Law Officer Training
To Be Held At SU

Beginning January 28, at North Dakota State University, Bismarck, N.D., the North Dakota state highway patrolmen and other law enforcement officers will train for the administration of the breath test on drivers arrested for suspicion of driving under the influence of an alcoholic beverage.

Richard W. Prouty, state toxicologist, said that about 30 law enforcement officials will be attending. Each Dakota will receive a 45 hour training course in conducting breath tests with the Breathalyzer, an instrument used for analyzing alcohol in samples of breath. The course consists of both lecture periods and laboratory sessions.

"R. F. Borkenstein, chairman of the Department of Police Administration at Indiana University, Bloomington, Indiana, who designed and developed the Breathalyzer, will be one of the main instructors of the course held at NDSU," said Prouty.

Prouty stated that the course was set up by the Traffic Institute of Northwestern University, Chicago, Illinois, to train law officers in conducting chemical tests for intoxication. Besides Borkenstein and Prouty, two members of the Traffic Institute will instruct the law enforcement officers. They are John H. Drage, supervisor of police unit courses, and R. L. Donigan, legal counsel for the institute.

In pointing out the significance of the problems in chemical testing, Prouty said that the results of a breath test are admissible evidence in court, and if a person is found guilty as charged, he is subjected to the “embarrassment and possible revo­

Ligation of his license to drive, and knows exactly what’s going on.”

Developed in 1954 by Borken­

gest, the Breathalyzer is used throughout the U.S., Canada and a half dozen European countries, said Prouty. There are approximately 20 of the Breathalyzers in North Dakota, now located in the highway patrol, county sheriff’s offices and municipal law enforcement agencies.

The Breathalyzer, explained Prouty, analyzes breath samples by first trapping a definite volume of the subject’s expired air. This trapped air is then transferred into a chamber containing a measured volume of a chemical solution. The resulting reaction of the alcohol in the breath, if present, with the solution will cause a change in the transmission of light passed through the solution. The light is measured quantitatively by photometric cells. The alcohol content is reflected on a calibrated scale of the instrument in terms of per cent of alcohol in the blood of the individual being tested.

In the Breathalyzer, alcohol in the blood can be measured by a breath test, and there is an established ratio between the concentration of alcohol in the blood of an individual and the alcohol concentration in his breath.

Director Of Memorial Union
Accepts Position In Iowa

Dale Brostrom, director of the Memorial Union at North Dakota State University, has resigned effective January 1, 1964, to accept the presidency of the Iowa State University Memorial Union.

The announcement concerning Brostrom’s resignation was made by John Carlson, Jr., president of the Memorial Union Board of Directors. After receiving the news, Mr. Carlson expressed regret at Brostrom’s leaving and said the University will miss his leadership on campus.

Brostrom has directed the Union’s activities since November, 1953, when the building was erected. He served on the Board of Directors and was on the original planning committee, a member of the Board of Directors, and was on the original planning committee, a member of the planning committee, and a member of the original committee, and a member of the committee.

Six Staff Appointments
Recently Approved At SU

The State Board of Higher Education recently approved six staff appointments at North Dakota State University.

A new position, Civil Defense Specialist, has been created with Maurice W. Erwin serving in the capacity. The position is the result of a request of the Department of Defense and the Federal Extension Service to assume additional responsibilities in the area of rural defense.

Another appointment is that of Anderson who has been working part time at NDSU since 1955, specializing in political science and economics with the North Dakota Wheat Commission. He now has the responsibility of his new position, which is to work on a part-time basis for the North Dakota Wheat Commission.

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Ellelendale Situation Draws Student Comment

With the bill Senator Elton Ringsak, R-Walsh, intends to propose at the state legislature early in the session, North Dakota has a chance to meet head on the problem of the high school dropout, which concerns school administrators and sociologists from coast to coast.

Ringsak’s bill submits a change of the function of Ellelendale State Teachers College to a technical school for students below college level. The Fargo Forum quoted Ringsak as saying “The program would be similar to that of the State School of Science at Wahpeton, but on the high school level and not on as broad a scale.”

North Dakota’s Board of Higher Education recently recommended that the institution be declared a junior college by the State Board of Education. The same recommendation was made by a three-member survey team of out-of-state educators and by a citizens committee of North Dakotans.

A student is not willing to continue his education in our public schools if the institution is to continue as a college with the possibility of leaving it for a technical school. He is under the impression that he can continue his education at the technical school to the level of a successful college student.

Ringsak pointed out that state law requires a youth to attend school until he is 16 years old, but often they are “misfits” in the regular high school program. At Ellendale, with the excellent equipment for instruction in industrial arts, he said, they would be given an opportunity to work with their hands and in many instances go out as productive citizens.

