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University of North Dakota Alumni Association

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Doctors Wanted!

U Center Seeks Medics for State

Doctors Wanted!

That sign hangs continually from the administrative offices of the Medical Center, as UND School of Medicine officials do everything possible to attract their graduates back to North Dakota.

Their efforts are rewarded, too, as each year more UND graduates come back to the state to practice.

These are the points in the concentrated program to interest young doctors in the opportunities awaiting them in North Dakota:

Every year, all UND graduates completing internships are contacted and receive directories showing the number of doctors practicing in various cities and towns of the state.

Another listing shows the

bed capacity of all North Dakota hospitals.

They also get a memorandum describing medical and other facilities of N. D. places which have indicated they are seeking a new doctor.

This year there were 32 such towns on the list.

... and Ten Now Are on the Way!

The members of the School of Medicine Class of 1957, now completing internships at hospitals throughout the U. S., plan to return to North Dakota to practice.

Of 23 others who have reported future plans to the

Dean's office at UND, 19 plan to take further training in a specialty while four will discharge military obligations with the Army or the Navy.

Of those returning to the state, Dr. James Hoyme has started a practice in Oakes;

Dr. Dale Kana will join the staff of the Grafton Clinic; and Dr. Kenneth Kihle goes to Bottineau.

Practicing at Rolla will be Dr. Donald McIntrye with Dr. Russell Odegard at Hatton. Dr. Henry Weyers and Dr.

Stanley Thompson both plan to practice in Fargo.

Drs. Milton Berg, Donald Feist and Thomas Sussex all plan to practice in North Dakota but are not yet definite as to their locations.

37 Wind Up Work with Clinical Clerkships

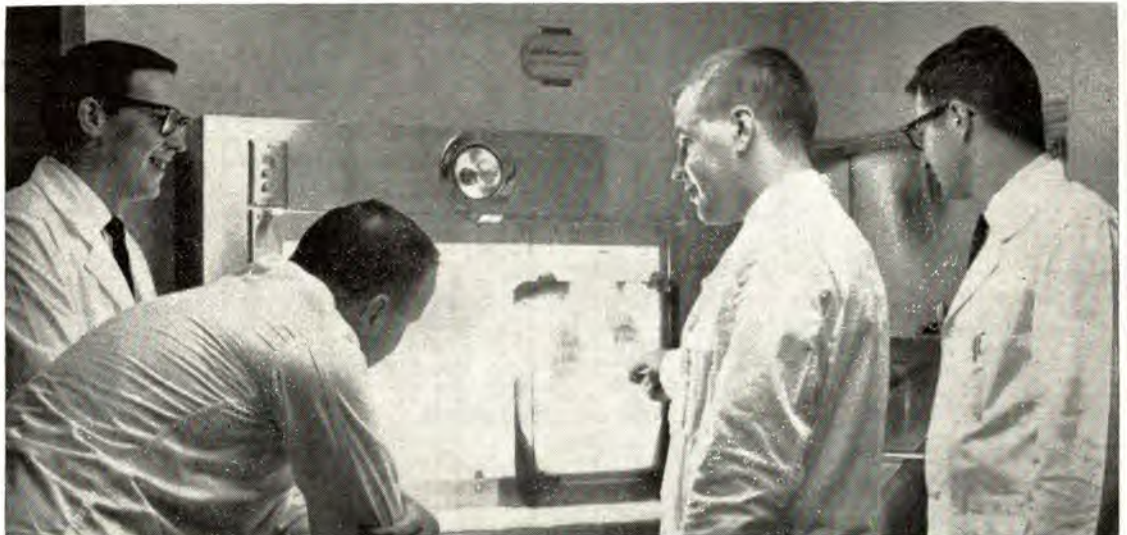
For the seventh year since the inaugural of the program in 1959, UND School of Medicine sophomores were assigned to clinical clerkships in hospitals throughout North Dakota.

The 37 students were scheduled to receive Bachelor of Science Degrees in Medicine and Arts at the spring commencement, having finished final examinations April 30.

The clerkship program, which extended a month from early May to early June, is designed to give the students experience in teaching with bedside patients which will be required of them when they transfer to clinical medical schools next year. All work is done under the direction of physicians in the various cities who were named preceptors for the program by the School of Medicine.

