

Student Relations Committee To Strive To Better Student-Faculty Understanding

A student relations committee has been set up by the NDAC American Association of University Professors for the purpose of creating more understanding between the students and faculty members of NDAC.

At the present time the committee is gathering information and investigating three major questions but eventually the group plans to organize a forum to discuss and examine student-faculty issues and problems.

NDAC Cooperates In Influenza Study

The NDAC Student Health Service is cooperating in a study being made of the recent influenza epidemic which has cut school attendance in the Fargo area.

In cooperation with the State Health department in Bismarck, blood specimens and specimens from the nasal passages of students treated in the NDAC center have been submitted for laboratory study to Dr. Herbert Wenner of the University of Kansas Medical Center in Kansas City, Missouri.

Within a ten-day period, blood specimens of convalescents will be sent to the same laboratory for comparative analysis. When diagnosis is complete, the type of influenza virus which is prevalent in the Fargo community can be determined.

The epidemic at NDAC has passed its peak when 50-60 cases per day were reporting to the health service for treatment and few new cases are being reported, according to the health center authorities.

Over 600 students were affected by the influenza epidemic. Over the ten day period the men's ward at the health center has been kept full. Not as many women have been affected according to the health center. In the most severe cases patients are given penicillin shots.

King Speaks To IRC

Gorman King, former NDAC student and head of the insurgent group of the Non-partisan league in North Dakota, will speak to the International Relations club, Wednesday, Jan. 28 in the college "Y" at 7:30 p. m.

King's topic will be "The Enigma of North Dakota Politics". King has been active in the liberal segments of both the Non-partisan league and the Democratic party in the state. King has been a national committeeman for the state Democratic party.

HE STYLE SHOW

The School of Home Economics is planning a style show of representative costumes made by its students for the wives of the delegates of the Grain Growers Convention to be held in the American Legion hall, February 3.

Three topics under consideration are:

1. Student load—the committee plans to compare the NDAC student's load with that of other quarter colleges.

2. "Cheating"—the committee will attempt to define this action, determine why it occurs and decide whether its existence is the responsibility of the faculty or the students.

3. English writing ability test—the committee proposes to give this test to graduating seniors before granting degrees the test would determine the ability to communicate ideas adequately in basic English; this test would be used also to evaluate the requirements for freshman English.

Members of the student relations committee represent every school at NDAC. Marko Haggard is chairman of the committee. Other members include Frank Cassel, arts and science; Jesse Parsons, agriculture; Lawrence Edwards, chemistry; M. L. Keedy, engineering; Miss Emily Reynolds, home economics; and Sidney Chernick, pharmacy.

Students may present their ideas and opinions on the proposed topics, either by writing or by discussion, to the committee, according to Haggard.

College Council Approves New Courses In Engineering, T-V, Store Experience

Among the new courses approved by the college council for listing in the NDAC catalog are introduction to television, retail store experience and human engineering

Miller Announces New Pay Change For Vets

Academic regulations for Korean veterans have been changed, according to Merle Miller, director of admissions and records. Under the change Korean veterans may take 12 credit hours plus two or more required sub-collegiate courses (English A or Mathematics 69) and still be eligible for full pay.

Veterans enrolled in nine credit hours in addition to any required sub-collegiate courses can receive three-quarters pay and veterans taking six hours plus sub-collegiate courses can receive half pay.

At this time, Miller states, the change will be effective Jan. 22. However, Miller is attempting to clarify the change making it retroactive to September thus enabling more veterans to get subsistence.

Previous to the change veterans received full pay for 14 hours three quarters pay for 10 to 14 hours and half pay for seven to nine hours. Hours did not include sub-collegiate courses.

Veterans who need additional information may contact Miller. Veterans who have not seen Miller are asked to do so immediately so their pay is not held up.

Brevities Tryouts Set Feb. 26-28; 16 Acts Organized

Some 14 campus organizations have been working for about three weeks on variety acts for the 1953 Bison Brevities tryouts, Feb. 26, 27 and 28. Tryout finalists will appear in the annual show scheduled April 28, 29, 30.

A total of eight acts have been arranged, six combined and two singles. Each organization selected their directors before Christmas.

Combined acts and their directors include Alpha Gamma Delta-Theta Chi, Sally Burchill and Bjorne Naaden; Gamma Phi Beta-Sigma Chi, Joyce Rutherford and William Wright.

Kappa Alpha Theta-Kappa Sigma Chi, Grace Lehman and Richard Wenberg; Kappa Delta-Alfa Gamma Rho, Robert Churl; Kappa Kappa Gamma-Alfa Tau Omega, Richard Nelson and Phyllis Silliman; Phi Mu-Kappa Psi, Mary Pat Lucy, Carol Kirkhus, Lawrence Hilden and Lawrence Coombs.

Directors of single acts are Donald Ellingsberg and Thomas Joyce, Sigma Alpha Epsilon and Donald Kappa Psi, men's band fraternity, under the director of Fred Haefner will furnish music for the Bison Brevities.

and sales engineering in the Department of industrial engineering.

To be offered next September, introduction to television is listed as "a study of television as a means of communication." Included in the course of study are methods of production, programming, preparation of material and a study of the camera and its uses. Dr. Frederick Walsh will teach this three hour course.

Women majoring in home economics will have an opportunity to get practical experience working in stores when they enroll for retail store experience. Store experience will include stockroom work, advertising and business office work. Women to take this course will be recommended by the Textile and Clothing department.

Because of the growing tendency to use engineers in management fields the School of Engineering has added courses of human engineering and sales engineering to its curriculum. The industrial option has been changed to industrial engineering and management.

Human engineering will concern the effect of status, recognition, rewards and punishment on factory workers. This course is open to seniors only. Sales engineering includes management of sales campaigns and advertising.

Offerings in speech correction method have been revised and expanded. Lip Reading, Clinical Practice, and Audiometry are some of the new courses available.



Members of the Panhellenic council plan the Charity Ball scheduled for Friday, Jan. 28 in the field house. Seated in the foreground from left to right are Virginia Lidstrom and Joann Johnson. In the background from left to right are Carol Kirkhus, Suzanne Minnis, Edith Hawkins and Loretta Brown. Photo by Walt Junkin.

Masks, Balloons Decorate Field House For Charity

Following a Mardi Gras theme huge masks, balloons and confetti will decorate the field house for the

23rd annual Charity Ball, sponsored by the Panhellenic council. The girl-ask-boy affair will be held Friday, Jan. 30. Dancing will begin at 9:30.

