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## June 20, 1968

The Dakota Student

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# THE Summer Student

SUMMER SESSION

UNIVERSITY OF NORTH DAKOTA, GRAND FORKS, N. DAK. — THURSDAY, JUNE 20, 1968

NO. 1



A camera crew from Capitol Films was on hand Tuesday to document the opening orientation session of the UND New School of Behavioral Studies in Education. A 28-minute color film is being made to explain to the nation unfolding developments within the New School and the larger state-wide implications set down in the North Dakota Statewide Study of Elementary Education. Dr. Vito Perrone, director of the New School, conducted the session.

## Math, Physics Units Occupy New Home

The new mathematics-physics building is now occupied and classes began Monday.

All personnel and most of the equipment for both departments has been moved in. Only the large, heavy equipment for the physics department remains to be transferred from the old building to the new.

The physics department occupies most of the basement and the first two floors of the \$1,250,000 building; the mathematics department is housed on the third floor.

Special features of the build-

ing include a large lecture hall with seating for more than 200 students and fully - equipped laboratories for student use and research. Provisions have been made for the future addition of closed circuit television through out the building.

Offices for faculty members are grouped around the individual department's general office area.

The new building is located on the eastern edge of the campus between Leonard and Abbott halls. Dr. Olen Kraus is chairman of the physics department and Dr. Ronald Bzoch is chairman of the mathematics department.

(EDITOR'S NOTE: The Summer Student will have a picture page feature of the mathematics building next week.)

## \$80,000 Remodel Job Will Expand U Center Facilities

An \$80,000 remodeling and reconstruction project is underway on all four floors of the University Center to "expand the service available to students," according to Peg Will, acting director of the University Center.

The largest area of construction is on the east end of the fourth floor when a floor was added above the Dakota Lounge. The new area will have a two-fold use. Part of the space will be a music listening room which will have more seating area and more facilities than the present one has.

The other part will be an open area for arts and crafts. Patterned after other college handicraft areas, it will have the material and kiln for ceramic work and tools and materials for woodworking and other handicraft.

No supervisor has been hired for arts and crafts yet.

Other construction on fourth floor includes the conversion of the summit room from an open study area to what will be the University Art Gallery and storage rooms.

On the third floor the wall between the sign service room

## Orban in Charge Of Summer School

Donald K. Orban is director of summer sessions at UND this year succeeding Dr. Kent Alm who became vice president for academic affairs at Mankato, Minn., State College last fall.

Orban is assistant professor of speech and director of speech fundamentals and forensics at UND. He joined the faculty in 1966.

He is working toward a Ph.D. degree in rhetoric and public address at the University of Indiana where he will return this fall to complete his studies.

and a storage area was removed and the space will be converted into a meeting room.

An office is being constructed in the student activities area on the main floor (second) which will house the secretary for the organizations in that area and for the Student Activities Committee (SAC).

The space now being used as a music listening room in the basement will be converted into several small meeting rooms.

Construction is expected to be completed by late fall.

## New School Enrolls 54 Students

A class of 54 students began work Tuesday toward a master of education degree when courses in the New School of Behavioral Studies got underway.

The day marks the beginning of an eight-year experiment seeking ways to offer North Dakota children an improved and uniformly sound elementary school education.

The New School at UND is headquartered at Lake Agassiz elementary school in Grand Forks during the eight-week summer session. This arrangement will permit students to combine course work in the humanities and the behavioral sciences with clinical practice in the classroom.

A core faculty consisting of 12 behavioral scientists and specialists in the humanities or in educational research and a number of summer faculty and consultants will work with the students during the summer.

Dr. Vito Perrone, who takes over as the first New School director on July 1, led an orientation session for the students on Monday.

A crucial part of the summer work for the master's students will be the study of psychology, sociology, cultural anthropology and economics. The objective is to thoroughly acquaint the future elementary school teachers with the behavioral approach to teaching. Research associates hired by the New School will assist the students in design and execution of research required for the master's theses.

Upon completion of the summer term, the master's degree candidates, some of whom have had prior teaching experience, will be organized into instructional teams of three to five persons. The teams will spend their 1968-69 school year serving as teaching residents at one of the 13 school systems which have agreed to act as cooperating districts with the New School. Each team will free other experienced teachers who do not have bachelors' degrees to enter the New School program this fall as juniors or seniors.

About 40 grade school age children from Lake Agassiz and West School have been selected to enable faculty members and consultants to demonstrate their instructional methods under realistic classroom situations.