Students assigned to clerkships at Grand Forks Deaconess Hospital were Joel Lin-

(Continued on Page 8)



Students completing the two-year medical course at UND get a taste of real hospital atmosphere during clinical clerkship assignments. They even hear themselves called "Doctor," though their medical doctor's degree still is two years away. Students assigned to the Deaconess Hospital, Grand Forks, this spring are shown inspecting an X-ray picture. From left to right they are Douglas Miller, Cando; Francis Manning, Minot; Joel Linford, Bismarck, and Jerry Wolf, Beulah.

35 UND Grads Get Internship Spots

Thirty-five students who completed the first two years of medicine at UND in 1958 have been selected by 29 hospitals for their internships.

The 35, who will receive Doctor of Medicine degrees in June from schools they have

attended the past two years are:

Bruce Beiten, Wahpeton; Arleigh Bjerke, Hatton, and Robert Miller, Cando, at Charles T. Miller Hospital, St. Paul;

John Blaisdell, Minot, De-

troit Receiving, Detroit, Mich.; Mary Ann Braaten, Hamar, Easton (Pa.) Hospital; Henry John Brattensborg, Fargo, St. Mary's San Francisco; Donald Breen, Hillsboro, St. Mary's Milwaukee;

Clement Chun-Ming, Hono-

lulu, Buffalo (N. Y.) General; Gerald Cotton, Cummings, St. Mary's Duluth; Gary Fauskin, Fargo, Cedars of Lebanon, Los Angeles; Leon Foss, Churchs Ferry, Women's Hospital, Detroit;

Robert Geston, Gardar, and George Johnson, Bismarck, St. Luke's, Duluth; Reinhold Goehl, Grand Forks, and Rolin Peterson, Minot, Denver General Hospital; Thomas Gretter, Fargo, Milwaukee County Hospital; Ryan Harrington, Fargo; Gerald Moyer, Fargo, and Stanley Kern, Ellendale, St. Luke's, Kansas City;

Wayne Hemphill, Fargo, Bernalillo County Hospital, Albuquerque, N. M.;

Lyle Hillman, Mountain, U. S. Naval Hospital, San Diego; David Holten, Grand Forks, Anchor Hospital, St. Paul; Ronald Kjos, Grand Forks, Riverside County General Hospital, Arlington, Calif.;

Alvin Larson, Great Falls, Mont., Martin Army Hospital, Fort Benning, Ga.; Donald Larson, Devils Lake, University of Utah Hospital; Leland Larson, Moorhead, Minn., Iowa Methodist, Des Moines; Wayne Lowe, Forest River, Virginia Mason Hospital, Seattle;

Robert Montgomery, Fargo, U. S. Army-Madigan Hospital, Tacoma, Wash.; Allan Neuen-schwander, Fessenden, and Curtis Sande, Grand Forks, St. Joseph's, Flint, Mich.; Raymond Parisi, Newark, N. J., St. Michael's High St. Hospital, Newark; Edwin Rice, Grand Forks, Minneapolis General;

Robert Sette, Bismarck, San Bernardino County Hospital, Calif.; Jon Tinglestad, McVie, Children's Medical Center, Boston; David Wright, Williston, Baylor University Hospital, Dallas.

Rehab Unit Use Up 34 Per Cent

Patients served by the Medical Center Rehabilitation Unit increased 34 per cent during the second year of its operation, just completed.

Forty-eight private physi-

cians referred patients to the unit for treatment, making up 57 per cent of its case load. Another 27 per cent of the cases came from the Vocational Rehabilitation Service. The Workmen's Compensation Bureau and county welfare boards also have sent patients.

The wide range of disabilities involved include spinal cord injuries, cerebral vascular accidents (strokes), amputations, and industrial accidents.

Geographically, patients' homes have ranged from the northern to the southern border of North Dakota.

Housing needs of the patients also vary greatly. Dormitory, hospital and foster home care has been provided for some farther distances. Many residing closer to Grand Forks are able to commute.

In addition to its regular case load, the unit takes care of the physical therapy needs of UND football and hockey players.

The unit's increasing personnel now includes two social workers, Phillip M. Norman having joined the staff. A second physical therapist, Mrs. Dell Hoff, Mrs. Ann K. Rodewald, and a third occupational also were employed.

Mrs. Ruth M. Peterson has taken charge of the Occupational Therapy Department, succeeding William French who resigned to go with the Curative Workshop in Racine, Wis. Mrs. Peterson has been on the staff as an occupational therapist for the past year.