Radio Station Holds Engineering Depts.

Announcer's auditions for the campus radio station are set for 7 p. m. Tuesday, Jan. 27, in the Green room of the speech department.

Students interested in script, continuity writing or writing original shows for the station are also asked to attend this meeting.

If it is impossible to meet at this time, students may leave sample copy, scripts and show ideas at the Little Country Theatre with Miss Constant West.

In addition to Scott Pederson, program director, the radio staff will include music, news and drama directors. Appointments to these positions will be announced at a later date.

Engineering Depts. Move Into Building

Two of NDAC's engineering departments recently completed occupancy of their new \$400,000 building on the north edge of the campus.

The complete civil engineering department, along with about half of the mechanical engineering department has moved into the modern new structure. In addition, ten members of the engineering faculty and the office of the dean have transferred to the new quarters.

At present, the new structure contains three classrooms seating a total of 120 students. There are two laboratory bays that contain all the equipment of the civil engineering department and the internal combustion laboratory and the materials testing lab of the school of mechanical engineering school.

The new building is only part of the proposed engineering building. The completed portion will serve as the base of future structure. Plans now under consideration would extend the building to three times its present size by adding two stories.

One of the features of the present structure is a complete Stromberg-Carlson public address system. The entire building is connected by the public address system to the dean's office, and one room or the entire building may be spoken to at one time.

Members of the faculty and outside guests who have been invited are Governor Norman Brunsdale, Mayor Murray Baldwin, Pres. and Mrs. Fred Hultz, Dean Pearl Dinan, Dean Charles Sevrinson, Dean Clara Cerveney, Dean Robert Dolve, Dean Ralph Dunbar, Dean Ernest Giesecke, Dean William Sudro and Dean H. L. Walster.

Tickets for the Charity Ball may be purchased at the door of the field house Friday night, from members of the Panhellenic council or from Dean Dinan's office.

Committees for the dance are Alpha Gamma Delta, general chairmen; Gamma Phi Beta, ticket sales; Kappa Alpha Theta, furniture and invitations; Kappa Delta; publicity; Kappa Kappa Gamma, chaperons and Phi Mu, decorations.

Publications Revise Old Constitution

The Board of Publications has revised its constitution to fit the needs of the new student senate constitution. In general the constitution has been liberalized.

One objective of the publications constitution is to give the Spectrum staff editorial freedom from the Board of Publications which is not involved in the actual production of the newspaper.

According to the constitution the editor and business manager have complete charge of their staff without interference from the board. The main function of the Board of Publications will be limited to handle the publications finances.

According to the organization of the student senate NDAC publications have three levels of control, the senate, the Board of Publications and the publications staff.

Under the constitution the senate does not have the power to limit the Spectrum from fully reporting or commenting on all student activities, including the student senate.

Staff members of the publications may attend the meetings of the Board of Publications. In the past the meetings were open only to the student government members, faculty members and the editors of the annual and newspaper.

DEAN ON RADIO

John Dean, member of the executive committee of the March of Dimes in Fargo, will be interviewed tonight on the 6:45 news broadcast over station KFGO.

Basement Of Union One Half Completed Interior Untouched

The building exterior of the student union is well advanced but the interior is yet untouched, according to Erling Thorsen, superintendent of buildings and grounds.

Workmen are now working only on the basement due to weather conditions. The labor foreman estimates that the basement is half completed.

A tentative opening for the student union is set for the fall term of 1953. Ground was broken last spring by the Roel Construction company of Fargo. During the summer a steel strike held up construction.

Completed the union will be a two floor structure with a large basement. In the basement will be an eight-lane bowling alley, locker and equipment rooms. In addition will be a barber shop, book store, and snack bar.

On the main floor a large game room for billiards and ping pong, a small lounge with kitchen and pantry and a larger common lounge with a fireplace are planned. Student committee rooms and offices will also be space on this floor.

The second floor will house an auditorium and ball room, a projection room and a small stage. There will also be a dining lounge with a kitchen for catering. Student government offices, committee rooms, and placement and alumni offices will share the upper floor with offices for the Spectrum and Bison.

Funds for the student union have been accumulated yearly from the student matriculation fee, and bonds have financed the remainder.

Anderson To Travel For Engineer Group

Professor A. W. Anderson, chairman of the NDAC department of mechanical engineering, will attend a special meeting tomorrow at the City engineers' office in Bismarck.

At the meeting legislation to be presented at the present meeting of the state legislature will be studied. The decision on what should be presented to the legislature will be made, but no appearance will be made before the legislature by any member of the conference.

★ ★ ★

Professor A. W. Anderson, chairman of the NDAC department of mechanical engineering, will attend the national meeting of the National Association of Professional Engineers to be held at Daytona Beach, Florida, in June of this year.

Representing the North Dakota society of Engineers, Anderson will attend the meeting in the role of vice-president of the North Dakota group and as their official representative at the convention.

Junior Bankers Slate Meeting At College 'Y'

A school for Junior Bankers will be held in the college "Y" during the week of February 9 to 13.

The school will be sponsored by the North Dakota Bankers association. The faculty will consist of lawyers, bankers, and other professional people.

Registration will begin on the evening of Feb. 8. The enrollment will consist primarily of North Dakota bank employees.

WATT OMITTED

Andrew L. Wat, Sr-Ag, was omitted from the Honor Roll last week. His average was 3.74.

Beasts Battle Beauties In Footbrawl Classic



Gamma Phi "Beasts" plot their strategy for the annual Bromo Bowl scheduled for Wednesday, Jan. 28 in Dacotah field.

Sitting from left to right are Nancy Kaiser, Arlene Skjelset and Arlene Nesse. Standing are Gail Fitzloff, Erlys Mische, Kathy Gertis and Barbara Hammerud. Photo by Walt Junkin

Awards Available . . .

Atomic Energy Commission, U of Idaho Offer Fellowships To Qualifying Seniors

NDAC seniors majoring in chemistry, physics or engineering are eligible for Atomic Energy Commission-sponsored graduate fellowships in radiological physics for the 1953-54 school year.

Up to 75 fellowships may be awarded, with fully-accredited graduate study to be carried out in three locations. One program is operated by the University of Rochester and Brookhaven National Laboratory, another by the University of Washington and the Hanford Works of the AEC, and the third by Vanderbilt University and the Oak Ridge National Laboratory.

Basic stipends for fellows is \$1600 per year, with an allowance of \$350 if married and \$350 for each dependent child. University tuition and required fees will be paid by the Oak Ridge Institute of Nuclear Studies, which administers the program for the AEC.

