of Bachmeier, who chalked up 32 points and Hill, who brought down 28 rebounds in the two games and played steady ball all the time.

Two Wins And One Loss Are Recorded By Bison Wrestlers In Matches Last Weekend

The North Dakota State College wrestling team went on the road last weekend and returned with two victories and one defeat.

The Bison edged Stout State 20-19 at Menomie, Wisconsin, stopped Wisconsin State 19-13 at River Falls, Wisconsin, but lost to Winona State 33-3 at Winona, Minnesota.

Coach Neuberger commented that the boys wrestled well and met the challenge at Stout, but said he was disappointed in the showing at Winona. Said Neuberger, "Bob Croak, Frank Johnson, and Jon Bredeson did an outstanding piece of wrestling when they were called upon to wrestle above their weight classes when Jerold Nelson became sick and was unable to make the trip.

"I hope," continued Neuberger, "that this trip improved the team's wrestling skill and spirit so that we can make a comeback against Minot State this weekend after they humiliated us 22-8 before Christmas."

The Bison wrestling team will be at Minot tonight and at Jamestown tomorrow afternoon.

The Results:

NDSC 20, Stout State 19

123 lb.—Marv Jensen, NDSC, pinned Myron Tubbs, Stout State, 3:58.

131 lb.—Glen Holte, NDSC, won by forfeit.

137 lb.—Larry Van Scikle, NDSC, pinned Frank Toth, Stout State, 2:36.

147 lb.—Jerry Holobute, Stout State, decisioned Jon Bredeson, NDSC, 10-0.

157 lb.—Frank Johnson, NDSC, pinned Frank Zabo, Stout State, 5:38.

167 lb.—Lyle Buss, Stout State, pinned Bob Croak, NDSC, 4:04.

177 lb.—Leon Stephenson, Stout State, pinned Jim Heising, NDSC, 2:00.

191 lb.—Bob Raczek, Stout State, decisioned Don Remillong, NDSC, 7-3.

Hvy.—Bill Doane, Stout State, decisioned Larry Roehl, NDSC, 7-0.

NDSC 19, Wisconsin State 13

123 lb.—M. Jensen, NDSC, decisioned J. Braun, Wis. State, 12-2.

130 lb.—G. Holte, NDSC, pinned B. Willis, Wis. State 4:28.

137 lb.—L. Van Sickle, NDSC, decisioned D. Diedrich, Wis. State, 7-0.

147 lb.—P. Mrotek, Wis. State, pinned J. Bredeson, NDSC, 2:55.

157 lb.—F. Johnson, NDSC, pinned B. Nelson, Wis. State, 2:28.

167 lb.—B. Croak, NDSC, decisioned A. Flannum, Wis. State, 4-2.

177 lb.—J. Drummy, Wis. State, pinned J. Heising, NDSC, 6:40.

Hvy.—L. Julien, Wis. State, decisioned L. Roehl, NDSC, 5-2.

Exhb.—D. Remillong, NDSC, decisioned R. Brett, Wis. State, 5-1.

Winona State 33, NDSC 3

123 lb.—John DeLozier, WSC, pinned Marv Jensen, NDSC, 2:50.

130 lb.—Doug True, WSC, pinned Glenn Holte, NDSC, :24.

137 lb.—Glenn Johnson, WSC, decisioned Larry Van Sickle, NDSC, 6-2.

147 lb.—Dale Vagts, WSC, pinned Jon Bredeson, NDSC, 1:05.

157 lb.—Frank Johnson, NDSC, decisioned Dean Sanderson, WSC, 4-2.

167 lb.—Emery Johnson, WSC, pinned Bob Croak, NDSC, 2:37.

177 lb.—Rog Helgerson, WSC, pinned Jim Heising, NDSC, 5:50.

Hvy.—Jerry Wedemier, WSC, pinned Larry Roehl, NDSC, :36.