A high school education is considered minimal as an educational requirement for most state-factory employment. You don’t get a job or some special training in a skill, a youth is virtually unable to secure and hold a position in any lasting vocation. The demands for unskilled help increases each year, while the number of dropouts increases steadily.

When turning to finances, the bill makes sense. Ringsak said the state program would provide $168 each year per student enrolled. His answer to the estimated remaining educational tab, $400 per year for each student, is for the state school district of the student to collect. He bases this figure on the average cost per student on a statewide basis.

Rather than to “stumble along with the additional burden of supporting a dying institution,” as one writer put it, North Dakota can very neatly turn a liability into an asset and extend a helping hand to young citizens who find it difficult to adjust to the course of study offered in our high schools.

When no one would question the wisdom of providing free public schools for their children, it is not stretch of the reason to wish to provide educational opportunity for those who will find their degree of success in the trades.

David Nesvold

Dear Editor:

I am Waiting for engineering to be electric rather than mechanical.

I am Waiting for a friend to Greek me.

I am Waiting for an end to Greek mythology.

I am Waiting for the for non-Greeks to become independent.

I am Waiting for a leader to show his face and wash his hands.

I am Waiting for a good solvent for lead other than C2H5OH (alcohol).

I am Waiting for venetian-topped tables to wear out.

I am Waiting for pillows in some classrooms.

I am Waiting for the challenge for ideas.

I am Waiting for ideas.

I am Waiting for students to pull their heads out of the sand.

I am Waiting for a good story.

I am Waiting for an article.

I am Waiting for the non-Greeks to become independent.

I am Waiting for a leader to show his face and wash his hands.

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I am Waiting for students to pull their heads out of the sand.

I am Waiting for a good story.

I am Waiting for an article.

I am Waiting for response — anonymous.

The Spectrum

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Editor-in-Chief: Dora Iva Gault

Associate Editor: Joe Schneider

Sports Editor: David Pollock

by Roman Klein

When you and I are graduated from this institution, we will not only face and the cold world that we’ve been warned about many years. One of the first things we will have to do is find some of us will return home and take over the family farm, but most of us will not.

In considering for you a job, a company will review your grades, your activities in student organizations, your attitude and your knowledge of other subjects. The company will wish to know which of these you are particularly interested in.

David Nesvold

Student Feels That American Press Is Suffering Inferiority Complex

In the minds of this country’s citizens, the concept of a free press overseas has often been associated with American motherhood and Old Glory. Extolling its virtues will, in all probability, probably not start a war. It will usually merely serve to reinforce the listeners’ original opinion.

Recent controversy on the subject flowed following the Cuban crisis, where criticism was levied at Washington in favor of the Press.”

The press is an essential part of our democracy. It is the “fourth estate” and plays a vital role in keeping the public informed.

The press is a watchdog over the government and helps to prevent corruption. It also serves to inform the public of the actions of their elected officials.

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Over the Back Fence

by Joe Schneider

Currently the Rahjahs, the group of Students in American College and universities, are considering the possibility of dropping the organization completely. Schneider, tendon that "Who's Who" is a gimmick to have students pay to see their names in print. Furthermore, he feels that the book sold nationally. The book, called "Who's Who in the United States," is sold for about ten dollars per copy. Along with the books sold, there is an annual fee of about six dollars.

On our campus this year, the Kiwanis have been conducting a survey to determine the willingness of students to continue participation in sports. The results indicate that many students are not interested in participating in sports in the traditional sense.

Each year many top students are selected by the Kiwanis Club to represent the United States Senate in Washington. However, many students are not interested in the opportunity to be selected for this honor.

Perhaps the committee which selects the students for this list should consider the interests and abilities of the students more closely. This would allow the students to be represented in a more meaningful manner.

Regardless, the value of "Who's Who" is questionable, as is the whole concept of dropping the organization completely.

No More ROTC

With the present bill before the United States Senate proposing the elimination of compulsory ROTC, it appears that ROTC has not been disused to any great extent. On the contrary, many students support the continuation of ROTC for the following reasons:

- It provides a sense of purpose and responsibility.
- It offers an opportunity for leadership and service.
- It strengthens community bonds.
- It helps students develop their military and leadership skills.

However, some students are concerned about the impact of ROTC on their academic performance and personal commitments. The decision of whether or not to continue ROTC is a complex one that requires careful consideration.

The Spectrum is an independent newspaper, and it is the responsibility of the Kiwanis Club to represent the will of the Student Body. The decision to continue ROTC should be made by the Student Body, and it is a responsibility that may not be delegated to the Kiwanis Club.