AGRONOMY FELLOWSHIP

Open to agronomy and qualified range management majors is a two-year research fellowship at the University of Idaho beginning immediately or by April or June 1.

Students who have completed their work for a Bachelor of Science degree or who will graduate at the end of the winter quarter are eligible for the fellowship.

Stipends consist of \$1740 salary per year and allowances of \$6 per day for meals and lodging while on travel status. The appointee can complete his course work, research and thesis for a Master of Science degree in two years.

Interested students are asked to write to F. L. Timmons, senior agronomist, Box 88, USAC, Logan, Utah. Two copies of Standard Form 57, obtainable at the Fargo post office, should accompany the letter.

Post's Private Insect Collection Here; Display Features World's Largest Insects

Collecting butterflies, spiders, and other insects may, to some people, be an assignment in biology or zoology, but to Dr. Richard Post, assistant entomologist, entomology and State Seed department, an insect collection represents his life's hobby.

Dr. Post started his hobby 25 years ago when he was working in a supply house. While at the supply house he met insect collectors from all over the world and thus made arrangements when specimens were sent in to get them for his own collection. It was because of these connections that Dr. Post obtained such a variety of insects from all over the world.

During World War II when Dr. Post was in the armed forces his mother took over his collection and when he returned, having previously received his doctor's degree, he came to the NDAC and donated his collection of 85,000 insects to the college.

Since then he has continued collecting insects although on a smaller scale. His private collection is

now on display in the library.

Included in his collection is 'The World's Most Gorgeously Colored Creature', a moth. To most people a moth is an insect which eats winter clothing but this moth is a large blue insect which looks like a huge butterfly.

This insect is lured to the ground by leaving rotten meat as a trap. When the moth descends for the food it is captured. It was sent to Dr. Post from Madagascar, Africa.

Another outstanding insect in the collection is one of the world's largest beetles. This beetle also comes from Africa. African children catch these beetles, attach them to a string, put the string on a stick, and then swing the beetle around in the air.

Also in Dr. Post's collection is a specimen of the world's largest moth. The moth, known at the Atlas, comes from the Philippine Islands.

The collection which Dr. Post donated to the college is now on display in Morrill hall.

ATO's Seek to Defend Crown; Gamma Phis In Top Condition

by Gail Fitzloff and Arlene Skjelset

Millions of spectators who have been temporarily delayed by a minor conference game played on Jan. 20 in the "Ike Bowl", will arrive on the NDAC campus Wednesday, Jan. 28 to watch the nationally known classic, sixth annual "Bromo Bowl".

The favored Gamma Phi "Beasts" will clash with the Alpha Tau Omega "Beauties" in the NDAC stadium at 4:30 p. m. The "Beasts", according to their coach Douglas "Gunning Gunder" Boling, have been under a rigid six months training period at Bareshanks, Alaska. Training in below zero temperatures has made the "Beasts" immune to our mild North Dakota weather.

Library Adds Discs To Classic Collection

Five new long playing records have been purchased by the library from profits from the coke and candy machines. Selections include "Claire de Lune", "Song of My Love" and "Summertime" from Porgy and Bess.

Among the five is a record of piano music, "Villa Lobbs" which includes "Lenda do Cabolco", "Piolichinelo", "Festo do Sertas" and others. Another recording is the "Twilight Concert, No. 2" with Arthur Rodzinski.

"Ten Pictures", another record, is arranged in a series of ten scores, each representing a picture. Three of the songs in this collection are "The Hero's Gate at Kiev", "Limgoes" and "Il Veachir Castello".

Also using the idea of pictures as songs is the record "Pictures at an Exhibition" with Rafall Rubelik conducting the Chicago Symphony orchestra.

"Music for Reading" in its gathering of songs presents among others, "Claire de Lune", "Song of My Love" and "Dream of Oliven". Also represented in the group is the "Concerto for Violin and Orchestra" with Max Rostal, violin backed by the London Symphony orchestra.

Students can get these records for playing on the library lounge record player by checking them out at the circulation desk.

NDAC Group Visits Dakota Fuel Region

Members of an NDAC class in advanced geology have returned from a trip to Grand Forks and Devils Lake, in connection with their study of coal resources of North Dakota.

During first portions of the tour, class members visited the U. S. Bureau of Mines coal research laboratory, to obtain first-hand information on the origin of coal, its utilization and development.

Second phase of the trip included a survey of the oil well drilling process, when students viewed actual drilling procedures, drilling equipment, and rock samples at a well located near Devils Lake.

Members who made the trip are Myron Tingelstad, John Kirk, Robert Jones, Eric Flaten and Donald Anderson.

The group was accompanied by Willard D. Pye, chairman of the department of geology and geography of NDAC, and Warren Teichmann, member of the geology department staff.

WANT ADS

For Sale—Typing of term papers, compositions, etc. Mrs. Doug Rostond. Tel. 2-6008. Contact for arrangements.

LOST—Brochure with name 'Oiney' inscribed. Finder please contact Paul Swanson or Dale Lund.

This advantage, in addition to the "Beasts" new figure formation will squeeze out the opposing "Beauty" line, says Boling, and avenge last year's 7-6 defeat.

Boling reports that his star player, Kay "Clunk" McGeary, has been in the hospital during the past week suffering from laceration of the fingernail, but will see action in Wednesday's game.

With the punting of Arlene "Nimble-toes" Nessel, the passing of Bonnie "Lateral" Litzinger II and the tackling of Kathy "Dirty Girtie" Gerteis, Boling sees only victory in store for his battling beasts.

Grim is the outlook seen by Charles "Groaning" Gronberg, who has been coaching the Alpha Tau Omega "Beauties". Excessive injuries have plagued the "Beauties" at their Friday club workouts. Gronberg sees no preventative for the injuries but hopes the team will pull itself up to capture the "Bromo Bowl" title.

Gronberg's reports that Sam "Cotton top" Eriksstad and Jerry "Casanova" Moyer will be their chief line backers. Passing will be attempted by Dennis "The Menace" Blow who showed great strength at last Friday's scrimmage, he passed out.

Team roster for the Gamma Phi "Beasts" include, co-captains, Kay "Clunk" McGeary and Arlene "Nimble-toes" Nessel; Karen "Faher" Akers; Eline "Charger" Chial; Barbara "Hammering" Hammerud II; Nancy "Super Deluxe" Kaiser;

Arlene "Smelly Skelly" Syjelse; Jo Ann "Willing" Willert; Kathy "Dirty Girtie" Gertis, Bonnie "Lateral" Litzinger II, Gail "Ferocious" Fitzloff; Ruth "Sassy" Olwin; and Erlys "Mashing" Mische.