The boys and girls will attend two-week sessions during July and August. There are two age groups, 5-7 and 8-11.

Individual study, team teaching and group instruction will replace the "class" in the usual sense. The children will be under direct supervision of two fully-certified teachers.

All instructional materials and equipment at Lake Agassiz will be available for the pro-

gram and be supplemented by additional materials supplied by the New School.

A major objective of the New School program is to place 1,950 qualified teachers in the state's elementary schools by 1975. The recently completed Statewide Study (Alm Report) found North Dakota ranked last among the states in the degree of preparation of its elementary school teachers.

About 60 per cent of the state's 4,500 elementary teachers were found to hold less than a bachelor's degree in their field of specialization.

The New School's Experimental Teacher Exchange Program proposes to remedy the situation by placing master's degree candidates in classrooms of cooperating districts. This arrangement will free other, less qualified teachers to return to college.

Teachers seeking the baccalaureate degree may enroll in the New School as juniors or seniors. The curriculum at the junior level will stress course work in the behavioral disciplines. The senior year will involve carefully supervised resident internships during which the teacher will learn more about diagnosing problems which hinder learning and applying behavioral knowledge and methods in order to overcome those obstacles.

## Dean Dickens Quits

Nancy M. Dickens, Dean of Women, has resigned her position after two years at UND, according to the Office of the President. She will assume a similar position at Northern Texas State, Denton, Texas.

Dean Dickens will leave UND at the end of August. A replacement has not yet been found.

## Med School Gets Million

The UND Medical School received a "generous gift" of nearly 1 million in the form of a trust fund left by a former student.

Ray Duggan of Great Falls, Mont., who died in May, attended UND in 1910 and 1911. The income from the trust, about \$60,000, will provide funds for the Ray Duggan Scholarship for worthy pre-medical and medical students and internists at UND.

Dr. T. H. Harwood, dean of the Medical School, welcomed what he termed a "generous gift from Mr. Duggan" and stressed the need for scholarships of this type.

Since a large percentage of UND students come from low-income families, scholarship and loan funds are badly needed, he said.

Duggan, a native of Grand Forks, operated a plumbing business in Great Falls. His father was a medical doctor in this city.

The announcement of the

trust fund was made by J. Lloyd Stone, executive vice president of the UND Alumni Association.

## First Convocation Next Thursday

A newspaper columnist from Winnipeg will open the summer sessions convocation series next Thursday night.

Gene Telpner, who writes a daily column and feature articles for the Winnipeg "Tribune," will speak at 8:15 in the University Center Ballroom. His topic is "The World Is My Beat."

Telpner won the Canadian National Newspaper Award in 1960 for a story on corneal transplants. A native of Omaha, Neb., Telpner has lived in Canada since 1949.

The convocation series is free and open to the public.

## Pre-Registration Proceeding Well

Pre-registration of UND's 1968-69 freshman class is proceeding "real well," according to University College authorities.

The registration began June 3 and will continue until Aug. 2 with up to 1,400 freshmen expected to take advantage of the special summer program which is in its fifth year.

Appointments have been arranged with students who have been accepted for enrollment, and about 50 will visit the campus each day for registration procedures, according to Luther Bjerke, UND director of high school relations.

The program is conducted in Room 405, Twamley Hall.



# 400 Register in Summer Session Workshops, Institutes, Programs

Over 400 persons have enrolled in 11 institutes, workshops and special programs beginning this month.

The five courses which began Monday and will continue through Aug. 10, include studies for teachers and high school students in science, earth science, chemistry and driver's education.

Seven persons registered for the Research Participation Program for High School Teachers. The program is supported by a grant from the National Science Foundation for the purpose of strengthening research and education in science and mathematics.

Another science program, the Summer Institute for High School Teachers of Science, is being offered at UND for the

12th consecutive summer. One hundred and thirty-five persons have registered for the institute which is designed for teachers of science who have no area of specialization.

The summer Institute in Earth Science for Secondary Teachers has registered 24 persons and is designed to utilize the newly developed investigative approach of earth science.

The Summer Session for Gifted High School Juniors has enrolled 33 students who will have the opportunity to earn from six to nine hours of college credit before graduation from high school.

A driver education course to study the nature and scope of traffic safety problems and methods of teaching to high school students is being sponsored by

the Industrial Arts Department. Fifteen persons have enrolled in it.