Exh.—Paul Evanson, WSC, pinned Don Remillong, NDSC, 4:15.

All boys who missed the organizational track meeting last Wednesday night but plan to participate in track see coach Tom Neuberger. The first competition will be the first part of March.

Bowling Team To Host U of M Saturday In Union

NDSC bowling team hosts the University of Minnesota in a face-to-face meet this weekend at 1:30 in the Memorial Union.

The record up to date for the team stands at 13 wins and three losses in the Louis C. Strack League, and 11 wins and one loss in the Region "7" league.

According to Gordy Teigen, bowling coach, the team is not directly connected with college sports, but is in a sense a branch of the intramural program. Until the team is officially recognized as such by the athletic board, they will operate in the manner used now.

It is a member of two leagues, the Louis C. Strack League, named after a prominent North Dakota bowler, and the Region "7" league, made up of colleges in North and South Dakota, Minnesota, and one school in Wisconsin. This is the team's third year in both leagues.

The team is picked from the intramural participants. It has eight regulars and one alternate who assists the coach. They are Lowell Barnum, Loren Strangeland, John Sawyer, Bob North, Ed Mac, DuWayne Bonanyk, Chuck Hernet, Jim Walline, and Stan Sweet.

Due to the fact that funds are limited, many of the matches played are of the postal or telegraphic type as distinct from the face-to-face meet. In a postal match, both teams bowl at their own respective campuses while a face-to-face match is played at one school.



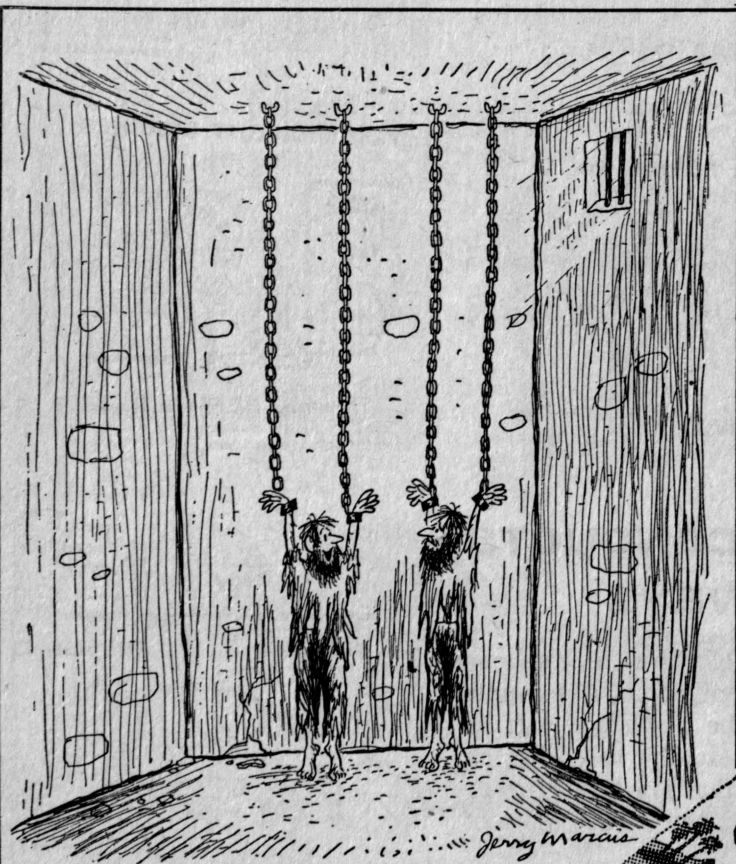
IN A PIN'S EYE—Spectrum readers have a chance to get a "pin's eye view" in this unique Spectrum photo. Pictured is Howard Nichols as he attempts to pick up a split, on the Union bowling alleys. Actually the picture was posed and two exposures were taken on the same sheet of film to get this perspective. Spectrum photographer Lowell J. Anderson made the shot by first focusing on the pins and making one exposure, then taking another exposure with a flash directed at the bowler and ball.