Co-captains for the Alpha Tau Omega "Beauties" are Sam "Cotton-top" Erickstad and Russ "South Korea" Slotten. Team members are Ron "Bald Headed Terror" Abrahamson, Mike "Foggy" Fogel, Dick "Grainbelt" Sune, Jack "The Ripper" Clark,

Roger "The Lodger" Erickstad, Roger "Panda" Abbot, Dave "Blackbeard" Peet, Jerry "Casanova" Moyer, Bill "Wild Bill" Brady, Bill "Governor" Brunsdale, Frank "Squirrely" Meyers, Roy "Rocus" Cedarstrom,

Bob "Cheeks" Bielfeldt, Lee "Tiger" Johnson, Jim "Slim Jim" Stenslie, Jim "Breaker" Brogger, Denny "Dennis the Menace" Blow, Dallas "Darling Dal" Score, John "The Pill Roller" Larum, Bernard "Socialite" Brown, Bob "Potgut" Montgomery, Dick "Mr. Rhythm" Berdahl, Earl "Sanitary" Sandburg, and Ron "The Quiet Man" Zotnick.

If you do not already have a ticket for the game you may be admitted on a "Beasts" pass by obtaining one of the "Beauties" secret plays and reporting it to the Gamma Phi house before noon Wednesday.

AG EC SEMINAR

H. L. Walster, Dean of the School of Agriculture, will speak at the Thursday, Jan. 29 agricultural economics seminar. Walster's topic will be "New Farm Horizons". The meeting will be held in room 215, Morrill hall.

Navy Man To Talk Ballets, Wrestling Matches Set Mood With Seniors Here At 'Spec' Office; Editor Owns Blacksnake

by Wesley Rae

Lt. J. H. Bradley of the U. S. Navy, will visit the campus Feb. 11 to discuss with senior students the officer candidate program offered by the Navy. Lt. Bradley may be interviewed in room 108 of the Administration building, after 2 p. m. Feb. 11.

The officer candidate program of the navy enable college graduates to receive commissions in the U. S. Naval Reserve, after attending a course of instruction at the officer candidate school in Newport, R. I. Applications will be accepted from those interested in the officer candidate program up to 120 days prior to receipt of the baccalaureate degree.

There is a spot dear to my little cast iron heart, that reposes in the quiet recesses of Minard hall, where I repair to soothe my frayed and frazzled nerves after a hectic weekend.

The spot in none other than the hallowed Spectrum office.

I remember the first day I came there. As I stepped over the threshold, a quick hiss filled the air and the comforting tenacle of the editor's blacksnake caressed my shoulders. A moment later the snare pitched me into the pit. I was in at last,—I was a member of the group,—"one of the boys".

Soothing arias from all the favorite operas — Tosca, Rigoletto, Faust—are sung accompanied by fantastic ballets. Typewriters click and clack, telephones ring, and absorbing wrestling matches dominate the atmosphere, thus setting a magnificent mood for relaxation.

And just step down the hall, the math classes are slowly fading into the sweet oblivion of insanity.

Plant Seminar Jan. 19

Recent developments in the field of systematic insecticides will be discussed at the NDAC plant seminar, to be held January 19, in Morrill Hall. Dr. R. L. Post of the NDAC staff will be the speaker. The meetings are open to the public.

Take for instance the telephone. When it rings, there is either a mass stampede for the cramped corner in which it rests or there is complete ignorance of the instrument's existence. In the latter case, a standing rule exists that whoever is farthest from the phone will answer it. (Oh, perish, Conventionality!)

And then there are the calls received.

"Hello?"

"Hello. Could you please tell me the temperature in the west sow barn?"

"WHAT?"

"Oh, come, come. The west sow barn. Surely you have the temperature."

"Oh, yes. We also have trunksful of old fried eggs. Would you like some of those?"

"Pardon me. I have the wrong number."

As long as there are telephones, you see, life will have zest.

Now the people who bring information for publication are really appreciated, but here is an example of some who are not.

"Yes? What can we do for you?" "DUHHHHHH—Tanganyika Relations Club."

"Well, what about it?"

"Gonna meet."

"How nice. Where and when?"

"DUHHHHHH—Chee I forgot."

"Sonny, who is your advisor?"

Sun hurtin' your eyes."

Sun hurtin your eyes?"

At this moment, pandemonium breaks loose, and the smouldering writer is submerged in the pit to cool off.

Ah yes—Life is sweet, and life is short,

So let your work go all to heck; Come and join us; come and see That life is great on the old Spec.

Writer Exposes Scientific Hoodwinking

by Chuck Abrahamson

There are among us who view science as no more than an ever springing fount of luxury items and panaceas. There are these, also, who regard science as a sort of social tie for doddering old fools and imaginative youths. Another faction maintains that science is the greatest single threat to the continued existence of Man.

All of this is pure rot. Science is the vehicle used by dabblers in fiction to exploit an awed population of laymen. So grand is the style of fiction employed that society as a whole has been hoodwinked into believing that it is on the verge of a laborless, antiseptic world.

So gullible are the laity that many of them, upon flipping a wall switch, actually expect a light to come on. Here, then, are a few of the methods used by this dark force in exploiting you, every day.

The next time you see a mathematician, try this. Face him squarely, but stay on your toes, ready to bolt if the reaction should be violent. Look him in the eye and in your clearest voice say, "Skinner's Constant". If he blushes deeply, take note of an honest man.

Having survived this experiment, look up the nearest physicist and repeat the ritual, this time using the key word, "neutrino". Again, embarrassment denotes intellectual honesty.

In brief, Skinner's Constant is the algebraic difference between the right answer and the answer the mathematician gets. It is a variable constant jammed in there

to make calculations agree with observed results. Similarly, the neutrino is a minute glob of stuff whose sole justification for existence is the consensus among physicists that you've got to have them to make your equations come out equal.

At the speed of light it has infinite mass, but at zero velocity it has zero mass. This makes it convenient for physicists because you or I would have a tough time disproving them.

If you try to pin down a neutrino for purposes of examination, it disappears, and if you wind up with something staked out on the table, by definition its not a neutrino. Round one for science.

How can you fight something so insidious? A dim light cuts through the gloom at this point. A group of insurgents have banded together to raise the cry for 'Truth'.