The Spectrum encourages students to express their opinions on this issue and to participate in the decision-making process.

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“JN NEW STEAKS ADDED TO MENU”

Circle K Club
Hosts Speaker

"Responsibility is the key to freedom, and responsibility is the purpose of the Circle K clubs," said Merle H. Tucker, international president of Kiwanis Club.

In a speech delivered to the Circle K Club at NDSU last Wednesday, Tucker told the students and guests some of the past history of the growth of the club and how it has been developed. Tucker went on to say that it is the fastest growing of the three clubs sponsored by Kiwanis.

In regard to the purpose of the clubs, he said, "The entire club cannot help but instill confidence in our young men." He announced that he was proud of the objectives that NDSU's Circle K Club has taken on this year under the leadership of their president, Dave Nelson.

"These men have a vital interest in assuming that men must accept the responsibility in today's world and in our free enterprise system," said Tucker.

Part of his talk was dedicated to the International Key Club. Tucker also represented the Fargo High Key Club at the luncheon.

Guests at the speech included Dean Severinson, Dr. Albrecht and Kiwanis members from both Minnesota and North Dakota.

"From Pettiney" is the movie to be shown January 25 at 7:30 p.m. in the Union Ballroom.

The movie is sponsored by the Student Union Activities Board.

Admission is 40 cents per person. Staff and students are welcome.

IRC to Hold Annual Meal

The NDSU International Relations Club announces that the annual International Banquet will be held Saturday, January 26, at the Newman Center commencing at 6:30 p.m.

Dr. Werner Feld of Moorhead State College will speak on "The Implications of a European Community." There will be an open discussion following Dr. Feld's address and entertainment later in the evening.

The dinner will feature cooking by several international chefs who are at work behind locked doors preparing the menu. From all reports the feast should be as succulent as Concordia’s fall banquet which displayed everything from Ethiopian stew to Chinese Fortune Cookies. Several members of the Moorhead State and Concordia clubs will attend.

Don't retire home for a change of cooking this weekend; attend the International banquet. Tickets are on sale at the YMCA office in the Library or from any member of the International Relations Club.
Hofstrand Heads YRC

Young Republicans elected the following officers Thursday, January 17 at a meeting held in Memorial Union.

Susan Hofstrand, president, HE Jr.; Marlys Bjornson, vice president, AAS Jr.; Wardell, AAS Jr, chairman; AAS Jr; Philip Bleyhl, secretary, AAS jr; Joan Scott, treasurer, AAS sr.

They provide a practical means by which the Young Republicans organization for the purpose of promoting good government.

These four different cars are alike in one important way. Each is a product of Chevrolet Division of General Motors. So each will give you more performance, beauty, comfort and good news at trade-in. But each is tailored to a certain kind of buyer. Our big Chevrolet has the Jet-smooth ride, luxury and styling you’d expect only in costly cars. Chevy II features parkable size, perky performance and outstanding fuel economy. Corvair gives you rear engine maneuverability and sports car flair. The new Corvette Sting Ray can best be described as dramatic. With a choice of 31 models, there’s one Chevrolet that will suit you best.
Weesner To Lead Tour To Europe This Summer

Kiss the Blarney stone in Ireland; throw a sixpence in the fountains; spend an evening drinking beer with the Germans in their Hofbrauhaus.

All these things can be done if Miss Weesner says so. She is an ideal situation for student traveling.

Miss Weesner explained that the trip is planned to take advantage of the low season. She said that it is cheaper to travel during the off-season, and that tourists are less likely to be crowded into博物馆s and museums. She also pointed out that the weather is usually better during the off-season.

The tour will depart from Fargo on June 27 and will include stops in Ireland, Spain, France, Italy, Switzerland, Austria, and Liechtenstein. Miss Weesner said that the tour is open to all students interested in seeing the sights and learning about different cultures.

The tour will include visits to famous sites such as the Blarney Stone in Ireland, the Eiffel Tower in Paris, and the Colosseum in Rome. Miss Weesner said that the tour is designed to be educational as well as fun, and that students will have the opportunity to learn about the history and culture of each country they visit.

The tour will be led by Miss Weesner, who has traveled extensively and has a deep knowledge of European culture. She said that she has chosen the tour itinerary to provide a balanced mix of sightseeing and learning, and that students will have plenty of time to enjoy the sights and learn about the culture.

The trip will be divided into two parts: a three-week trip to Europe and a six-week extension to Philippines. Miss Weesner said that the trip is designed to be flexible, and that students will have the option to extend their stay in Europe or to return home earlier.