"Interpreting Industry in the General Shop" is the theme of the Institute for Advanced Study in Industrial Arts in which 25 teachers from 15 states registered. The Institute continues from Monday through Aug. 10.

Two science research programs began Monday and will conclude Aug. 9.

One is the Biology Research Program for High School Students in which nine persons have enrolled. They were selected last fall.

The other is a Research Participation in Science for Undergraduate Students in which the four registrants will do active research and become acquainted with the philosophy and methods of research.

The High School Speech Institute, which began Monday and will continue through July 13, includes studies in debate, theater, radio and television. Thirty-three persons enrolled in the institute.

A program for elementary teachers, the Institute for Advanced Study in Reading, began Monday and will conclude July 26. The areas for instruction are basic reading, linguistics and literature for young children and reluctant readers; 45 persons enrolled.

The Summer Institute of Linguistics is designed to teach the skills necessary for learning, writing and describing unwritten languages. Seventy-eight persons registered for the institute which began Monday and will close Aug. 23.

The largest special summer program which anticipated an enrollment of 2,600 is the International Music Camp and Music Directors Workshop. The 113th annual music camp opened Monday at the International Peace Garden and will include seven one-week sessions.

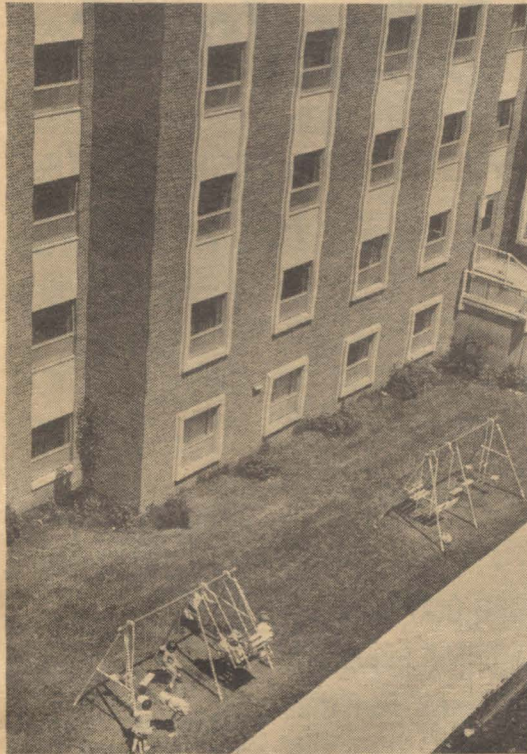
## 3 Administrators Resign Positions Effective July 1

Three UND administrators have resigned their positions effective July 1 to accept assignments at other institutions.

They are Dr. Ronald E. Barnes, vice president for student affairs; Dr. Milton B. Larson, dean of the College of Engineering, and Dr. Craig Millar, University Center director and coordinator of student activities. Dr. Barnes, who has also participated in the organization of the New School, will move to Prescott, Ariz., where he has accepted a position as vice president for student affairs at Prescott College. He came to UND in 1966.

Dr. Larson will join the Ford Foundation program of Faculty Residencies in Engineering Practice at the E.I. du Pont Company's plastics plant in Parkersburg, W.Va., for the next 14 months. He plans to return to the education field, although his plans are indefinite at this time. Dr. Larson came to UND in 1964.

Dr. Millar, who was also assistant professor of counseling and guidance, will be associate dean for student life and director of the Union at the University of Rochester, N.Y. Dr. Millar came to UND in 1960.



Swing sets were erected for the children of students living in McVey dormitory part of the West Green complex. The dorm has been converted to a family-living unit for the summer.

## Mamas and Papas Live In Boys' Dorm, McVey

By CONNIE NESS

Halls and lounges that used to be cluttered with bottles, books and athletic bags are now strewn with bibs, balls and clothes baskets.

McVey Hall, on the West Green Complex, is married housing—for the summer.

Walsh Hall, too, is for married people, but without children.

The families, mostly here for either the science, industrial or earth science institute, have trouble finding an apartment downtown for just the summer months and the married housing units are forever filled, so they rent a suite and move in with their clothes and kids.

There are problems—yes. But so far the arrangement seems to be working.

The main problem seems to be in getting to and from the Squires Dining Hall. Most of the families have board contracts since cooking in the rooms is forbidden. So parents have to walk with their babies and toddlers three times a day to meals two blocks away. If it's raining and they take their cars, parking is a problem.