This band of misfits believes, for instance, that the atomic model stretches credulity a bit thin. They refuse to accept the proffered tinkertoymonstrosity as their idol, but see the atomic model as the half page of figures making up Schroedinger's Wave Equation.

Nuclear Physics is also under attack by a reform group which refers to the atomic bomb as a gigantic hoax perpetrated by Hollywood and H. G. Wells.

The second half of the Twentieth Century should see a Scientific Revolution with a return to the normalcy of the Neanderthal Period. All who look forward to this achievement will prepare for conflict when the warning bell rings for round two.

LSA SUNDAY EVENING CLUB

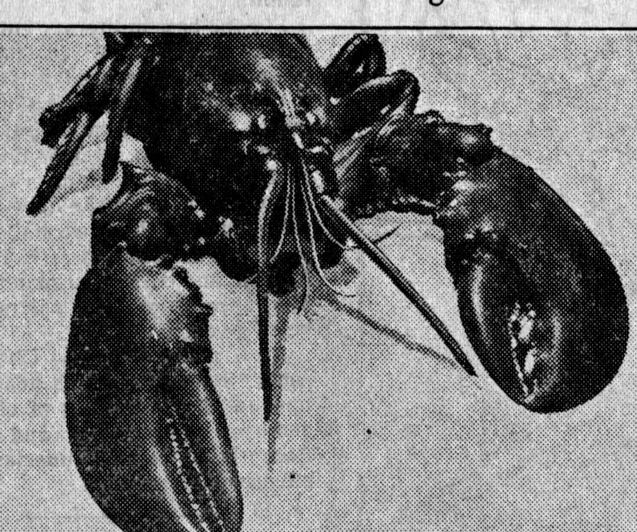
"FROM DATING TO MARRIAGE"

by Dr. Joseph Knutson,
President Concordia College

January 25—College "Y"— 5:30 Supper
6:30 Program

Hi-Noon Focus, Daily M-F, 60c cost
Dinner, Devotions. Everyone Welcome

J. Paul Sheedy* Switched to Wildroot Cream-Oil Because He Flunked The Finger-Nail Test



HERE'S a sad Lobster tale. Sheedy was really in hot water. His girl kept saying, "The Maine thing I don't like about you is the way you pot your hair! Haven't you red about Wildroot Cream-Boil Hair Tonic? Non-alcoholic. Relieves annoying dryness. Removes loose, ugly dandruff. Helps you pass the Finger-Nail Test. Perfect for you 'claws you need Lanolin on that water-soaked hair." Paul got Wildroot Cream-Oil and now he shore looks slick. In fact, he's in salad with every girl on campus. So if you're net-tled about your messy hair, butter shell out 29¢ at any toilet goods counter for a bottle or tube of Wildroot Cream-Oil, "Your Hair's Best Friend." Ask for it at your barber's, antenna to one you'll be tickled pink!

* of 131 So. Harris Hill Rd., Williamsville, N. Y.
Wildroot Company, Inc., Buffalo 11, N. Y.




This list considered outstanding in the area last week.

- Glow Worm.....Mills Bros.
- The Doggie in The Window.....Patti Page
- John, John, John.....Guy Lombardo
- Trying.....Ella Fitzgerald
- Oh Happy Day.....Lawrence Welk

Largest assortment of records to choose from

Daveau Music Company
FARE, NORTH DAKOTA

Goldsby Leaves NDAC

Miss Alice I. Goldsby, member of the NDAC veterinary science department for eight years, will leave in February for Madison, Wis., to be in charge of parasitological research for the American Scientific Company.

Miss Goldsby, who was graduated from Lynchburg college, in Virginia Polytechnic institute and Utah State college. She came to NDAC early in 1944, and presently has the title of assistant parasitologist. She has published a large quantity of material dealing with her research in the internal parasites of domestic livestock and wild animals.

For the best in—
Haircuts
Shaves
Shampoos
it's the
College Barber Shop

On sale now—
the Norelco Razor
Magazines & Toiletries

Bird Study Discloses Summer Birds Found Wintering In N. Dak.

One pigeon hawk, two robins, three meadow larks and one flicker have been found wintering in North Dakota by a student-faculty team of the NDAC department of zoology.

"Robins, meadowlarks, and flickers usually winter somewhat to the south of this state," commented Frank Cassel, head of the survey group and a staff member of the zoology department, "Our unusually mild winter thus far probably accounts for the unusual appearance of the birds."

Cassel, Paul Johnson, John Schacher, and John C. Challey former NDAC student now attending the University of Minnesota, comprise the group making the 53rd annual Christmas bird study, a nation-wide tally conducted under the auspices of the National Audubon society.

Results of the North Dakota count will be compiled as part of the national study, and published in Audubon Field Notes, official publication of the Audubon society.

The 1953 survey by NDAC is the first one made in North Dakota since the 1910-1930 period when they were conducted as an annual project of Dr. O. A. Stevens, of the NDAC department of botany.

LAUNDRY BAGS—MAGAZINES

STATIONERY—VALENTINES

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From NDAC

What's On Our Mind

'Wheels' Swell Membership Of 25 Defunct NDAC Campus Organizations

Of the 77 non-religious campus organizations at NDAC at least 25 do not justify their existence. According to their description of their organization written for the Bison year-book, these 25 groups do such significant things as send delegates to state conventions, march in parades, inscribe names on plaques, sponsor dances and hold bake sales.

What kind of student belongs to these vital clubs? Last week we ran an editorial which identified a "joiner" as a person who "joins everything and participates in nothing." Perhaps the members of the above 25 groups belong only to one organization, but they are still joiners if their groups can claim nothing but a booth at the Little International livestock show. Another question is how 124 members of one worthwhile campus group can all be indispensable members.

From the information obtained from the activities questionnaire which all students fill out during fall term registration, we learned that one student listed 21 organizations and many students had checked 15 groups. What kind of contribution can such students give their organizations? Many students are seduced into joining various groups by the glamorous descriptions given by members and by the security the membership offers. And many are seduced by the old adage, "Blessed are they that travel in circles, for they shall be called 'wheels'".

But once students realize how superficial the group is, and how many evenings they waste attending meetings, why do these students continue throwing money away for dues? And why do active members, after realizing how little joiners contribute, allow them to pay dues

Why do students waste their time on defunct groups? Or why do they join active groups to only rest on the laurels of genuine participators? We could, at least, do three things of more value:

- 1. Raise more hoopla, oftener.
2. Study (pardon the expression).
3. Join only worthwhile organizations that are perennially in need of help, and whose activities are obvious.