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Bentson still feels that the Bison can finish high in the conference. If the team can win one or two of their games over the weekend, they should be able to finish higher in the standings than they did last year. Last year the Bison tied for fourth.

This weekend the Bison meet Morningside and South Dakota University. Morningside has three of the top five shooters in the conference. They are Gary Erwin, Ken Stripling, and Gary Koklbach.

SDU has the top defensive record with an average of 53.2 a game scored against them. They also have two good shooters in Tom Milan and Luther Turnor. As you remember, they were the two colored boys who ripped our game wide open when SDU was here.

The team seems to be in good spirit as they head south for the weekend. A big factor in both games will depend on the service of John Foss who is still troubled by a bad ankle.

Bachmeier, the conference scoring record holder, gave two outstanding performances last week. Neither team could hold him down, and he tallied a total of 60 points on the two game trip. He leads the conference in both field goals and free throws with a 28.8 average a game in field goals and 79.7 percentage in free throws.

Bentson stated that in future games he is going to concentrate on a defensive game and ball control. He feels that the Bison don't have

the scoring strength to compete in a fast ball game.

The wrestlers will have a meet at Minot tonight and Jamestown tomorrow. Tom Neuberger said that if the trip last weekend improved the wrestling and the spirit the grapplers should make a good showing both nights this week.



Tennis Notice

Anyone interested in varsity tennis should see Mr. Irv Kaiser as soon as possible.

Welding Short Course To Be Taught At NDSC Beginning Monday, Jan. 26

An evening short course in welding will be offered at North Dakota State College for five weeks, beginning Mon., Jan. 26.

The course, which is GI-Bill approved, may be taken by either beginners or advanced students. It

will meet every Monday, Wednesday and Friday from 7 to 10 p.m. in Room 114, South Engineering Building.

The course instructor, John H. Forrer, will teach both arc and gas welding. He is a member of the NDSC faculty and has had more than 30 years experience in industry and in educational institutions.

Anyone interested in the course should contact Forrer immediately. The cost is \$50. A maximum of 15 students will be accepted.

Birthday Cakes Offered By ISA

The mystery of the forms asking for birthday, parents' name and address, filled out at winter quarter registration, was revealed recently by Marilyn Sten, president of the Independent Student Association.

The forms, filed by date, are used by the ISA in offering birthday cakes to NDSC students. Cards are sent to parents telling them that they can order a cake to be delivered to their son's or daughter's local address.

The cakes are baked and delivered by the Brownie Bakery. The ISA receives 20 percent of the cost.

4-H Group Formed

A state 4-H foundation was initiated by a group of citizens in a recent meeting at NDSC. The foundation's objective was named—"to foster and promote 4-H club work in North Dakota."

Speaking at the organizational meeting, NDSC President Dr. Fred S. Hultz pledged the help of the NDSC foundation until it starts moving under its own power.

According to Craig Montgomery, state 4-H club leader, some of the objectives that North Dakota's Foundation hopes to work toward include a 4-H center or centers, leadership training and a scholarship program.

Baby Bison Top Last Two Games

The Baby Bison continued their winning streak by beating Mayville J.V.'s 82-75 and Valley City J.V.'s 72-56. The top scorers for the Baby Bison in the Mayville game were Ken Lehr from Columbia Heights, 23, and Dave Hummel from St. Mary's of Bismarck, 16. They are both guards.

In the Valley City game Ken Lehr was the top scorer with 21.

Rabbits Hunted

Boom! Boom! Another rabbit lies dead in the snow.

This has been the scene in the NDSC horticultural test plots as horticultural hunters man a double barrel 12 gauge shotgun this winter.

Head huntsman for the department, Chuck Nelson, says that a total of 12 rabbits have already been killed and that the hunting will continue until spring.

The purpose of the rabbit hunting is to prevent damage to the trees and shrubs in the test plots.