The tour will be open to all students, and Miss Weesner said that she is looking forward to meeting and getting to know the students who will be traveling with her.

Finally, Miss Weesner reminded students that the trip is open to all, regardless of their majors or academic achievements. She said that she is looking for students who are curious, open-minded, and willing to learn about different cultures.

Anyone interested in the trip is encouraged to contact Miss Weesner. She said that she is looking forward to meeting the students who will be traveling with her.
Goal Set For Camp

To Whom It May Concern:

Re: Campus Chest Drive

I am of the opinion that the establishment of a Campus Chest for the University would be a worthwhile project.

As I understand it, the drive would be the one and only campus-wide collection for charitable purposes. This in itself is very much in its favor. When properly organized and administered, it will bring together in one project all campus fund raising activities for charitable purposes. I am sure this will produce better results. Students will appreciate one drive in place of several each year.

The effectiveness of the Campus Chest Drive necessitates full cooperation and participation on the part of our student body. This, I believe, will be forthcoming.

Very sincerely,

C. A. Sevrinson
Dean of Students

In a letter to the organizers of the Campus Chest Drive, Charles Sevrinson, dean of students, encouraged the program, emphasizing, "Students will appreciate one drive in place of several each year."

Alpha Phi Omega Sponsors UMOC

"Ugliest Man On Campus" contestants have been chosen and "decorated" by each sorority. The contestants are as follows: Bob Kellog, Kappa Psi, sponsored by Kappa Kappa Gamma; Dick Wenstrom, Theta Chi, sponsored by Kappa Delta; Fred Palmer, Theta Chi, sponsored by Alpha Gamma Delta; Robye Lahium, Tau Kappa Epsilon, sponsored by Phi Mu; Dave Pollock, Sigma Chi, sponsored by Gamma Phi Beta and Dennis Wolisky, Alpha Tau Omega, sponsored by Kappa Alpha Theta. Voting for the contestants will be done at the dance. Each ticket holder has one vote. The admission price is one dollar per person. Voters decide from the pictures of the "decorated" men who is the Ugliest Man On Campus.

The dance is sponsored by Alpha Phi Omega, national service fraternity. It will be held Friday, January 25, from 9-12 p.m. at Fraser Memorial Armory. Music will be provided by "F-M Sextet." Award presentations will be made to the man selected the "Ugliest Man On Campus."
Personal Solicitation Planned

Chest Drive: $3,000

A frequent scene the night of the Charity Ball will be similar to the one pictured above. Seated are, left to right: Kerry Hawkins, Kaaren Olson, Carol Anstett and Larry Rolfstad. Standing: Ginger Mane, Dave Sack, Jan Workman and Ken Promersberger.

Charity Ball Scheduled For February 2

The Charity Ball will climax the campus Chest Drive events on Saturday night, February 2. The music for the dance, being held in the Memorial Union Ballroom, from 9-12 p.m., will be provided by the Jantets. Admission to the dance is two dollars per couple.

This Panhellenic sponsored dance will have a French theme, according to Marlaya Mertens, president of the Panhellenic council. Semi-formal dresses are in order for the coeds.

Junior Panhellenic, under the supervision of Kappa Alpha Theta, is in charge of the decorations. Kappa Alpha Theta is in charge of decorations. Alpha Gamma Delta is in charge of the decorations. Kappa Alpha Theta, entertainment and lunch; Kappa Kappa Gamma, orchestra and general arrangements; and Phi Mu, invitations.

In addition to those living on campus, an effort will be made to contact each student living off campus as well. Here Maggie Swanston and Roger Forsgren are seen attacking the thorny problem of house to house solicitation. The drive will begin January 28 and will run through February 2.
Educational Offerings Unlimited
In Field Of Home Economics

by Jean Pulkrabek

The educational offerings in the field of home economics is never ending; however, the training and preparation for this profession starts early, often in high school through college and on into advanced degree in the field. High school courses should be planned to meet the usual college entrance requirements regardless of the branch of home economics in which one intends to specialize. Homemaking courses in high schools usually are applied toward college entrance credits although they are not required. There are colleges and universities in every state which offer degrees in home economics, and catalogs can be obtained describing the course offered.

In state-supported schools, tuition fees are usually low, and many colleges offer scholarships or other financial assistance.