Femme In NDAC Engineering School Finds Fellow Students Cooperative

by Joan Evenstad

The female-male ratio at NDAC is the topic of many conversations but the schools of engineering and agriculture really have the odds. They each have one girl in contrast to the 493 and 347 men enrolled.

Merilyn Carlson is a junior in architecture and according to her, "It has its ups and downs". Mrs. Janet Love is majoring in horticulture and is going to school as a sideline to her main duties as housewife and mother.

Merilyn, the first woman I interviewed, tried to impress me with her new-found knowledge.

"Did you know that a two-by-four is really 1 and 5/8ths by 3 and 5/8ths?" she enthusiastically demanded.

This vivacious gal decided on medicine while in high school but due to a North Dakota State Employment Aptitude test she learned her major aptitudes lie in the field of design and creative art. Her highest score was in architecture—so she enrolled in that school in the fall.

"I had no building experience so the whole thing was very new to me and I had to start at the beginning. The first week was awful because I was living off campus and all my classes were all

male. I wondered if there were any girls at NDAC." she reminisced.

Since then she has gotten used to answering to the name of Mr. Carlson in class and living at the Phi Mu sorority house has made up for the lack of girls in her classes.

"Are the courses hard? No, I just love it. English was my hardest course. The work is mostly lab but it is so fascinating. The fellows are very cooperative and very nice to work with. This summer I plan to work in an architect's office to get some practical experience", she confided.

Petite Mrs. Love is enrolled as a special student so she has time for her home and family. This quarter she is taking eight hours—of algebra and propagation of plants.

Mrs. Love attended the UND and majored in merchandizing and marketing in the school of Commerce. However, it wasn't until they moved to Fargo and bought a home that she developed an interest in horticulture.

"I originally decided to take a couple of courses to find out how to grow things in my own yard. The more I learned, the more I became interested and many more questions formed in my mind. Before I quit I'll have to take everything to answer all my questions" she commented.

Her second year of work, she finds very stimulating. "Studying is somewhat difficult as I never have anyone to talk over the problems with. Another disadvantage I have, my lack of background never having been a farm girl."

Mrs. Love's husband and ten year old daughter are very interested in her college work, although Mrs. Love suspects it is more amusement than interest on her daughter's part.

Both of these energetic personalities are enjoying their work tremendously, as one can tell by hearing them talk and watching the expressions of interest on their faces.

Social Spy . . .

Phi Mus Pledge; SPDs To Entertain

by Grace Lehman

By golly she's been a bissey veek. Say, ve got veddings und parties und yaa—even a pledching.

Something Old, Something New . . . Theta Chi Don Eyolfson and Madeline Rieger of Denver, Colorado were married over Christmas vacation.

CONGRATULATIONS

. . . go to the new Phi Mu pledge, Marianne Hunke.

THE HIGHLIGHT

. . . of the coming week will be the Bromo Bowl which will be held at Dacotah field on Wednesday afternoon. The Gamma Phi Beauties and the ATO Beasts will meet in the arena under their noted captains Whitey Clark and Moses Erickstad, ATOs, and Kay McGeary for the Gamma Phis.

THETAS

. . . will be celebrating their Founders Day at a tea Sunday. The Mothers' club has presented the Thetas with a new set of silver service.

ALPHA GAMS

. . . will be the guests of the Sigma Phi Delta house on Tuesday for an afternoon of relaxation.

ATOs Are Back In Business

. . . again after the recent fire. The redecorating is completed and the new draperies and rugs will be here this week. Looks like we'll have to pay them a social call one of these days.

Settin' The Woods On Fire

. . . Tonight's the night, and snow or blow, rain or shine (shine?) we uns will be filing in for one of the social events of the year, the Interfrat Ball.

By the way don't forget that next Friday is ladies choice.

Sigma Chis Elect Peterson

Sigma Chi fraternity elected Vern Peterson president. He is a member of Tau Beta Pi, Pi Tau Sigma, American Society of Mechanical Engineers and Interfraternity council.

Other officers include vice president, Wayne Mensing; secretary, August Katzke; treasurer, Kermit Lidstrom; house manager, Ralph Welken; social chairman, William Feeney; rushing chairman, Eldred Morgan; and athletic chairman, Andrew Lindvig;

Pledge trainer, Richard Hermanson; editor, Glenn Smith; corresponding secretary, Al Kosir; historian, Berard Masse; alumni relations, Richard Pratt and scholarship chairman, Carroll Drablos. Walter Fogel, Glenn Smith and Vern Peterson are representatives to the Interfraternity council.



Vern Peterson

Community Theatre Production Claims NDAC Students For Ballet Number

by Wesley Rae

Recent among the wailer's contributions for student entertainment are Hugo Winterhalter's arrangement of "Blue Violins", "Yours" by Vaughn Monroe, and Frankie Laine's "I'm Just a Poor Bachelor". Last week a cutie by Patti Page, "How Much Is That Doggie?", hit the record shops.

On Monday nights, tune your radio to a couple of hours of variety music on WDAY. The Railroad Hour, with Gordon McRae as host, gives the best in light selections from famous musical shows. The Firestone and Bell Telephone hours present excellent classical numbers, and the City Service Band of America provide band music with interesting instrument-

al innovations on old favorites.

Later this month, the Fargo theatre will show Victor Hugo's immortal "Les Miserables". The movie sticks to the narrative omitting the usual sensationalism that historical pictures seem to breed; and, by sticking to the narrative, much of Hugo's philosophy is lost. But then, who goes to a movie for a lecture?

Those of you who missed "Carrie" at its last Fargo showing can see the picture at the Moorhead theatre on Jan. 28-29. The team of Jennifer Jones and Laurence Olivier makes this show a "best".

Jan. 28-30 the Fargo-Moorhead Community Theatre will present "Showcase '53", a group of variety acts in the college YMCA auditorium. Francine Simons, Joyce Ruth-erford, Dorothy Lund, Arlyss Elliot, and Chuck Abrahamson are participating in one act which demonstrates through modern ballet that "love make the world go around."

For the best in literary entertainment, station CBW in Manitoba presents on Wednesday evenings a program of dramatizations and music from 7 p. m. to midnight. String quartets, symphonies, and performances by Canada's rising young musicians make up the musical portion of the program. In the past, a dramatization of Hamlet in French, and A. E. Housman's poem The Shropshire Lad poetry have been given.

At 8 p. m. Sundays, CBW presents "Stage 53", which deals with unusual dramatizations of classical and contemporary plays and novels. Recently Alice in Wonderland was effectively presented.

