



2-1957

## February 1957 (Second Issue)

University of North Dakota Alumni Association

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### Recommended Citation

University of North Dakota Alumni Association, "February 1957 (Second Issue)" (1957). *UND Alumni Review*. 191.

<https://commons.und.edu/und-alumni-review/191>

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# Offer State Medical Center Proposal To Assure More Doctors for N. D.

## *Work Progresses on Rehab Center*



This view, looking west along Second Avenue North, shows the location of the new Rehabilitation Center in relation to the Medical Science Building, at the right of the picture. Brickwork now is in progress on the Rehab building, under the canvas shroud installed to keep out wintry blasts. When completed, the \$300,000 facility will be of Gothic design to match other campus buildings.

## **Loan Program For 3rd, 4th Years Drafted**

A far-reaching program, designed to assist North Dakota communities in obtaining needed medical practitioners under the state Medical Center program, has been introduced in the current session of the legislature.

Offered by Senator George Longmire of Grand Forks as Senate Bill 181, the measure provides for loans to graduates of the University of North Dakota Medical School, to assist them financially to complete their third and fourth years of training at schools outside the state.

Bearing interest at 4 per cent and payable in yearly installments after the student has completed his internship and is able to establish regular practice, the loans would be for \$2,000 for each of the third and fourth years of study.

**In return for the financial assistance, for which up to \$75,000 per year would be allocated from the Medical Center Fund, the student would agree to return to North Dakota to practice medicine upon completion of his training.**

The proposed law further provides that any of the students who agree to locate in a North Dakota community which has no medical practitioner, or is short of physicians, may increase his loan to \$2,500 for each of the years and the interest would drop to 1 per cent.

The proposed loan program was endorsed by the State  
(Continued from Page 2)

## **Find Supply of Prospective N. D. Medics Gaining**

With a somewhat larger than usual supply of well-prepared North Dakota students to draw upon, steady headway has been made in the selection of the freshman class for admission to the University School of Medicine for the Fall of 1957.

This was reported by Dr. T. H. Harwood, Medical Center director, at the semi-annual meeting of the Medical Center Advisory Council, held at the School of Medicine in January.

Dr. Harwood also reported that arrangements for the  
(Continued on Page 2)

## **Winter Fails to Slow Work on New Facility**

Despite the handicap of winter weather conditions, steady progress is reported on construction of the new \$300,000 Rehabilitation Center being built just east of the Medical Building on the University campus.

The structure has been entirely closed with canvas to permit work to continue, and brick work on the walls has been moving ahead steadily. The roof slab was completed in late November.

Several candidates for the position of director of the Rehabilitation Center have been interviewed, and it is expected that the position will be filled this spring.

The new director will have, not only the task of overseeing the completion of the building and purchasing of equipment, but organizing the details of working agreements with various groups in the state interested in health and rehabilitation work.

The Rehabilitation and Treatment Unit, being built as a part of the State Medical Center, is being constructed with 46 per cent of the funds furnished by the Federal government and 54 per cent by the Medical Center. The facility will include mental health, speech and hearing, arthritis and cardiac clinics.  
(Continued on Page 2)



## Propose New Loan Program

(Continued from Page 1)  
Medical Center Advisory Council and the University of North Dakota Board of Directors.

One leading North Dakota official called the loan plan "the most intelligent approach to the problem I have seen presented. I am sure that the legislature will see the wisdom of passing such legislation."

The Advisory Board, in giving its approval to the plan, noted that there are 21 students in the present second-year medical class at UND who have declared they will need financial assistance to complete their training after transferring to other medical schools for the third and fourth years.

The bill provides for the formation of a Medical Center Loan Fund Board to be composed of the University business manager, the Medical School dean, and three appointed members. The board would have authority to lend the money to the students and administer the program.

## U Man Awarded Research Grants

A \$7,290 grant for liver research has been received by Dr. W. E. Cornatzer, head of the University of North Dakota biochemistry department. Dr. Cornatzer was notified by the Office of the Surgeon General, Department of Army, of the approval of the renewal for the coming year of his contract research grant for "The Study of Lipid and Protein Metabolism in Liver Disease."