Some mothers don't have a problem until they reach the dining hall.

"I have no problem getting

my children to the dining hall—just rather nervous moments while they're filling their trays."

Right now students and families are eating in the same dining room. But Squires may be split, south and north, so that one side is for families only.

Changes have been made in the dorm to meet the changes of family living.

Refrigerators have been installed, one on each floor. They are primarily for baby formula and food.

Clothes lines are being set up outside and an additional washer is being installed downstairs. There is a fenced-in area with playground equipment. A volleyball net may be set up for the older children. And there are more bike racks.

Also for the first time the campus will have a summer athletic program for kids age 8 to 13.

Problems that haven't been met yet are cribs and babysitters. There aren't any cribs, and there aren't any babysitters. The mothers may organize, though, and set up a day nursery.

Communication is another problem. The families don't quite know what's happening to programs for the children. And how do you inform a dorm-full of parents and kids?

According to Ronald Volden, director of housing, how McVey fares this summer will be the test to see if the program will be continued next summer.

"We hope it will be successful this summer. We're a little apprehensive about crayon marks across the wall..."

So far there aren't any crayon pictures on the walls, but there are grocery carts in the halls and a sign on the elevator door that says, "Parents: Please caution youngsters against using the elevator for play. It sometimes stops between floors."

## Summer Strollers Progress In Valley of the Pilgrims

By DAN DANIELSON

And as the Prudent Pilgrims reached the Commencement Pass on their way to the Heights of Knowledge, they looked back upon the Pilgrims yet behind them.

And they beheld a large body of Summer Pilgrims yet making their way through the Valley of Enlightenment. And these Pilgrims were of three kinds:

There were the Lackadaisical Wayfarers. These were those of

whom the Prudent Pilgrims had said, "Thou carest not. Yea thou dost not care that thou dost not care." For, they did not care. They were only about to enjoy their sojourn in the Valley. Beyond the Valley they knew lay the Land of the Cold Cold World Outside. And they loved the Valley and the benches along the way.

And there were the Three-Year-Plan Pilgrims, known to the erudite as the Overachievers. These were running through the Valley with post haste. For they were consumed with a holy lust for learning. And as they ran through the Valley they called to one another, "We saveth the money... we saveth the money." Thus consoling each other.

And there were the Panicked Pilgrims. These were those who had once been Lackadaisical, but with the passage of time had learned that they should be at the Commencement Pass and were late. But this did not panic them. They lived in Grave Fear of the great Draft-Headed Eagle, who was known to swoop down upon unwary male pilgrims and loft them off to its nest in the sky, whence they could not return for three years. And since these pilgrims were nearer the Pass than the others, they called to each other as they walked, "It is only three more hours to the Pass... It is only five more hours to the Pass"; for they were sore afraid.

But these Pilgrims were not unhappy. They knew that the Summer Stroll through the Valley was one of great pleasure and high moments. For then even the Taskmasters were friendly, and the whips did ne'er lash as frequently as the Winter Stroll.

And the Prudent Pilgrims looked back at them with great distaste, saying among themselves, "Thank thou the Lord, that we are not as they, being Prudent and never a wastrel of our money."

And the Pilgrims yet in the Valley of Enlightenment did look with distaste and a slight bit of jealousy on the Prudent Pilgrims, saying among themselves, "Behold the fools, for they have sold their lives for their time."

And all were greatly self-satisfied.



## Perrone First Head Of U New School

Dr. Vito Perrone, dean of graduate studies and common learning at Northern Michigan University, Marquette, Mich., will assume duties July 1 as director of UND's New School of Behavioral Studies in Education.

Dr. Perrone will be the first director of the New School, which began operations this summer.

He had been at Northern Michigan since 1962 where he served as chairman of the University Faculty Senate from 1965-67, and as dean of common learning and graduate studies since 1966 and 1967 respectively.

Dr. Perrone was active in educational affairs in Michigan where he was a member of the Advisory Council to the State Board of Education for the development of a state plan for higher education. He is a consultant to the State Department of Public Institutions for International Education.

Dr. Perrone received his undergraduate and graduate degrees from Michigan State University between 1954 and 1963.

## The SUMMER STUDENT

Published weekly on Thursdays during the Summer Session except during the July 4 weekend when it will be published on Wednesday.

Printed at the University Press, Joe W. Hughes, manager; Ralph Weisgram, plant superintendent.