Plans For Space Age
All qualified home economists today are college graduates many hold advanced degrees in the exploration of the territories in space, home economics planning the feeding of a crew on a man's 14-day mission in space. Under the sea, foods on a nuclear-powered submarine cruises lasting up to 120 days planned by home economists. For those with a scientific home economics major in chemistry and physics play an important role is available. For interested in commercial study of design might well the way to a career in the design, fashion illustration design of kitchen equipment any of the numerous ree. The demand for research in the universities, government, and private agencies, business industry, far exceeds the number of competent personnel available today in the profession, with a thousand job titles.

Making use of the new browsing room are these four seniors in home economics: Cecelle Myhra, Romayne Berg, Judy Halverson and June Huetter. The newly opened browsing room was started with a gift of $300 from the Ohio Gas and Fuel Company.

Browsing Room Added To Home Ec Building

An added feature to the Home Economics building is a "browsing room" which has opened last week. It is located on the main floor, across from Dean Budewig's office.

The purpose is practical; designed to attract the students in the building between classes. Students are encouraged to come into the "browsing room" to read and scan through the wide selection of books on varied topics.

A "browsing room" was made possible by a three hundred dollar donation from Ohio Gas and Fuel Company in appreciation for the advancement of Learning; Joy of Music. Donna Holcomb, a graduate in Thousand Years of Science; The Life of Ellen H. Wiseman. First Woman Chemist; The Advancement of Learning; Joy of Music; Art As Experience; Philosophy of Science; The Life of Ellen H. Richards; The Two Cultures and the Scientific Revolution; The Meaning of Persons and Three Thousand Years of Educational Wisdom.

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with a Douglas representative THURSDAY, February 7
We urge you to make an appointment through Gale E. Smith, Placement Director. If you cannot, please write to S. A. Amestoy, Engineering Employment Manager

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The coffee served in the Bison Room of the Memorial Union: Why is this so? What causes the bad coffee? A Spectrum investigation has led to an interesting conclusion.

Several weeks ago this reporter "unmasked" with a group of NDSU students. The conversation centered on two questions: (1) who manages the Union coffee? and (2) why is the coffee so bad? All at the table agreed it was terrible. A stop check and the Bismarck Tribune conducted a questionnaire. The results were unanimous: the Memorial Union is not interested in production management.

To verify the Memorial Union's poor coffee, we decided to see if Memorial Union uses a grade of coffee from the same company that supplies the Pioneer Company with a grade of coffee that served at Pioneer. The Pioneer Company had a rather busy week last week. The Pioneer Company's manager then sampled the coffee. A few days later, the Memorial Union's manager then sampled the coffee.

Tasters' Opinions

Here are the opinions of the Union tasters: Joe Schneider—Q. What did you think of the coffee you have just tasted?

A. "There was no comparison between the coffee at Pioneer and the coffee served in the Union. It is very evident that the problem does not lie with the coffee, but with the process by which it is brewed."

Betsy Dahm—Q. What did you think of the coffee you have just tasted?

A. "It is a really good cup of coffee ... like you make at home; it wasn't so dark and bitter."

Q. How would you compare it with Union coffee?

A. "Not very much comparison with Union coffee."

Nancy Soberg—Q. What did you think of the coffee you have just tasted?

A. "I liked it very much."

Q. How would you compare it with Union coffee?

A. "The coffee over here (at the Union) doesn't have the bitter taste that Union coffee does."

Dan Dillon—Q. How would you compare the coffee at Pioneer with the coffee served at the Union?

A. "There was an obvious difference in the coffee brewed for us. The aroma was better, the taste was better, and the after taste was better."

Everyone on the tasting committee agreed that the coffee served at the Pioneer tasted better than that served at the Union.

When this reporter returned to campus with the committee, he was met with a meeting of the NDSU Farm and Home Club. When the committee presented charts with the Pioneer American Coffee Bureau give him by Annette, these charts tell us exactly how coffee should be prepared in commercial establishments. The committee members who make the coffee in the Union were then questioned on how Union coffee is prepared.

Coffee Bureau Recommendation

The Pan-American Coffee Bureau recommends that the coffee urn be rinsed, scrubbed, and rinsed again between every brewing cycle. The Union employees said that they rinse the urn to remove a lot of hot water but do not scrub it.

The Union managers then said, "If we are to remove the urn bag or metal basket immediately." When asked if she did this, a student manager said, "We are to remove the bad coffee."

The NDSU Farm and Home Club has several objections (and one possible explanation) for the poor coffee served in the Union. In the Union's defense, the coffee was made incorrectly. Typical student responses were:

"I didn't like the flavor."

"I don't care for the coffee."

"I prefer the coffee over here."

It could be possible story, this writer believed.

Some Conclusions

Early in this article, it was said that two conditions could cause the bad coffee: bad ingredients or bad conditions. The employees who make the coffee in the Union were then questioned on how Union coffee is made.