Dr. Cornatzer earlier was awarded for the study of the liver a \$6,804 grant from the United States Atomic Energy Commission and a \$2,000 grant from the Lipotropic Research Foundation.

The Medical Branch of AEC's Division of Biology and Medicine informed Dr. Cornatzer that he will be awarded the \$6,804 annually over a three-year period for support of a research project entitled "A Study of Protein and Fat in Liver Disease."

## Center Testing Service Use by State Expands

Another indication of the service for the state furnished by the Medical Center is provided in the report of Dr. W. E. Cornatzer, head of the Biochemistry Department, to the

## Medical Center Benefits Cited

Tribute to the University School of Medicine for the beneficial influence it has had on the medical profession in North Dakota was paid by George W. Starcher, president of the University, in his biennial report.

The report was directed to the governor of North Dakota, members of the State Legislature, the Board of Higher Education, alumni and friends of the University.

It is noted that during the past 10 years, covering approximately the period of operation of the State Medical Center, the number of physicians in the state has increased from 335 to 430.

Particularly noteworthy, he said, is the increase in younger men who have recently completed their medical education. In 1945, there were 106 physicians under 45 in North Dakota compared to 243 in 1956, he said.

### University of North Dakota ALUMNI REVIEW

Office of Publication:  
University Station, Grand Forks,  
North Dakota

"Entered as second class matter at the postoffice at Grand Forks, N.D., under the act of August 24, 1912. Published by the University for alumni and former students of the University of North Dakota in the interests of the University, monthly ten times a year except July and August."

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State Medical Center Advisory Council.

Dr. Cornatzer reported that the Biochemistry Department, in its laboratories in the School of Medicine, is performing an increasing number of chemical tests on specimen sent to it from all parts of North Dakota.

He explained that many of the modern tests require expensive equipment and especially trained technicians and cannot be done in local hospitals.

Since the laboratory at the Medical Center is equipped to do many of these, the specimen are being sent here from various state clinics and hospitals. The tests are performed without charge and the report sent back to the referring hospital or physician.

Started several years ago, the service has expanded to the point where 581 such laboratory tests were performed by the Biochemistry staff between January 1 and December 31, 1956.

The Advisory Council felt that since this is a state-wide service and is available to the people of the state without charge that it should be continued even though there is some cost to the Medical Center. Doctor Cornatzer pointed out that the department makes every effort to provide good service, and that someone is on duty weekends and holidays to take care of specimen which come in at those times.

## ● Rehab Center

(Continued from Page 1)

In addition to providing services needed by residents of the state, the center will provide a training facility for students of medicine, occupational therapy, physical therapy, social services, nursing, speech and hearing and psychology.

An important part of the program is expected to be the furnishing of teams to go to institutions and community centers holding rehabilitation clinics throughout the state for the benefit of patients needing the service.

## Find Supply of Medics Gaining

(Continued from Page 1)

transfer of a number of the second year medical students to other schools for their third year have been completed.

He emphasized again that there is no problem at present in transferring students, since many medical schools outside the state are in a position to accept a number of North Dakota students into their third-year programs.

The Council considered the bill which is being proposed by the Alumni Association to use Medical Center Funds to establish a loan fund for North Dakota students attending Medical School.

Noting that 21 students in the present second-year class have stated that they will need such loans, the Advisory Council took the following action:

"It has come to our attention that proposals will be made for the use of Medical Center Funds for loans to enable Medical Students to complete their medical education. In the light of previous instructions from the Legislature, as to the establishment of a four year school, this council is reluctant to commend any action which might appear to be in conflict with the previous legislative direction.

"However, we do believe that if the Legislature approves, the use of a reasonable amount of Medical Center Funds for the purpose of loans to needy medical Students might well serve as a stopgap measure to help provide more physicians for North Dakota communities." This resolution was passed.

The Council also considered the proposal made by the Legislative Research Council to use Medical Center Funds as matching funds for the establishment of a Tuberculosis Hospital at the University. Patients would thereby be removed from the Sanatorium presently operating in San Haven. The facilities at San Haven would then be available for housing certain of the patients at the Grafton State School. The proposal by the Legislative Committee was passed on the assumption that there would be matching funds

(Continued on Page 3)



## 1st Year Medical Class Has 37 Men, 3 Women

Forty students, three of them women, are enrolled in the freshman class at the University Medical School.