Occupational Therapy students spend two months of clinical affiliation in physical disabilities at the unit, and two undergraduate Social Work students get field work practice there each semester. Two other students undertook a special Social Work research

project this spring under Norman's direction.

A cooperative program was developed with the Speech Department of the University. Seven speech students participated as clinicians at the unit during the school year. They were supervised by George Dike, William Rintelmann and Robert Keith, who joined the staff Feb. 1.

Woods Appointed Psychologist

James E. Woods has been named chief psychologist at the Medical Center Rehabilitation unit.

He comes from the University of Illinois, where he has been a teaching assistant while working for his doctorate. He received both his bachelor's and master's degrees from the University of Minnesota.

Wood's appointment fills a vacancy which has been open for several months.

University of North Dakota ALUMNI REVIEW

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Health Awards Available at U

Health Scholarships from The National Foundation for students who wish to study nursing, occupational therapy, physical therapy, medicine and medical-social work are available to students at the University of North Dakota. The National Foundation offers 515 scholarships, nationally.

Three UND students are now studying under National Foundation scholarships. They include Jo Ann Kuhn, Minnewaukan; Donnie Gay Johnson, Sheyenne, and Donald L. Foss, Maddock. Two other North Dakotans also received scholarships this year.

All scholarships are for \$2,000, and are paid in \$500 awards for each of four years. High school seniors may apply for the nursing, physical and occupational therapy scholarships. The medicine and medical-social work scholarships are open to students already enrolled in college.

TO MEET AT UND

Next year's conference of the North Dakota Academy of General Practice will be held at UND with the School of Medicine sponsoring the program.

HEADS PRACTITIONERS

Dr. William Buckingham of Elgin, '49, elected president of the North Dakota Academy of General Practice.

Alumnus Sends Check for \$1,000

Dr. P. C. Quistgard, member of the class of 1927, has sent a check for \$1000 to the University Alumni Association for unrestricted use by the School of Medicine. He has expressed hope that the money be used for loans or scholarships.

Advice to Prospective Medics:

Don't Give Up Idea Without Checking

Students considering medicine as a career but who are holding back because they feel they are not qualified should come to his office for information as soon as possible.

That's the advice given by Dr. T. H. Harwood, dean of UND's School of Medicine.

Dr. Harwood said the many rumors and misconceptions about admission to medical school so dishearten many prospective, qualified students that they do not even try.

Among popular misconceptions Harwood listed, are notions that one must have a straight A average and that one must have "pull" or be a doctor's son to be admitted to medical school.

This is not true; 1.5 grade average is the minimum requirement. Furthermore, no one gets in by influence; more farmers' sons gain entrance than doctors' sons.

These misconceptions are not peculiar to UND. Harwood said the American Medical Association publishes and distributes booklets regularly pointing out the most flagrant of the misconceptions and tries to dispel them.

Those who want to enter medical school must take the Medical College Admissions Test, but the determination of acceptability at UND rests more on grades achieved. Applicants with a high test score but an unsatisfactory grade average are less likely to be accepted than applicants with a good grade average but a mediocre test score. Applicants who do badly on both counts are considered poor risks.

A person with a B average can get into any of about 40 medical schools throughout the nation. Nation-wide there is a dearth of well qualified applicants. The trouble is, fewer applicants seem to be able to present grades of the same standard as before.

The University Medical School is one of the three remaining two year schools in the United States. The others are South Dakota University and Dartmouth.

But the Association of American Medical Colleges and the American Medical As-

sociation encourage the formation of two year medical schools and several states are considering establishing some.

Most medical students at UND are doing well although there are about 10 to 15 per cent who either drop out or are dropped out. Of an average class of 40, one to four UND medical students a year for eight consecutive years have gone to Harvard to finish their last two years.

About 60 per cent of those who have attended UND medical school have chosen a specialty. This requires them to do post-graduate work for another three years, making their total educational experience 12 years, he said.

An unmarried medical student who takes his first two years of medicine at UND can do so at a cost of \$1200 a year, the lowest in the nation. The next two years, after transfer, cost from \$2,500 to \$3,500 a year, of which the Medical Center Loan Fund can supply up to \$2,500 a year in loans. The total outlay then will be \$7,400 to \$9,400, he added.

Dr. Harwood became Dean and professor of Clinical Medicine at the University in 1953, coming here from the University of Vermont.