LCT Notice

"Cinderella" will be presented at the Little Country Theater, Feb. 17 and 24 at ten a.m. and two p.m. It is part of the Children's Theater program.

Martha Connolly is director with Bev Rockwood as assistant director.

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Does this seem like a rather bold prophecy to be thrown out at the outset of a new year? It does if you realize that the statement was made by Hugo Gernsback, editor of Radio-Electronics magazine, as early as 1945.

Mr. Gernsback informs in a December issue of his magazine that this statement in 1945 was considered arrant heresy to most orthodox teachers, and that he was roundly denounced for his "dreams". He adds that as late as 1956 most educators were doubtful of mass teaching via television. However, as 1958 drew to a close, the redubtable seer, as he was referred to by columnist Inez Robb, could look with pride to his early prediction as significant steps in the right direction built up cold facts in his favor.

Mr. Gernsback, in his editorial, uses figures based on the July, 1958 survey by the Joint Council on Educational Television to state that between 60,000 and 75,000 students of all ages obtain a part of their education by closed-circuit television. This instruction comes in about 500 individual schools of all types and may be as little as one hour a week or as much as two hours a day.

Between 8,000 and 10,000 schools now make use of on-the-air television instruction. One of every four students enrolled in the United States view television at some time in school. There are 37 television stations owned by educational institutions and at least 75 per cent of the more than 500 commercial television stations now have varied educational programs. The

National Broadcasting Corporation recently began the first nation-wide college-credit telecast in a course in advanced physics. This course is being carried by WDAY-TV in Fargo.

Dr. Alexander Stoddard, who for 10 years was chairman of the Educational Policies Commission of the National Education Association, says the most significant thing going on in America today is the project inaugurated in 1956 in Hagerstown, Md. Here, 6,000 children in 6 elementary and 2 high schools are being educated via a local closed television network.

Mr. Gernsback further advises that to have a completely workable system, closed networks are necessary, along with color television and wall projection of the picture. He adds that we now have a sufficient number of good teachers to instruct millions in the United States via teleducation. It is the hope of sincere educators behind the idea that projection manufacturers will see fit to mass-produce classroom television production equipment at a reasonable cost to school systems.

It seems fitting for college students, who are constantly being made aware of the shortage of good teachers, to reflect upon this remarkable method of educating by mass communication. Assuming that a nation-wide technically integrated closed-circuit network is made accessible to the greatest teaching talent in our country, many shortcomings are still evident. Not the least of these is the problem of not being able to ask a question when the student is in doubt, or of having a point cleared up after class by the instructor.

This could be a great step forward in education that will be hailed in years to come. Or it could be another step toward automation. It's something to think about.

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CAMPUS INTERVIEWS

WEDNESDAY, FEBRUARY 4

Appointments should be made in advance through your College Placement Office

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Placement Service

Wednesday, Thursday & Friday
January 28, 29 and 30, 1959

Westinghouse Electric Corporation will interview primarily electrical and mechanical engineers; however, they will be happy to see any prospective graduates who would like to talk to them. They have many openings in the frontier areas of electronic control and communication, atomic power, solid state engineering and thermo electric phenomena.

Friday, January 30, 1959

Hughes Research and Development Laboratories, Hughes Aircraft Company, Culver City, California will be primarily interested in interviewing electrical engineers for communications, micro-waves, radar and electronics. Openings also exist for aeronautical and mechanical engineering graduates at a M.S. degree level. Mathematicians are employed in computer and guided missile activities.

Western Electric Company has indicated a current need for electrical engineers. The position involves work on communications and data equipment for the SAGE defense system. Accepted applicants will undergo a brief training program and then be assigned to the Grand Forks, North Dakota area. March graduates from electrical engineering are requested to contact the Placement Office and you will be placed in direct contact with the Western Electric Company. Experienced electrical engineers are also needed and are requested to contact the Placement office.