The women are Mary Ann Braaten, **Hamar**; Dorothy Gray, **Upham**; and Kathleen Pigott, **Scoby, Mont.**

The other 37 freshmen include:

Martin Evenson, Reinhold Goehl Jr., David Holten, Ronald Kjos, Donald Larson, Edwin Rice, Curtis Sande and James Stone, all of Grand Forks.

Henry Brattensborg, Gary Fauskin, Thomas Greter, Ryan Harrington, Wayne Hemphill, Robert Montgomery, and Gerald Moyer, all of Fargo.

Richard Beithon, **Wahpeton**; Leon Bjerke, **Hatton**; John Blaisdell, **Minot**; Donald Breen, **Hillsboro**; Clement Chung-Ming, Honolulu, Hawaii; Gerald Cotton, **Cummings**.

Neil Cummings, **Jamestown**; Leon Foss, **Churchs Ferry**; Robert Geston, **Gardar**; Haakon Haugan, **Landa**; George Heger, **Surrey**.

R. S. Lyle Hillman, **Mountaintain**; George Johnson, **Bismarck**; Stanley Kern, **Ellendale**; Leland Larson, Moorhead, Minn.; Wayne Lowe, **Forest River**; Robert C. Miller, **Cando**.

Rollin Pederson, **Minot**; Corentyne Berbice, British Guiana; Robert Sette, **Bismarck**; Jon Tingelstad, **McVillie**; Robert West, **New Rockford**; and David Wright, **Williston**.

## Seminar Presented On Medical Research

Five University Medical School faculty members participated in a medical staff research seminar, with the discussion centering about current research at UND.

Participants included Dr. John Vennes, bacteriology; Dr. W. E. Cornatzer and Dr. Fred Snyder, biochemistry; Robert Holland, anatomy; and Dr. Glenn Hoffman, bacteriology.

Research grants in force in the School of Medicine at present total \$72,045.

## Conduct Seminars for State Health Officials

As part of its program to take leadership in promoting the best in health conditions for North Dakota, the Public Health Laboratory, located in the State Medical Center at the University, conducted two seminars on virus diseases in February.

Purpose of the seminars was to acquaint field representatives, public health nurses and members of the state health department with the present status of virus diseases, the present state program of the laboratories and the anticipated expanded program in laboratory diagnosis.

## Polio Immunizing Clinics Conducted

As an assist in the nationwide battle to eliminate polio, the State Medical Center conducted polio immunization clinics at the University of North Dakota this winter. In all, 1,339 UND students received Salk vaccine inoculations.

First injections were given during a five-day period in January and the second shots during three days in January.

To insure that all North Dakota students as well as out-of-state pupils matriculating at the UND would come under the program, the North Dakota State Public Health Laboratory, under the direction of M. E. Koons, furnished vaccine for all scholars under the ages of 20 years old.

Besides the 1,080 North Dakota pupils receiving the injections, 259 were inoculated as registrants from other states.

They include 29 students from Canada, Minnesota 175, Wisconsin 6, Montana 9, New Jersey 2, Maryland 2, Massachusetts 1, New York 7, South Dakota 4, Illinois 7, Mississippi 1, California 3, Indiana 1, Iowa 3, Connecticut 2, Oregon 1, Vermont 1, Texas 2, Florida 1, Guam 2, and Hawaii 2.

The clinic was conducted as a University of North Dakota Student Health Service program under the direction of Dr. Walter A. Wasdahl. Nurse Supervisor is Miss Ruth Noren.

Discussions centered around epidemiology control of virus diseases as well as health department activities. Laboratory demonstrations include tissue culture methods used in diagnosis of poliomyelitis, complement-fixation tests used in the laboratory diagnosis of many of the virus infections and neutralization tests in polio.

The type of specimen for laboratory examination were discussed and interpretation of laboratory findings given.