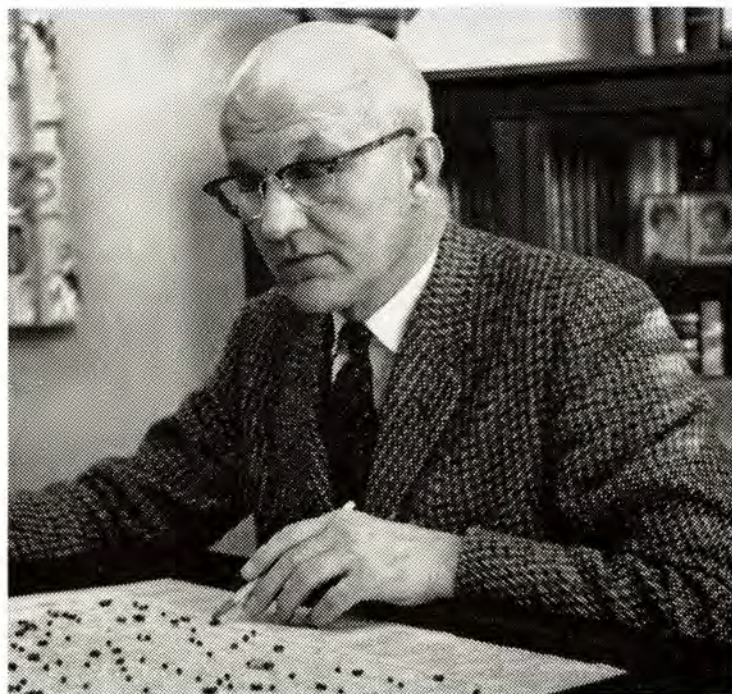
Bo to Present Paper At Denmark Meeting

Dr. Walter J. Bo, associate professor of anatomy, has been invited to present a paper based on his research at the First International Congress of Endocrinology in Copenhagen, Denmark, in July. His research was supported by the National Vitamin Foundation and his expenses will be paid by the National Institutes of Health in the Department of Health, Education, and Welfare in Washington.

GIVE REPORTS

Six of the medical students who participated in summer research projects last year gave reports on their work at the annual meeting of the North Dakota Academy of Science.

Of seven students presenting papers at the Academy meeting, six were from UND.



Dean T. H. Harwood checks the multi-colored pins on a map of North Dakota, denoting the extensive activities of the State Medical Center.

Faculty Men Honored

With four of its faculty members named to national committees to evaluate and review medical programs and applications, the UND School of Medicine has attained important recognition at the national level.

Dr. C. J. Hamre, head of the department of Anatomy, and Dr. W. E. Cornatzer, head of the department of Biochemistry, have been appointed to committees studying applications from various colleges and universities for research grants. Dr. Hamre's appointment came from the American Cancer Society and Dr. Cornatzer's from the National Science Foundation.

Dr. Francis A. Jacobs, associate professor of biochemistry, is serving on an evaluation committee of the National Science Foundation evaluating college and university proposals submitted to the Foundation's Undergraduate Research Participation Pro-

gram. This program is designed to help undergraduates become acquainted with the nature and methods of research and awards last year totalled \$1,700,000.

Dr. T. H. Harwood, dean of the school of medicine at the University of North Dakota, served as one of three medical school deans who will choose winners of the Ross Awards of 1960. The Ross Awards are gifts of \$1,000 each for the two most significant articles contributed each year to GP, the journal of the American Academy of General Practice.

34 to Write Tests

Thirty-four students who have completed their two years at UND will take comprehensive tests this month prepared by the National Board of Medical Examiners. Areas to be covered include Anatomy, Physiology, Biochemistry, Pathology, Bacteriology, and Pharmacology.

Grants Increase Medical Research

With additional money being received frequently, grants from governmental agencies and public organizations support an ever-increasing amount of research being carried on by UND School of Medicine faculty members, graduate assistants and students.

Much of the funds are used to pay technicians, many of whom are students, and the remainder goes for materials and equipment.

At present \$165,000 in grants from the federal government, the Heart Association and the Cancer Society are in effect at UND.

Dr. T. H. Harwood, dean of the medical school, said research being done includes projects in viruses, heart, cancer, anatomy and bacteriology.

A grant of \$5,210 has been received by the School of Medicine from the American Medical Education Foundation.