The Sherwin Williams Company is particularly interested in protecting the flavor of good, pleasing coffee is made in the Union. This conclusion is based on the evidence collected during the investigation of a student coffee committee. Several objections can (and should) be valid only if no good coffee was served in the Union.

Figure 2, page 9

Shown at the coffee testing table are from left to right: Dave Nosset, Dan Dillon, Pioneer founder, Richard M. Amstett, Betty Dahm, and Nancy Soberg.

The college's students are busy. Why is this so? What causes the bad coffee? A Spectrum investigation has led to an interesting conclusion.

With the coffee served at Pioneer Coffee Company is in Moorhead, perhaps Fargo water is the excuse for the poor coffee sold in the Union. The Union would be valid only if no good coffee was made and served in Fargo. From personal experience and from questioning Fargoans this reporter can show that gallons and gallons of good, pleasing coffee is made in Fargo with Fargo water every day.

Perhaps, the Union employees are doing the best they can—may be the urn the Union uses is inferior to the one used in the Pioneer Company. A check with LaVonne Anderson, NDSU home economics junior, dispelled this theory. Last summer, Miss Anderson worked at the Edgewater Beach Hotel in Detroit Lakes, Minnesota. That firm used the same coffee urn identical to the one in the Union. She said the Edgewater Beach is well known for its good coffee, and that she personally had heard many compliments about the Edgewater's coffee.

At the Pioneer Coffee Company, the coffee tasted by the students was fresh coffee. The Union can not always serve fresh coffee because of the nature of its constant business. This is perhaps the strongest excuse for the status quo quality of Union coffee. Yet, every cafe, restaurant, and hotel faces the same problem. If this argument were valid, each and every restaurant and hotel in the world would be serving bad coffee. It is just as impossible for a cafe to get a fresh supply of coffee for each customer as it is for the Union. Since many such businesses, such as the Edgewater Beach serve excellent coffee, one should expect that the Union could do likewise.

This reporter concludes that the students at NDSU are not the only Union employee who refuses to drink the bad coffee. The Memorial Union is bad because of the Memorial Union uses in brewing its coffee.

**Placement Office Job Interviews**

Friday, February 15

The Sherwin Williams Company of Chicago and Minneapolis is seeking employment interviews with all senior and graduate chemistry students. This company is particularly interested in students majoring in inorganic chemistry. All students interested should contact the Sherwin Williams Company.

**Placement Office**

Tuesday, January 29

Devoe & Reynolds Incorporated of New Jersey is seeking engineering students to be represented by C. M. Jackson. The company deals in protective coatings and resins, end finishes, residential and industrial finish, and exterior maintenance paints, resins, and plastics. All chemistry engineering students are available for technical assignments with the company. There is a need for more chemistry engineering students. U.S. citizenship is a requirement for all students interested. The company offers opportunities to be represented at the American Chemical Society meetings in New York, Cincinnati, Chicago, and other cities. Opportunities are available for both electrical and mechanical engineering graduates. The company offers opportunities to be represented at the American Chemical Society meetings in New York, Cincinnati, Chicago, and other cities. Opportunities are available for both electrical and mechanical engineering graduates.

**Placement Office**

Wednesday, January 30

Green Giant Company of LaSueur, Minnesota, will be represented by the Employment Personnel Manager. Interested students who wish to interview with the company are requested to register for interviews prior to the re-union date of February 10. The company offers opportunities to be represented at the American Chemical Society meetings in New York, Cincinnati, Chicago, and other cities. Opportunities are available for both electrical and mechanical engineering graduates. The company offers opportunities to be represented at the American Chemical Society meetings in New York, Cincinnati, Chicago, and other cities. Opportunities are available for both electrical and mechanical engineering graduates.

**Placement Office**

Wednesday, January 30 and 31

Glines Paint Company of Cleveland, Ohio, will be represented by R. E. Lamalle of the Personnel Department. The company has special interest in chemistry students who have completed the special study curriculum in coating technology.

The company offers opportunities to be represented at the American Chemical Society meetings in New York, Cincinnati, Chicago, and other cities. Opportunities are available for both electrical and mechanical engineering graduates. U.S. citizenship is a requirement for all students interested. The company offers opportunities to be represented at the American Chemical Society meetings in New York, Cincinnati, Chicago, and other cities. Opportunities are available for both electrical and mechanical engineering graduates. The company offers opportunities to be represented at the American Chemical Society meetings in New York, Cincinnati, Chicago, and other cities. Opportunities are available for both electrical and mechanical engineering graduates. The company offers opportunities to be represented at the American Chemical Society meetings in New York, Cincinnati, Chicago, and other cities. Opportunities are available for both electrical and mechanical engineering graduates.