The seminars were conducted by Melvin E. Koons, chief of State Laboratory Services, and A. A. Gustafson, director of the Grand Forks Public Health Laboratory. Other staff members assisted in the laboratory demonstrations.

A refresher course on the control of communicable diseases, including virus and bacterial infections, was scheduled for Feb. 25 through March 1 with 12 public health nurses registered.

## Supply of Medics

(Continued from Page 2)  
from the Hill-Burton Hospital Construction Act.

In this connection, the Medical Center Advisory Council adopted this statement as its position in the matter:

"Resolved, that it is the sense of this Council that the establishment of a Tuberculosis Hospital in connection with the Medical Center, would be consistent with, and a step forward, to the ultimate establishment of a four-year Medical School and the ultimate fulfillment of the purpose of a complete Medical Center."

## Include New Infirmary In University Planning

Long-range needs of the University call for construction of an infirmary as a second floor addition to the new Rehabilitation Center Building. This would provide beds for 50 students, recognized as one of the important needs of the University. Cost of such a project has been estimated at \$200,000.

## Medical School Well Into 2nd Half of Year

The School of Medicine now is well into its second semester, the schedule for which began January 7, a full month ahead of the rest of the University. Formal class and laboratory work for the School's sophomore class will end April 28.

Sophomore examinations will be conducted April 29 through May 4. After the tests, the second-year students will disperse to hospitals and clinics throughout the state for the annual program of sophomore clerkships.

Under the clerkship program, which will continue from May 6 through June 1, the 39 sophomore students will continue their studies under practicing doctors. They will return to the University for commencement exercises Sunday, June 9.

Under the revised schedule, both medical school classes this year began their first semesters the first week in September, two weeks ahead of other UND schools and colleges. The first semester's work was completed before Christmas vacation under this plan.

"Our courses for both freshmen and sophomores are demanding, time-consuming and strenuous," Dean T. H. Harwood explained. "Therefore, we decided to arrange the schedule so they can have a more carefree Christmas vacation without having to worry about final examinations on their return."

Another reason for the change, Harwood declared, was to increase the length of the school year to meet the problem of an overcrowded curriculum. He said that new discoveries are continually widening subject matter in the school.

Also receiving increased attention this year is the "modified bloc system" in coursework, involving concentration on particular subjects each semester. For example, freshmen are given anatomy courses almost exclusively for their first two semesters.

Classwork for the 39 members of the freshman medical class will end May 18.



*Unsolicited!*

## Medical School Wins Praise from Graduate

The kind of testimonial that comes unsolicited always is considered the most sincere. That is why University School of Medicine staff members were pleased to see this headline in a recent edition of the Dakota Student, the campus weekly newspaper:

### "U Medical School Receives Praise."

Under the headline was a story by a girl reporter who had talked with a University Medical graduate during Christmas vacation. The article follows:

"Upon arrival in the old home town for the holidays, we renewed past friendships over the traditional coffee cups. Re-establishing our high school days, we talked time right up to the present.

"I was astounded at all the good words he had to say about the University Medical school which he had attended for two years. Now in his final stint of med school at Marquette, he could not find enough compliments about the UND institution.

"I can remember when we were working overtime to get through that school," he said. "Sometimes the instructors seemed inhuman. We wondered when our next sleep would come. The ones that slept didn't pass.

"Now I find med school a breeze at Marquette . . . all because of the wonderful preparation at North Dakota. The instructors weren't inhuman; they were geniuses in education. I rate UND med school higher than Marquette. There's no doubt about it, that school is going to expand.

"After words like that, you walk off feeling rather proud even if you never took a course in the building. Gene Kralicek is the young man who so generously passed out the compliments."

## 90 Enrolled in Nursing

Ninety students are enrolled this year in the University's Division of Nursing.

The first two years of the program are spent taking regularly scheduled courses on the University campus.

Third year nursing students take their work at the Deaconess Hospital in downtown Grand Forks. They room in the nurses residence there and devote full time to the clinical study of medical, surgical, emergency and obstetric nursing. Twenty-two of the UND nursing students are at the Deaconess at present.

For the fourth year, the nursing enrollees go to University Hospital, University of Minnesota.