The fund represents gifts from physicians throughout the country which were earmarked for the school here.

Few restrictions are placed on spending of this money, making it especially valuable in supporting projects for which state funds are lacking.

The money also is used to send faculty members to worthwhile meetings from which they bring back important information as well as inspiration.

The University was approved for 13 research projects under the Undergraduate Research Participation program sponsored by the National Science Foundation.

The approval provides \$9,543.31 for 13 projects in five UND departments. The program introduces students to scientific methods and research procedures by giving them an opportunity to participate in current research.

Departments approved, number of projects in each department and totals received are: Anatomy, 4, \$2,903.75; biochemistry, 2, \$1,200; biology, 2, \$1,773.23; psychology, 1, \$566.55 and physiology 4, \$3,100.

The NSF grant provides \$60-a-week stipends for the research participants, plus al-

lowances to departments for supplies and equipment. Projects vary from 8 to 10 weeks.

The School of Medicine received \$2,000 from the Research Program Account of the National Fund for Medical Education. The \$2,000 is the first installment on a research grant of \$7,500 to the Medical School, which is its share of a sum of money donated by certain United Funds and Community Chests throughout the country for this purpose. Last year, 101 local United Funds and Community Chests contributed to this program. These funds are designed to be completely flexible. For this reason, they are particularly useful in initiating new research programs and in meeting unexpected research needs.

A grant of \$9,464 for the purchase of isotopic equipment in teaching was made by the U. S. Atomic Energy Commission to Dr. W. E. Cornatzer, head of the department of biochemistry.

Equipment used up previously for analysis of isotopes had been obtained for the department through grants for research. This is the first grant which provides specifically for equipment for teaching. The equipment includes materials such as Geiger counters, radioactive standards, and instruments for safety of students working with the isotopes. The grant is of great benefit to students in several departments, enabling them to utilize the most modern techniques in tracing the reactions in living tissues.

Dr. Cornatzer also re-

ceived \$8,500 from the Atomic Energy Commission for investigation of the role of lipids (fat compounds) in the liver and brain. This is the eighth year that UND has received financial support for similar research work in the department of biochemistry. The \$8,500 grant renewal brings the 8-year total to \$63,942.

Acting as research assistants in the project were two UND graduate students, John Reiter, Murrysville, Pa., and Jerome Bakke, Mayville. Reiter received his master's degree and Bakke, his doctorate. Both used isotopes to trace the synthesis of the lipids in the liver and brain.

Dr. Herbert Fromm, associate professor of biochemistry; received a grant of \$37,070 for the next five years from the Department of Health, Education, and Welfare. The research grant is for continuance of Dr. Fromm's work on "A Kinetic Study of the Thetin-Homocysteine Transmethylase Enzyme System." The Department of Health, Education, and Welfare has been supporting Dr. Fromm's research for the past three years. He has published numerous research papers on the mechanisms and kinetic studies of enzyme reactions.

Dr. Fromm also received an additional \$3,881 grant for enzyme studies. The award, from the Institutes of Health of the Department of Health, Education and Welfare, is for a 9-month continuation of his research work in enzyme chemistry. Enzymes are organic cata-

lysts which carry out chemical reactions in cells.

Dr. Clayton E. Jensen, assistant professor of pharmacology, received a \$2,300 grant for the study of drugs enhancing the metabolism of ethyl alcohol. Ethyl alcohol has a certain number of medical uses and, in addition, its use and abuse has created many social problems. The ways in which the body uses alcohol constitutes the study which Dr. Jensen will be carrying out.

Experts in Field Lecture at UND

Lectures by recognized authorities in their fields have continued to play an important part in the School of Medicine program this year.

Dr. E. F. Adolph, professor of physiology at the University of Rochester, New York, spoke on "Body Heat Regulation and Environmental Physiology." He was president of the American Physiological Society, and has authored a number of books and articles. Adolph is a consultant to the Army Quartermaster Corps and the Air Force Aeromedical Laboratories on physiological problems of the military.

Dr. Ralph T. Holman, professor of biochemistry at the University of Minnesota Hormel Institute, lectured on "The Essential Fatty Acids," in the Medical School Auditorium.

Dr. Fred Snyder, scientist from the Oak Ridge Institute of Nuclear Studies Medical Division, spoke on "The Biological Effects of the Rare Earth Elements." Snyder received his Ph.D. degree from the UND department of biochemistry in 1958.