Hertel Encourages Students To Apply For Fulbright Grants

More than 8,000 scholarships and fellowships are available for graduate study in arts and science institutions of higher learning.

This fact was disclosed in a speech given by Dr. Leo Hertel to Sigma Alpha Epsilon fraternity a week ago yesterday. Dr. Hertel is the head of the scholarship committee on campus and is on the board which picks Fulbright scholarships for Germany.

The purpose of the talk was to encourage more students to apply for scholarships. He stated that grades are not the only important factor in applying for a scholarship. If an applicant has taken part in campus activities or works, he has as good a chance or even a better chance than a straight four point student.

One of the criteria for a scholarship is to be able to adjust to society and to be able to adjust to campus life. Extracurricular activities prepare a student for this.

Dr. Hertel stated that, "If students who are interested in a foreign scholarship or any scholarship would come to me when they are freshmen or sophomores, I could help them prepare. Here is a chance for them to study and get paid at the same time. Some of the scholarships pay as much as \$2,500 a year and last as long as the student stays in school."

'U' Of Hawaii Offers Tour Of Japan And Other Parts Of Orient For Summer Study

A 44-day study tour of Japan, Formosa, Hong Kong, Macao and Manila has been announced for the summer of 1959 by the University of Hawaii. The tour will be listed in the 1959 summer school catalogue of the University of Hawaii as, Asian Studies S320, under the tutorage of Dr. C. K. Cheng, Professor of Sociology at the University, and will carry five graduate credits. It is open to teachers, students and mature adults. Participants will depart the mainland June 9th aboard the SS President Cleveland for Honolulu and depart Honolulu on the same ship on June 16th and arrive at Yokohama June 25th for a 17 day study tour throughout cultural Japan.

From Japan, they fly to Taipeh, the capital city of Formosa and the fortress-refuge of the Chinese Nationalist Government. From Formosa, they fly to the British Crown Colony of Hong Kong and visit the new territories which spread to the border of Red China.

The Portuguese Colony of Macao is 40 miles Southwest of Hong Kong and the group makes an excursion of this tiny peninsula, the oldest remaining foreign colony in the Orient.

Leaving Hong Kong the group will fly to Manila for a five day visit of that capital and the Philippine Republic. From Manila, the group will fly back to Honolulu, to the Manoa Campus of beautiful University of Hawaii to wind up the course by August 1st.

Complete information on the program and its special rate is available by writing to: Orient Study Tour, 2275 Mission St., San Francisco 10, California.

Bison Room Repairs To Be Completed By Early February

The present plastic covered hole in the Bison Room wall will soon be replaced by doors leading into the addition to the Bison Room. This room, which is scheduled to be put into use in the early part of February should alleviate much of the present confusion and waiting in line. A complete kitchen will be furnished in the addition. This will take care of the "special line" while the present kitchen will be used for short orders.

The new kitchen, in addition to having a walk-in freezer and complete preparation units, will have hot and cold pass-throughs, and a steam table facing the line, a more efficient arrangement than the present one.

The addition will more than double the present seating space. The room, which can be closed off from the present Bison Room for cleaning or after the rush hour, will be furnished with tables and chairs from the ballroom dining room.

A new dishwasher will be installed which will aid the self-busing of dishes. There will be two cash registers, one for each line. The fountain will remain in the same place.

Architect Society Plays Host To Graduates

Four Fargo-Moorhead architects were guests of the NDSC chapter of the American Institute of Architects at a social hour Tuesday evening, Jan. 13 in the South Engineering Building.

The architects, all NDSC alumni, are Herman Skaret, president of the North Dakota chapter of the A.I.A., Cyrus Stadsvold, Leon Hagerott and Robert Metz.

Movies on aluminum and glass were shown. Members of the student chapter served coffee and doughnuts.