There, in a larger hospital, the students are trained in areas of nursing not yet available in North Dakota. Psychiatric nursing offered there has attracted many students. A

new field for nursing students, psychiatric nursing demands trained graduates in greater numbers every year.

Back to the University the nursing students come after completing their studies at the end of the summer session. At that time they are awarded the degree of Bachelor of Science in Nursing.

Beatrice M. Horsey is director and professor of the division. Other instructors are Miss Ruth Burrage, associate professor; Lucille V. Paulson, assistant professor; Adele Williams, Ardyce Anderson, LaVonne Russell and Sally Christianson, instructors; and Florence Ferguson, health director.

Besides the nursing program offered through the Division of Nursing, two alternate programs can be selected by the prospective University student. St. Michael's Hospital and

## Medic Grads Scatter Widely for Interning

A list of former University of North Dakota medical students and the hospitals where they are interning has been released by Dean T. H. Harwood of the UND Medical School.

The following students finished the first two years of medicine in June 1956:

Walter A. Beck (Corvuso, Minn.), who received his M.D. at Temple University, interning at Abington Memorial Hospital, Abington, Pa.; Lloyd W. Benson (Williston), University of Pennsylvania at Mary Fletcher Hospital, Burlington, Vt.; Dixon L. Bieri (Stanley), Vanderbilt University, University Hospital, Ann Arbor, Mich.

Mervin W. Campbell, (Mylo), Northwestern University, at Miller Hospital, St. Paul; Walter B. Eidbo (Jamestown), Chicago University, Beaumont Army Hospital, El Paso, Tex.; David J. Halliday, (Kenmare), University of Nebraska, St. Luke's Hospital, Fargo.

Gerald G. Hoffman, (Grand Forks), Northwestern University, Minneapolis General; G. Wallace Johansen (Edinburg), Illinois University, Los Angeles County Hospital, Los Angeles; Jerry M. Knudsen (Edgeley), Baylor, Ancker Hospital, St. Paul.

Donald L. Lamb (Dilworth, Minn.), University of Utah, Salt Lake County General Hospital; Henry Landis (Grand Forks), Southwestern University, Denver General Hospital; Jack R. Lees (Fargo), Northwestern University, Miller Hospital, St. Paul.

Leonard M. Linde (Bordulac), University of Oklahoma,

Deaconess Hospital both offer training programs allied with the University. Neither, however, offer the enrolled student the Bachelor of Science degree.

U. S. Public Health Service Hospital, Seattle; Clifford J. Lynch (Fargo), Bowman Gray University, Vanderbilt University Hospital, Nashville, Tenn.; Elden L. Mohr (Moorhead, Minn.), George Washington University, George Washington University Hospital.

Robert N. Nelson (Grand Forks), George Washington University, Swedish Hospital, Seattle; Paul S. Paulson (Turtle Lake), University of Minnesota, Minneapolis General; Alvin J. Reisch (New Town), Northwestern University, Denver General Hospital.

Russell A. Rohde (Grand Forks), Harvard University, Los Angeles County Hospital; Albert F. Samuelson (Turtle Lake), Cincinnati University, Milwaukee County Hospital; Erwin L. Samuelson (West Fargo), Temple University, U. S. Naval Hospital, Ocean-side, Calif.

Kenneth W. Sell (Bismarck), Harvard University, Bethesda Naval Hospital, Bethesda, Md.; Phyllis S. Simunds (Fargo), Nebraska University, Immanuel Hospital, Omaha, Neb.; Donald J. Svoboda, (Johnstown), Harvard University, University of Kansas Medical Center, Kansas City, Kan.

James R. Thompson, (Minot), Illinois University, Veterans Administration Hospital, Long Beach, Calif.; Hugh D. Thorfinnson (Lisbon), Illinois University, Southern Pacific Hospital, San Francisco; Robert Tuttle (Grand Forks), Illinois University, Cook County Hospital, Chicago; and Robert G. Underdal (Rugby), Bowman Gray University, North Carolina Baptist Hospital, Winston Salem.

The University Medical School faculty now totals 23 full-time instructors and 30 part-time staff members.