**Placement Office**

Wednesday, January 30 and 31

Motorola Corporation of Quincy, Illinois, will send W. R. Hausmann, Manager of Professional Placement to our campus for the purpose of interviewing senior and graduate electrical engineering students. Motorola is engaged in research, development, and manufacturing of electronic communications equipment.

**Attention:**

All students planning to participate in campus interviewing throughout the remainder of the year are reminded that individual educational packets cannot be prepared until all materials are completed. Check with the Placement Office if you have not made arrangements for interviewing.
Stockbridge, SAE, Farm House Teams Lead IM Basketball Race

Stockbridge, SAE, and the Farm House Fraternity lead the Intramural race in Basketball as the first half of play ends.

With 5-0 records, these teams lead their respective brackets in the number of games won. In the other contests, the AGR team and the Sigma Chi's share the top honors with 4-1 records apiece in the fifth bracket.

In bracket three, the first place honor is shared by four teams with 4-1 records each. They are the SAE's second team, the Farm House Fraternity lead the number of games won. In the other contests, the AGR team and the Sigma Chi's share the top honors with 4-1 records apiece in the fifth bracket.

In bracket one, the Stockbridge team is clearly out in front. The second place team SAE's has 3-2 record which puts them two games away from sharing the first place position.

On the other hand, in bracket two, the SAE's are only one game above second place FFA.

The same is true in bracket four. The Farm House has only one a game lead over the two second place teams, ATO and APhA. (American Pharmaceutical Association)

Strong Teams

When the second half of the season starts on January 23, the group to watch in bracket one is the Stockbridge team because it shows like they will easily win first place again.

Bracket two could feature a close race between the SAE1 team and the FFA's team.

Bracket three is the most difficult one in which to predict a winner because four teams are presently tied for first place.

Bracket four, with the strong Farm House team on top at the present, could find them easily upset by either of the two second place teams.

In Bracket five, the Sigs have the best actual win record. The only loss they have against them is from a forfeit to one of the power ranking teams in their bracket. The Sigs beat the AGR's in an overtime to hand them their only loss thus far.

It figures that the real contest for first place in this bracket will lie between these two teams.

I-M Standings

<table>
<thead>
<tr>
<th>Bracket One</th>
<th>Bracket Two</th>
<th>Bracket Three</th>
<th>Bracket Four</th>
<th>Bracket Five</th>
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<td>Stockbridge</td>
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<td>APhA</td>
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<td>APhA</td>
<td>ATO</td>
<td>Farmer</td>
<td>Churchill</td>
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<td>Sigma Chi</td>
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<td>Sigma Chi</td>
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The intramural basketball teams for the first half of play, as follows, with the exception of the ASC and Churchill teams in Bracket five. These teams played a game last Sat morning to determine which team claims fourth place.

WHAT IS UP FRONT?

Up front, ahead of a modern filter, only Winston has Filter-Blend... rich, golden tobaccos specially selected and specially processed for full flavor in filter smoking. It's what's up front that counts!

Winston tastes good
like a cigarette should!
Bison Drop Two NCC Games; Free Throws Prove Costly

by Neal Jackson

NDSU dropped its second conference game to South Dakota State 62-73, Friday at the State University fieldhouse. The Bison, using a straight man defense and a free wheeling offense, held the larger Jackrabbits at bay throughout the first half and for 7 minutes of the second half. Leading by as much as 10 points, NDSU could not hit from the field with enough accuracy to keep the strong rebounding South Dakota State in check.

Again the Herd was paced by conference scoring leader Ron McLeod with 20 points. Bob Roscher added 15 followed by Wayne Langen with 12. The over-all percentages showed the Bison hitting a 38.6 clip.

Wayne Rasmussen topped the Jackrabbit scoring with 22 counters of which came via the free throw line. Jim Boslote had 18, Jerry Busch and Nick Brod 13 each, and Tom Black 11. The South Dakotans managed a 4-of-13 percentage from the field.

One of the decisive factors in the outcome of the game, rebounding, favored South Dakota State. The Jackrabbits pulled down 51 as against 36 for the Bison.

During the South Dakota board press box was Black with 13 followed by Brod and Dick Boslote with 11 each.

The North Dakotan's Verlin Anderson garnered nine and Wayne Langen seven. The Bison were beaten from the free throw line. North Dakota scored in 27 field goals and 19 shots while SDSIC hit for 25 on the field and 32 free throws.