Holland Resigns To Go to Arkansas

Dr. Robert C. Holland, assistant professor of anatomy, has resigned to accept an appointment as associate professor of anatomy at the University of Arkansas School of Medicine. He has been here since 1954.

'54 Grad Wins Prize

Competing with eight other young resident physicians at the University of Kansas Medical Center, Dr. Donald J. Svoboda, '54, won the \$100 prize for the best study on hormone functions.

Dr. Svoboda's experiments were designed to test whether female hormones affect the spread of skin cancer in mice, and whether this might have a relation to lessen incident of

lung cancer among women smokers than men smokers. Estrogene hormones in women may be an intrinsic factor against lung cancer development, he said.

In a letter to Dr. A. K. Saiki, professor of pathology at UND, he reports he is starting a new and more extensive research project at the Center, involving use of an electronic microscope.

Schools Accept 35 Graduating Medics

Thirty-five UND School of Medicine graduating sophomores will scatter throughout the nation next year, for the final two years of their work. Fifteen different medical schools have accepted them for admittance.

For the first time in many years, two UND graduates are being admitted to the University of Maryland Medical School, bringing to 46 the number of different schools that have accepted transfers from the University in the past 10 years.

The students transferring, and the schools which accepted them are:

Victor Brasseur, Mott; Ann Hill, Fargo; Michael Kelly, Hillsboro, and Philip Overby, Finley, to Northwestern Medical School in Chicago;

Robert Jennings, Grand Forks, to University of Vermont School of Medicine at Burlington;

Robert Brown, Gilford, Mont.; Dale Iverson, Coopers-town, and Gyman Okeson, Parshall, to Baylor University School of Medicine in Houston;

Cecil Leitch, Kalispell, Mont., and Garner Brasseur, Miles City, Mont., to University of Washington at Seattle; Ronald Brown, Scranton; Robert Leegard, Valley City, and Francis Manning, Minot, to Temple University School of Medicine in Philadelphia;

John Gilsdorf and Ralph Holt, both of Valley City, and Joel Linford, Bismarck, to University of Pennsylvania in Philadelphia;

Douglas Miller, Cando, to Harvard Medical School in Boston;

Francis Belk, Grand Forks; Jackson Lind, Aneta, and David Rinn, Minot to the Bowman Gray School of Medicine in Winston-Salem, N. C.;

William Holz, Bottineau, and Paul Flaten, Edinburg, to Washington University School of Medicine in St. Louis;

Wesley Palmer, Minnewaukan, and Clifford Rask, Mandan, to University of Iowa Medical School in Iowa City;

Ronald Ivedson, Minot; Donald Levi, Zealand; Bennie Van Deest, Jamestown, and Oliver Wiger, Twin Valley, Minn., to Southwestern School of Medicine in Dallas;

Gottfried Baumann, Grand

Forks, and Dennis Lehman, Elgin, to University of Maryland School of Medicine in Baltimore;

Rodney Dotson, Fargo, to University of Utah School of Medicine in Salt Lake City;

Jerry Wolf, Beulah, to Uni-

versity of Nebraska School of Medicine at Omaha.

Robert Colliton, Moorhead, and Charles Eisenbeis, Ashley, both to the University of Kansas Medical School, Kansas City.

Only two students have not at yet been transferred but their acceptance is anticipated shortly. Some medical schools, it was explained, do not accept two-year students until after they have completed the work of the second year.

Therapists Aiding Hospitals

More and more North Dakota hospitals are opening occupational therapy departments to aid in the rehabilitation of patients.

They are able to do this through availability for their staffs of graduates in Occupational Therapy trained under the Medical Center program at the University of North Dakota.

Latest hospitals to form OT departments are Trinity in Minot, with Audrey Mann, a 1959 UND graduate from Underwood in charge of the program; and St. Alexius in Bismarck, where Mrs. Darlene (Indihar) Skovram, 1957 UND graduate from Gilbert, Minn., has taken charge of a new department.

Placement of 9 other recent UND graduates in Occupational Therapy in new positions has been reported to Miss Amy Lind, in charge of the program at the University.

Seven of the others are on hospital staffs and two with special organizations. They are:

Sally Widen, '59, Grand Forks—Anchor Hospital, St. Paul.

Elinore Songas, '59, Grand Forks—St. Luke's Presbyterian Hospital, Chicago.