Editor.....Janet Adam  
Contributors include Daniel E. Danielson, Connie Ness and Tim Marvin. Photo credits: John Bernard and UND Bureau of News and Information.  
Faculty Advisor...Hanno Hardt



# Campus Traffic Pattern Planned By UND Long Range Committee

A new campus traffic pattern is among programs advanced for the future of the University of North Dakota by the Long Range Planning Committee.

Established in 1966, the LRPC has been headed by Dr. W. E. Koenker, vice president for academic affairs, since its inception. In September 1967 the group issued a printed booklet, "Priorities for Progress," which contained the crystallization of ideas that had been pondered for a year by past task force committees made up of 111 faculty and administrative officers and 40 students.

Reports on progress concerning implementation of recommendations in the LRPC publication were submitted by Dr. Koenker at the close of the 1967-68 academic year.

## Points Listed

Information presented in the reports include:

—A new organization chart for the University of North Dakota has been drawn up and printed.

—Now existing in written form is a statement establishing uniform administrative procedures for Williston Center and Ellendale Branch.

—Board of Higher Education is establishing a statewide policy on sabbatical leaves, which becomes a part of their comprehensive plan for state educational institutions.

—Arrangements for University Archives have been formalized with the appointment of an archivist and a committee.

—UND Parking Committee has been working with municipal authorities to develop a plan to restrict parking on the south side of University Avenue from Smith Hall to Cornell St. This policy is expected to go into effect in September 1968.

—A 600-car paved parking lot between Stanford Road and Yale Drive will open in September 1968.

## New Street Included

The long range plan for campus traffic control calls for a street leading from Stanford Road easterly along the railroad and tying in with Cornell (by Leonard Hall). Vehicular bridges will be built near the Phi Delta Theta fraternity house and about 40 feet northwest of the existing dam by Smith Hall. Eventually, portions of University Drive (entry gate to Burtness Theatre, Harrington Hall to

exit) will be closed to all but service vehicles.

—The percentage of the budget devoted to faculty salaries has increased. The recommendation to raise basic salaries so the all academic ranks are in the "B" minimum to average category of the American Association of University Professors has been achieved for three of the four ranks. University salaries now rate as follows: professor, C; associate professor, B; assistant professor, B; instructor, A.

—In the 1969-71 biennium the University feels it can attain the recommendation that financial support for library services be five percent of the total institutional budget. The current level is about four per cent.

## TV Add

—As new classroom buildings are built, they are equipped with CCTV facilities. This policy began with the Mathematics-Physics building. In all classroom buildings on the campus, specified rooms have been equipped with CCTV.

—An attempt has been made to employ full-time secretaries in all departments with five or more faculty members. Since the report was published last September, five departments have added full-time secretaries.

—A recommendation was made that a study be conducted of possibilities of re-zoning the campus area to allow for a mixed residential and business section. Residential areas have expressed strong objection to re-zoning, but a proposed new industrial and business section west of the spur railroad may lead to the development of a shopping center.

## Students Appointed

—Seventy-two new married housing units for faculty and students will be built as soon as federal funds are available. The units will be built west of the eight-plexes on Berkeley.

—The convocation committee has been restructured to include four students. A new committee appointed by the Council of Presidents will attempt to achieve inter-institutional co-

operation in scheduling speakers and convocations.

—Funds this biennium were not adequate to employ a Director of Libraries. This position has been recommended for inclusion in the next biennial budget.

## Faculty Improved

—It was recommended that the quality of the faculty be improved by replacing those with doctorates leaving UND with doctorates. Replacements for 1968-69 include: ARTS AND SCIENCES, 27 persons have resigned and have already been replaced; of persons leaving, seven had doctorates; of the new people, 10 have doctorates. BUSINESS AND PUBLIC ADMINISTRATION, one unfilled position from last year filled with doctoral degree person. EDUCATION, nine persons have resigned and have already been replaced; two of persons resigning had doctorates, only one of replacements has, ENGINEERING, two new people with doctorates; one person lost, with doctorate.

—The only new program for which approval from the State Board has been requested is the doctoral program in Physics, in which there is judged now to be an adequate faculty to initiate the program.