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"Front Page", Vet's Play, Set for Feb. 3-7;

Buy Tickets at Little Country Theatre

Problems, problems, problems! Where to put Earl Williams was a problem facing the property crew of the latest Vet's show "The Front Page." The script called for a large roll top desk to hide the escaped murderer, Earl Williams, from the police. Though the idea is unique, a suitable roll top desk proved hard to find. Persons were questioned, telephone calls were made, all potential leads were tracked

down, only to prove fruitless. Only after covering all of Fargo and Moorhead was the ideal desk discovered—right in the basement of Dolve Hall! Come and see the real antique roll top desk Feb. 3, 4, 5 and 7 and at the same time see "Front Page"—a real double attraction!

Tickets are 75c and can be purchased from any vet, at the Little Country Theatre or at Daveau's.

If You Have Spare Time Entertain Your Friends With Numbers And Figures

If you can add four-digit numbers, do long division and smile mysteriously, you have all the talent needed to be an amateur magician.

You can guess a stranger's age and year of graduation, solve number puzzles and entertain your friends by mastering a few numerical techniques suggested in a recent Interchemical Corporation pamphlet.

Start by learning to guess a secret number. Ask someone to think of a number (his age, or date of graduation) without telling you what it is. Then have him multiply it by 2 add 4, divide it by two, add seven, multiply it by eight, subtract 12, divide it by four, and subtract 11.

Ask him his result. As soon as you hear it you can tell him his original number. Just take his result and subtract four. Then divide it by two. It works every time.

In the world of numbers, things aren't always what they seem to be. Few people realize, for instance, the difference that exists between two large numbers such as 100,000 and a billion.

If you counted one number every two seconds for eight hours a day, five days a week, you would pass 100,000 in less than two weeks. But if George Washington had started counting at the same rate of speed when he was 26 years of age, he would be even three-quarters of the way to a billion if he were alive and still counting today.

Maybe you knew that a stack of 100 one-dollar bills was three-eighths of an inch thick. But did you know that a billion one-dollar bills would be about 59 miles high? That's more than ten times higher than Mt. Everest, the highest mountain in the world.

Heres' a trick that will make you a mindreader. Ask someone to write down four numbers on a piece of paper. (a) The year of his birth. (b) The year of some other big event in his life. (c) how old he will be on Dec. 31 of the current year. (d) The difference between the year of the big event in "b" and the current year.

Ask him to add up his four numbers. While he's adding, you will scribble down a number on a piece of paper, fold the paper and lay it on the table. When he's finished, he opens up your folded paper and finds that you have already written his total.

Here's how it's done. Think about the four numbers you asked him to write down. "a" plus "c" will always equal the current year. "b" plus "d" will always equal the current year. The answer will be, in all cases, two times the current year.

Try these on your friends and family. See how easy it is to have fun with figures.

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Trangsrud Prexy Of Sigma Alpha Epsilon

Charles Trangsrud, senior in agriculture, has been elected president of Sigma Alpha Epsilon fraternity.



Other officers elected are: Duane Enger, vice president; Victor Thompson, secretary; Paul Rupert, herald; Darryl Willison, chaplain; Ted Borchert, chronicler; John McClain, corresponding secretary; James McDonald, steward; Bill Paul, house manager; John Kocourek, social chairman; Dean Forseth, alumnae secretary; and Phil Thiel, pledge trainer.

Judges Chosen For Little International

Four prominent upper Midwest livestock men have been chosen to judge at the 33rd Little International, according to Gerald Gernholz, manager of the show.

Judging the dairy division will be Durwood Otterness. Mr. Otterness is a Brown Swiss breeder from Tower City, N. D.

A. H. Ellenson from Oakes, North Dakota will judge the swine division. Mr. Ellenson is a noted breeder of Spotted Poland Chinas.

The sheep division will be judged by Gordon Clow from Lancaster, Minnesota. Mr. Clow is a Hampshire sheep breeder.

Orville Stanley, a shorthorn breeder from Kintyre, North Dakota, will judge the beef cattle division.



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