Campus Sign System Up For Discussion

The meeting was called to order by Pres. John Dean. Minutes of the last regular meeting were read, amended and approved. Dale Poppel commissioner of Military and Athletics was absent. Clark Ewen moved that the absence be excused.

Mancur Olson reported on the reaction of the administration to the suggestion of the student government that a system of signs and directions be constituted on campus.

In accordance with the administration, the Commission decided to ask various sign companies to present sign models and estimate the cost to the commission before arriving at a final decision.

The meeting was adjourned on a motion by Monte Piper and seconded by Clark Ewen.

Respectfully submitted, Mancur Olson, Secretary

LITTLE MAN ON CAMPUS

by Dick Bibler



"It's a disgrace to think a book could be missing for 3 years—put a tracer on it and phone my office immediately on any information—and furthermore—"

THE SPECTRUM

Published every Friday at Fargo, North Dakota by the NDAC Board of Publications, State College Station, Fargo, North Dakota. Subscription rate \$1.00 per term. Entered as second class matter December 10, 1945, at the Post office at Fargo, North Dakota, under the act of March 3, 1879.

- Editorial— Dorothy Morrow
Editor-in-chief— Renee Baker
Managing Editor— Ruth Haynes
Editorial writer— Sam Lowe
Sports editor— Lorrie Brown and Grace Lehman
Social Editors— Janet Abrahamson, Lee Johnson, Betty Lou Danielson, Norman Reinke
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Music Club Federation Offers Prizes For Original Compositions By Students

Prizes of \$150 and \$100 will be offered in the Eleventh Annual National Composition Contest for Young Composers, sponsored by the Student Division of the National Federation of Music clubs.

In addition, a \$600 scholarship for a summer's study at Indian Hill, Stockbridge, Mass., will be awarded one entrant between the ages of 16 and 18. The contest is open to citizens between the ages of 16 and 25, inclusive.

One of the classifications is for a small instrumental ensemble of 3 to 9 instruments, and the other is for a large instrumental ensemble of 10 to 30 instruments.

Anyone interested in entering this contest may secure a copy of the rules by writing to the state contest chairman, Prof. Philip B. Cory, Box 86, University Station, Grand Forks, North Dakota. The contest closes March 25, 1953.

Dr. Posin Advocates External Approach To Solve Problems, Achieve Happiness

by D. Q. Posin

Bertrand Russell has just written an article called 'How to Be Happy in 1953' (see magazine "United Nations World" for January. Ask Dean Stallings or shell out 35 cents).

Most of us, I believe, could profit from the words of that calm pipe-smoking philosopher, with the white hair and an aura of deep yet ethereal wisdom.

Now since Russell has taken on the year 1953, naturally I am not going to compete with him—I'm not calm, I don't smoke a pipe, and I'm not a philosopher. True, I, too, have a kind of aura about me, but my wife insists that it is merely Keedy's cigar-smoke, settling on my clothes and crawling into my hair as it wafts (to use a generous term) through the PHYSICS Building.

Professor Henning, of course, thinks it is the ARCHITECTURE Building—but this failure to yield gracefully is one of those things

that will make him unhappy in both 1953 and 1954. Whereas, if he accepts the obvious reality he can be quite happy until April 1955, when the new salary schedule is announced.)

To return then: let Bertrand Russell make you happy this year, but I hereby offer you what I am tentatively calling "My Wonderful Thoughts" (hereinafter to be referred to as MWT) for happiness in 1954. As a matter of fact, I have just figured out that MWT will make you happy not only during the entire year 1954, but even for three weeks of 1955—till 2 p. m. of Jan. 20, to be exact. Always assuming that you are smart enough to listen to intelligent advice.

But to Return to both Russell and me: Here is Russell (When we get through with him we will of course have a section called Here is me). The cure for various of our evils, says Russell, lies A, in institutions, both political and economic; and B, in the individual's conception of

what constitutes a good life.

To take care of A, above, Russell points up the need for more cooperation—both on the local level and on the international level—and less competition.

To take care of B, he gives a number of suggestions, about as follows:

1. Do not spend all your time on your single main preoccupation (For college students this, presumably, would mean Don't Spend All Your Time on Studies; for college professors it might mean Don't Spend All Your Time on Students)
2. Let some things just happen—as opposed to being brought about by your volition.
3. Enjoy things which are not "important"
4. Don't forego all present happiness in order to avoid future suffering
5. Avoid artificial happiness like that sought via liquor—it is hectic and unreal
6. Try to achieve confidence, and be carefree
7. Learn to conquer fear

Enough of Russell—I think that everyone will agree that I have been patient and modest long enough, waiting for him to get these things off his chest. So,

Here is me and MWT: 1. First, I have no quarrel with his large point A, and the indicated solution. 2. I also agree with the seven points under B—the points which show how to wrestle with yourself, but that is doing things the hard way: it is an attempt to master a whole series of situations—it is like running a pretty bad obstacle course. How do you, for example, achieve confidence? How do you conquer fear? Which things are not "important"?

The trouble here is that Russell bids us solve our problems through an internal approach; we struggle within; we think of ourselves; we do not have an external objective view; we have no larger aim, no dream of saving the world, no inspiration to free ourselves from self-contemplation.

And so long as we think of our own problems and how to make ourselves happy, we're going to have a deuce of a time.

The problem of our happiness should be approached by forgetting about our happiness, and by trying, instead, from on high, to see the relation of man to the earth, of the earth to the solar system, of the solar system to our galaxy, and of our galaxy to the Universe. If we understand our place in the World, then, we will automatically achieve everything that Russell discusses in the seven points above.

(I am, suddenly, too modest to tell you whose book you should read to get these various liberating perspectives. And so cheap. Oh my! Get it? Well then get it.)

But more than achieving our happiness, we will find it to be true, that he who loses his narrow view, his internal view—he, who in this sense "loses" his life, will identify himself with the entire Universe, and thus will find immortal life, eternal.

Which is longer even than the whole year 1953.

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Bernard F. Pierce
University of California



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Lois Epstein
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M Basketball Completes Two Rounds; Ten Squads Remain On Undefeated List

The intramural basketball and volleyball seasons are currently one third completed with ten undefeated basketball teams and two volleyball squads carrying unblemished records.

With 37 games completed on the hardwood schedule, all 31 teams entered in the league competition are still in contention for the title and trophy, won last year by the

Alpha Gamma Rho five. In the volleyball bracket, only the Alpha Tau Omega (1) and Kappa Psi teams are undefeated. The AGR netmen also took this crown last winter.