## Accreditation Sought

—UND is fully accredited from bachelor's through doctoral level by the NorthCentral Association. Individual colleges and departments within the University also seek accreditation by agencies in their specific fields. A first order priority was that "Prior criticism of accrediting agencies resulting in

(Continued on Page 4)



As the day grew older lines grew longer during the Summer Sessions registrations Monday in the Fieldhouse, forming an interesting pattern. Total enrollment figures for the summer session will not be available until tomorrow, according to Ruby McKenzie, registrar. An enrollment of approximately 2,500 was anticipated, according to Donald Orban, director of summer sessions. Last year's summer enrollment was 2,260, a slight drop from the previous year's summer enrollment record high of 2,337.

## Informal Coaches' Clinics To Be Held in Summer

Informal clinics for coaches will be conducted each week throughout the summer session by the Physical Education Department, according to Robert Clayton, director of men's physical education.

The clinics, open to any coach but intended primarily for those attending summer school, will be devoted to a different sport each week and will be led by a number of head coaches.

Participants will meet Monday through Thursday at 7:30 p.m. in Room 315, UND Fieldhouse.

There will not be a set program for the clinics. "We want the meetings to be informal get-togethers," Clayton said. "That way the attending coaches can discuss whatever topic interests them. There will be films and informal discussions." This week's session features

football coaching and is being conducted by Jerry Olson, head football coach. The basketball clinic will be conducted by head basketball coach James (Jim) Rodgers June 24-27. Harold (Pinky) Kraft, head baseball coach, will lead the baseball clinic July 8-11.

The swimming clinic will be led by Clayton July 15-18. Frank Zazula, head track coach, will conduct the track clinic July 22-25. The final session will feature wrestling and will be conducted by Percy Morrison, head wrestling coach, July 28-Aug. 1.

## Draft Discussions Slated for Summer

Discussions concerning the draft status of individuals will continue this summer, according to Tom Davidson.

Topics will include aspects of classification and the role of the conscientious objector.

Davidson, who is teaching in UND's Upward Bound program, said that interested individuals should contact him at 401 Hamline or call 775-6709.

## Library Hours Set

The Chester Fritz Library will be open Saturday from 8 a.m. to 5 p.m. but will observe normal hours starting Monday, according to Linda Dries, Periodicals Librarian.

An exception, however, will be the July 4 weekend when the library will be closed July 4 through 7.

Normal library hours are Monday through Thursday from 8 a.m. to 11 p.m., Friday from 8 a.m. to 5 p.m., Saturday from 1 to 5 p.m. and Sunday from 1 to 10 p.m.

## Geographer Will Lecture Next Week

A British geographer will visit the UND campus next week for two lectures on English landscape.

Hugh Prince, Reader in Geography at the University College, London, will lead a discussion on "Parks and Towns in England" during an afternoon session in the University Center Alumni Room next Thursday at 2 o'clock.

He will also lecture on "English Landscape Attitudes" at 6:30 p.m. in the University Center Lecture Bowl.

The lectures are free and open to the public.

Mr. Prince has achieved a considerable reputation as a historical geographer with special interest in the changing English countryside.

This is Mr. Prince's third visit to the United States; he is presently participating in the National Science Foundation Summer School for Teachers at the University of Minnesota.

## Recital to Be Given Tomorrow Evening

A piano recital by a former UND student will be presented tomorrow night at 8:15 in the University Center Prairie Ballroom.

James Clarke will present compositions by Beethoven, Mozart, Mendelssohn, Schoenberg and Ravel.

Clarke is a 1965 graduate of the university who expects to receive a master of fine arts degree this summer from the University of Minnesota, where he studied performance, theory-composition, music history and literature. Presently he is a music instructor at Southwest Minnesota State College in Marshall, Minn.

The program, which is free and open to the public, is sponsored by the UND music department.

## Sessions for Communication System Began Today in Center Lecture Bowl

A series of training sessions in connection with a new statewide communication system began today in the University Center Lecture Bowl.

The Combined Automatic Telecommunication System (CATS) will go into effect July

1 and ten 3-hour sessions have been planned today through next Wednesday, according to Loren F. Swanson, director of Auxiliary Services.

The sessions will be held each day at 8:30 a.m. and 1:30 p.m.

## June Happenings Still to Come Listed for UND

June 21—Last day for cancelling a four-week course without a grade; last day on which candidates may apply at the Registrar's Office for a degree at August commencement.

June 24—Last day to change registration in eight-week courses.

June 25—Free Movie: "Sons and Lovers," University Center Ballroom, 7:30 p.m.