State College of Iowa dampened NDSU's hopes for a conference championship Saturday by downing the home standing Bison 68-63. This defeat levels the Herd's conference record at three wins and six losses.

For the second night in succession the Bison squared their opponents output from the field but were unable to capitalize at the free throw line. SCI made 20 of 27 attempts from the charity line while SU hit only 17 of 28.

Other than free throws, the content was completely even. Both squads had 24 field goals and each gathered in 36 rebounds.

Ron McLeod again led the Bison scoring with 23 points. Wayne Langen hit for 12 and Bob Tuch-scherer 10.

All five SCI starters were in double figures. Dave Josephson tailed 18, Dick Christy and Paul Balcum 13 apiece, Ron Jesson 12 and Dick Savage 10.

North Dakota State's usually high scoring offense was slowed by the ball control tactics of the Panthers in the second half. This brand of ball forced the Bison to tighten up their man to man defense. This type defense is used to keep the offensive continually off balance.

The Bison wrestlers post a 6-3 record so far this season. The three ties have been Bismarck Junior College, Ellendale Teachers and Valley City.

Bison Wrestling Coach Tom Neuberger stated, "South Dakota State's line-up was real good, especially Dee Brainard, who is close to national caliber. In fact he's the best I've seen all year."

The Jackrabbits are 2-2 after defeating SU and St. Cloud.

For the Bison team, Neuberger said, "We have three kids who are wrestling for their first year, and after last year's losses to the team we have a lot of building to do."

The freshmen wrestling team has a nice 3-2 record, winning over Concordia "B" squad twice and Valley City "B" once.

The next varsity meet will be on February 1st when they participate in the Quadrangular Meet. Involving will be from NCC, the John's College, and Minot State Teacher.

The NDSU wrestling team lost to the Baby Bison win the next 6 straight NCC games, we would end up tied for second place in the North Central Conference. This might be hard to do, but we do know where we can go. South Dakota State is in a position that's hard to topple.

NCC Standings

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<th>Team</th>
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<th>TP</th>
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<td>.500</td>
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<td>452</td>
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<tr>
<td>SCI</td>
<td>3</td>
<td>3</td>
<td>.600</td>
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<td>3</td>
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<tr>
<td>SU</td>
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<td>296</td>
<td>239</td>
</tr>
</tbody>
</table>

The Bison wrestling team lost to invading South Dakota in the Friday night action following the NDSU-SCI basketball game at NDSU on Friday night.

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SCI Tops Bison

SU Wrestlers Are Building For 1st Win

THE SPECTRUM
Spectrum Circulation Manager
Announces Campus Distribution

The circulation department of the Spectrum receives 3,000 papers weekly for distribution to the 5,700 students on the NDSU campus.

Since each student pays for the spectrum service as an activity fee, the department feels obligated to distribute the 3,000 copies so that each student can receive his paper with a minimum amount of inconvenience.

Because a few papers are left over at each station to which the papers are delivered on campus, the circulation department must choose carefully where the papers are left. Diagonal papers to every campus building would mean many students would not be able to get a Spectrum without hunting. For example, if papers were left at the Dairy Science building (Van Es), a building through which relatively few students pass, other buildings would be more likely to receive fewer papers. This would mean that central buildings—buildings which have heavy student traffic—would run out of papers. Students frequenting these central buildings would have to go out of their way to obtain a paper.

The present economical method of distribution would be to leave all papers at one building such as the Memorial Union or the Library. However, this plan would inconvenience many students who do not regularly go to these buildings.

To strike a happy medium—or as close to it as possible—papers are distributed to buildings on campus which have the heaviest load of students. The buildings are chosen based on the results of surveys periodically conducted by the circulation department.

The list of buildings receiving the Spectrum are: Minard, Library, Union, Ladd Hall, South Engineering, Agricultural Engineering, Morrill Hall, Pharmacy, Engineering, Home Economics, Fieldhouse, Dinan, Ceron, Bergum and Old Main.

The Dacotah Chapter of Alpha Zeta Fraternity formally initiated 15 new members at an initiation banquet last week in the small banquet room of the Memorial Union at North Dakota State University.

To be selected as a candidate for initiation to Alpha Zeta, a student must be majoring in agriculture, must have completed at least one and one-half academic years of college. His overall grade average must place him in the upper two-fifths of his class. Final selection of candidates is made by the active members of the chapter and is based on scholarship, leadership and character.

Successful candidates for the formal initiation were John Berdahl, Ronald Berghen, Ronald Carlson, Larry Corah, William Crosby, John Cunningham and Ron Davis.

The speaker at the banquet was Larry Corah, best man, and is based on scholarship, leadership and character.

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