Team standings:

BRACKET 1		
AFROTC (1)	2	0
Dorm (2)	3	0
Kappa Psi (2)	2	2
Sigma Chi (2)	1	1
Co - ops	1	1
AGR (2)	1	1
ATO (3)	1	2
SPD (1)	0	3

BRACKET 2		
Theta Chi (1)	3	0
Sigma Chi (3)	2	0
AFROTC (2)	2	0
Kappa Sig (1)	2	0
AGR (3)	1	3
YMCA	0	2
Student Body	0	2
SPD (2)	0	3

BRACKET 3		
ATO (1)	2	0
SAE (1)	2	0
Trailer City	3	1
Theta Chi (2)	2	1
AGR (4)	1	2
Fieldhouse	1	2
Farmhouse	0	1
Kappa Sig (2)	0	4

BRACKET 4		
Student Body	2	0
AGR (1)	2	0
Kappa Psi (1)	1	1
Sigma Chi (1)	1	2
ATO (2)	0	2
SAE (2)	0	1

LOST—Kappa Alpha Theta brown card table at the WSSF carnival last Friday night. The table has a checkerboard top and the name Baker written on the bottom of the top. If found call 4869.

The Pugilist . . .



Marty Kraninger, Ag-Jr, will be one of the contestants in the Wahpeton State School of Science boxing tourney to be held Monday through Wednesday, Jan. 26-28, at Wahpeton. The big football player is the lone entry from NDSC and the first boxer from this school to enter such an event in recent years.

Dictator Teachers Stunt Free Thought, Count Tests Highly

Urbana, Ill.—(I. P.)—If a democratic classroom atmosphere yields the best education results—as recent studies have indicated—college classrooms offer opportunities for considerable improvement, according to a study reported at the University of Illinois.

Over 1,000 college students in eight different institutions of higher learning participated in the study made at the University's College of Education by Prof. Ray H. Simson and E. S. Brown and reported in a bulletin entitled "College Learning and Teaching."

Results of the study indicate that in a large percentage of college classes, the teacher tends to be an autocrat and the student is evaluated chiefly on the basis of how much of what has been told him he can remember long enough to be quizzed.

Apparently, very little is being done in college classrooms in the way of encouraging independent thought and research or in offering practice in reaching and trying out solutions to problems. Students are actually being taught to be dependent on teachers for systematic learning, rather than acquiring for themselves the habit of systematic learning which will be useful after college.

In the evaluations the classes in education, music and art scored the highest; biological sciences, social sciences, lowest. Other results noted: Required courses were scored higher in "total learning quality" than electives. Best learning appeared to occur in classes under instructors between 30 and 50 years of age.

Size of class had no significant effect on the score, suggesting that better teaching does not necessarily result from small classes. Classes conducted by the lecture method received the lowest ratings from the students. Further, almost 50 per cent of the classes were labeled predominately lecture.

Vet Science Short Course Set Here

A veterinary short course for practicing veterinarians is scheduled for the Van Es laboratory, ND-C, Jan. 19 to 21, according to Dr. F. Eveleth, head of the college department of veterinary science. The short course will consider recent developments in the field of veterinary science. Speakers for the course include Dr. Glenn Holm, Dr. William Dinusson, Dr. F. M. Bonin, Wayne Colberg, M. L. Buchanan, Robert Richard and Dr. Eveleth of the NDAC veterinary science department.

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Bison Briefs . . .

State Grads Get Jobs; Herbst Talks To Girls

Wayne Karlgaard, fall term graduate of the NDAC school of mechanical engineering, has secured a position with Northwestern Bell Telephone company in Fargo, ac-

ording to Professor C. O. Anderson.

PHYSICS GRAD

Gerald M. Haibick, '51, recently completed a year's fellowship at the Oak Ridge School of Reactor Technology, according to Dr. Posin, head of the physics department. Upon completion of his course of study, Haibick left for the west coast where he will work on atomic engines.

HERBST SPEAKS

Guest speaker before the home economics class in consumer buying, Friday, Jan. 23, will be Robert Herbst, Jr. He will discuss "Consumer-Retailer Relations."

The class of 65 sophomore girls is taught by Miss Mildred Hawkins and Miss Constance Leebe of the home economics staff.

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MARCH OF DIMES
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JANUARY 2-31

Marine Officer Candidates To Receive Specialist Training At Service Schools

All college seniors and graduates who enroll for the Marine Corps Officer Candidate Course which convenes March 12, will receive additional training as officers, Marine Corps Headquarters has announced.

After completing basic officer training, half of the new officers will be assigned to specialist train-

ing at Marine Corps Schools, Quantico, Virginia, and other service schools.

Such schools as Engineering, Supply, Tank, Naval Gunfire, Artillery, Motor Transport, Communications and Naval Flight Training are being utilized to the fullest extent. The remainder, the announcement stated, will be assigned to various billets in the Fleet Marine Force.

The Washington announcement said officer training programs are open to both married and single college graduates, and seniors who graduate between now and 15 February 1953.

Once selected, applicants attend a ten-week Officer Candidate course at the Marine Corps Schools, Quantico, Virginia. Upon successful completion of this course, candidates become second lieutenants, and start a five month Special Basic Course (included as part of the two years of active duty as a commissioned officer).

Waldera At Marine School In San Diego

Gerald J. Waldera is attending the Marine Officer Candidate School. He is presently stationed at the Marine Corps Recruiting Depot in San Diego.

Waldera was enrolled at the ND-AC during 1948-52 in the school of arts and science. He is a member of the Sigma Alpha Epsilon fraternity. His brother, Roman R. Waldera, Jr., is currently enrolled in the school of pharmacy.

'Gunning The Flyways', Prize-Winning Film Here Next Wednesday

Gun smoke, salt air and swamp will be brought to the campus sportsmen in the prize-winning picture, "Gunning the Flyways," at 4 p. m., Wednesday, Jan. 28, in Room 207, Chemistry building, according to Dr. F. E. Dunbar, Dean of the School of Chemical Technology.

The full-color film depicts wild-life hunting in this country and Canada. Blue goose hunting on the tundra near James Bay, Canada; broadbill gunning on Long Island Sound; hunting for mallards over the pin-oak flats of Arkansas are some of the experiences photographed. Thousands of feet of film were shot on location and edited into the final 30 minute movie.

The new film, provided by the Remington Arms Co., of Bridgeport, Conn., has won high honors in a nationwide contest. Its popularity has prompted television networks and local stations to show it—many of them more than once.

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