June 27—Convocation, Gene Telpner, newspaper columnist, University Center Ballroom, 8:15 p.m.; Senior Organ Recital, Sister Mary E. Adelman, First Presbyterian Church, 8:15 p.m.; Hamburger Fry, English Coulee, 5:15 p.m.; Dakota Playmakers production, "The Fantasticks," Burtness Theatre, 8:15 p.m.



# UND Summer Research Includes Big and Small World of Man

Summer research projects at UND are as varied as they are numerous and range from the macroscopic aspects of glacial activities to the microscopic world of enzyme physiology.

Dr. John Reid, a glaciologist at UND, and two graduate students, Frank J. Schulte and Kent A. Johnson are continuing their investigation of the effects of the "Good Friday" earthquake of 1964 which triggered an avalanche burying one-third of the Sioux Glacier in south-central Alaska. Their research is supported by a

\$9,400 National Science Foundation grant.

Also in Alaska working on different projects are Dr. Lee Clayton, associate professor of geology and Robert E. Seidel, assistant professor of geography.

Dr. Paul Wright, associate professor of psychology, will conduct research in interpersonal attraction. He proposes to develop and test a consistent framework within which to investigate the phenomena of friendship and change. The study is supported by the

Campbell Foundation Summer Faculty Research fund and will be conducted on campus.

Dr. W. E. Cornatzer, chairman of the biochemistry department, will continue his investigation of the lipids of sub-cellular particles of liver cells after receiving a \$9,612 grant from the U.S. Atomic Energy Commission.

Dr. Robert C. Nordlie, professor of biochemistry, and Dr. Paul D. Ray, assistant professor of biochemistry, will study the processes of a diabetic's liver and its sugar synthesizing machinery. Both received a grant from the American Diabetes Association.

Two graduate students in the physiology and pharmacology department have been awarded summer fellowships by two national pharmaceutical firms.

Tibor Ritter is studying the effects of high gas pressure on enzyme physiology under a \$600 fellowship from the Merck, Sharpe and Dohme fund. Tetsu Nakamoto is investigating the effects of light energy on the growth of young animals. He received an identical grant from Eli Lilly and Company.



Andrew J. Honve of Grand Forks donated \$10,000 to the College of Arts and Sciences for the establishment of a \$500 scholarship to be awarded annually to a student majoring in Norwegian. The gift was accepted by Dean Bernard O'Kelly and Dr. Arne Brekke, associate professor of Germanic Languages. Mr. Honve was born in Norway and is very interested in strengthening the Norwegian Studies program at UND.

## Director, Staff Selected For UND's Upward Bound

A new director, staff members and tutor-counselors have been selected for the eight-week residence session of the Upward Bound Program at UND.

Duane Lawrence, who has been associated with the program for the past two years, will become project director effective July 1, replacing Dr. Craig Millar, who has left to accept a position at the University of Rochester, N. Y.

Lawrence has been the associate director and a counselor in the program in 1966 and 1967. Prior to that, he was a teacher in public schools in Oregon and Minnesota. He is a graduate of Tower City High School and received the bachelor's degree from Valley City State College and the master's degree in counseling and guidance from UND.

The Upward Bound Program, sponsored by the U. S. Office of Economic Opportunity and UND, is designed to aid economically disadvantaged high school students who may not have had an opportunity for full academic and personal development.

The summer portion of the program began Monday and will continue through Aug. 9 at UND. Ninety participants are taking part. They are students from three North Dakota Indian reservation and six counties in the northeastern part of the state.

Staff members in addition to Lawrence are Richard Harper, UND dormitory program coordinator, who is the program's student life advisor; John Myerchin, counselor for the Education Service Center in Grand Forks, who is counselor for Up-

ward Bound; Russell Anderson, teacher at East Grand Forks, Minn., Central Junior High School, who is teaching fine arts;

Dr. Donald McCaffrey, UND associate professor of speech, who is teaching fine and creative arts; Mrs. Kathleen Lanz, Larimore High School teacher, who instructs in language arts; Percy Morrison, UND wrestling coach, who is co-recreation director, along with Miss Marilyn Ryden, UND assistant professor in physical education;

Thomas Davison, UND graduate from Salina, Kan., who is teaching mathematics and science; Terence Stout, Fosston, Minn., Junior High School principal, who is teaching social studies in the Upward Bound Program, and Gene Martin, teacher at Schroeder Junior High School of Grand Forks, who is teaching social studies.

In addition there are eight tutor-counselors for the program.

## ★ Long Range

(Continued from page 3)

loss of accreditation should be more than met. These programs should have priority as to resources over new programs; otherwise they should be phased out." There are "good prospects" that the graduate program in Education will be accredited when the recent visiting team makes its report to the committee of the National Council for Accreditation of Teacher Education. The recent effort to secure accreditation for Journalism was not successful. Modernization of curriculum, strengthening of staff, more adequate space and library facilities will be required in Journalism. An effort has been made this spring to strengthen the staff in Economics and Management in order that the College of Business and Public Administration may become eligible for reaccreditation. This effort has thus far not been successful.

The Board of Higher Education is still considering the advisability of requiring all schools to shift to a quarter or semester basis. The 4-4 system was recommended to the Calendar Committee for consideration, and was dismissed without adequate consideration.

A new editor has been appointed for the North Dakota Quarterly. The annual abstracts of master's theses will be discontinued and, instead, a list of these will be published in one issue of the Quarterly each year.

The University has inaugurated an agency for research development.

## 'Snark' Magazine To Appear at U Next Weekend

The "Snark," a new campus publication with a new attitude and a new emphasis, goes on sale Friday, June 28.

A collaboration of students and faculty, the "Snark" looks at UND in the light of the country and the world and seeks to illuminate our relationship to the events and crises that too often seem far away and unrelated.

The editors, Wayne Hall and Sally Boland, believe that "North Dakota is the perfect place for a snark, because this state is not, as conventional wisdom would have it, isolated from the issues that disturb and sometimes divide the rest of the nation."

They point out that "as this magazine proves, there is some student discontent here; there is injustice toward and dissatisfaction among our black population, as small as it is; reactionary movements all over the country speak the same language as our home-grown North Dakota varieties."

"It is the purpose of 'The Snark,'" the editors say, "to examine in as much depth as possible the ways in which this state is affected by current national concerns."

But "The Snark" does not espouse any political faction or wing of thought. It speaks, rather, to all points of view, from all points of view, and tries to speak objectively.

According to a summer spokesman for "The Snark," "It has no axe to grind but the axe of honesty."

## Summer Student Needs Writers!!

The Summer Student needs staff members. If you can write, photograph, or do general staff work, stop in at the Summer Student Offices in the Student Activities Area of the University Center. You may even get paid.

## UND Support Fund Drive Tops Goal

Support of the University by UND alumni and friends was termed "tremendous" by E. E. Simmons, national chairman of the UND Development Fund campaign, at the close of the 1967-68 drive.

The total contribution of \$114,638 exceeded the goal by \$6,288, according to Simmons, who expressed his thanks to state and city chairmen for their cooperation.

The major portion of the Development Fund contributions is devoted to student scholarships, faculty grants, University promotions, and printing and mailing of the "Alumni Review."

"These contributions indicate the tremendous continuing support being given by UND alum-

ni and friends," Simmons said.

The number of individual contributors in the recent campaign reached an all-time high of 2,694 of the 33,000 alumni. Contributions on the combined "Mr. and Mrs." basis rose to 4,310.

State Sen. Milton Kelly of Devils Lake was named chairman for the 1968-69 campaign with the budget goal established at \$135,100.

## Job Outlook Good For U Graduates

If you will graduate at the end of this summer and if the selective service system doesn't get you first—you have a chance of landing a well-paying job.

Jobs are plentiful and starting salaries are above previous years, according to Ronald Betts, director of Placement Services.

Figures compiled June 1 show that the average starting monthly salary of recent UND graduates was about \$653. The figure is based on the employment intentions of 229 of the more than 1,100 winter and spring graduates of 1968.

Job prospects appeared good for graduates in all fields, according to Betts, who also mentioned that opportunities are excellent in the fields of science, engineering, accounting, education and mechanical sciences.

Samples of starting salaries ranged from \$529 in social work to \$833 in chemical engineering.

## \$2,000 Scholarship Added to U Funds

A \$2,000 scholarship fund has been added to about \$140,000 in undergraduate scholarships already offered by UND.

The Lakehead Pipe Line Company, Inc., of Superior, Wis., intends to make funds available annually for scholarships. The donation will become effective this fall. It is non-restrictive and may be divided into scholarships of varying amounts.

The company is making annual grants to six other state supported colleges and universities along its pipe line system.

Presently UND offers about \$140,000 in undergraduate scholarships, including fee waivers, according to Dr. Gerald F. Hamerlik, director of UND financial Aids.