Ina Williamson, '59, Grafton

—Meadowbrook Hospital, Long Island, N. Y.

Mary Ann Wallbridge, '58, Grace City—VA Hospital, Des Moines, Iowa.

Ellen Bunting, '58, Lignite—VA Hospital, Roseberg, Oregon.

Karen Dahlen, '58, Fargo—Chief Therapist, VA Hos-

pital, Fargo (formerly at Arizona State Hospital).

Maridell H. Reid, '59, Palermo—in charge of Occupational and Recreational Therapy, Minnesota Home for Girls, Sauk Center.

Mrs. Karen (Larson) Reede, '59, Kenmare—in charge of OT Dept., St. Ansgar Hospital, Moorhead, Minn.

Mrs. Louise (Johnson) Zuern, '59, Bethesda, Md.—has started new OT Dept. for Crippled Children's Society of Missoula, Mont.

Named to Head Hospital Staff

Dr. Myron J. Talbert, '44, has been elected president of the medical staff of the Redlands, Calif., Community Hospital. Dr. Talbert served as a resident in pathology at the University of Wisconsin for several years. Later he practiced medicine in Grand Forks until moving to Redlands in 1957.

GROUP INITIATES

Alpha Delta Theta, honorary fraternity for students in medical technology, initiated eight new members: Judith Jury, Ellendale; Nancy Myrdal, Fargo; Mary Jane O'Toole, Crystal; Carole Pramhus, Fargo; Marilyn Ressler, Fargo; Maureen Scully, Sandra Swartz, Grand Forks, and Ruby Young, Merricourt.

UND Pathologist Wins Certification

Walter A. Wasdahl, assistant professor of pathology, was notified that he successfully completed his Board examinations and is now certified by the American Board of Pathology and Clinical Pathology. He has received his entire postgraduate training in the Department of Pathology of the School of Medicine under the supervision of Dr. James D. Cardy and Arthur K. Saiki.

Dr. Wasdahl was born and brought up in Cogswell, and attended Jamestown College, receiving a B. S. in Chemistry in 1950. He entered the School of Medicine at the University and completed two years here. He transferred to McGill University College of Medicine in Montreal, Quebec, and received his M.D. Degree in 1954. He interned the following year at St. Luke's Hospital in Duluth, Minn., and came to the UND Department of Pathology as a resident in pathology and student health physician. He was appointed assistant professor of pathology in June, 1958.

In addition to his teaching duties, Dr. Wasdahl has served as a member of the Admissions Committee.

Loans Granted to 34

Loans totaling \$69,000 have been made to 21 third-year and 13 fourth-year medical students who completed the course at UND in 1958 and 1959.

The Medical Center Loan Fund Law passed by the 1957 Legislature makes \$75,000 available each year to third and fourth year medics.

Loans up to \$2,000 for each of the final two years carry

a 6 per cent interest rate and can be repaid over a six-year period starting one year after internship.

If a student agrees to return to North Dakota to practice, he is allowed to borrow up to \$2,500. If he sets up practice in a town of less than 3,000 population, the entire loan and interest will be forgiven at the rate of a fifth of the principal and interest per year.

Report from the Campus

Staff members of the School of Medicine last year published 28 full length articles for scientific magazines or journals. In addition they published 26 abstracts of articles. This is high tribute to the scholarship and research ability of the faculty. Professional papers prepared by the faculty must vie for publication with those written not only by scientists at 86 other medical schools but research workers in every college and university in the country which carries on this type of work.

* * *

Miss Ruth Burrage, associate professor in the UND College of Nursing, was in charge of arrangements for the N. D. League for Nursing convention held on the UND campus in April. Participating in the program were Dean T. H. Harwood, Medicine; Dean Margaret Heyse, Nursing, and Miss Frances Landon, director, UND Rehabilitation Center.

* *

Dean Harwood, UND, was a speaker at the North Dakota School for Hospital Management held on the campus in April. He gave the commencement address at Page, N. D., high school May 27.

* * *

Miss Amy Lind, chairman of the Occupational Therapy Department, will begin her duties next fall as chairman of the MinnDak Council of Occupational Therapy Schools.

The council is an organization of colleges and universities which teach occupational therapy and the hospitals and rehabilitation centers where the students take their clinical affiliation in Minnesota and North Dakota.

Miss Lind also is a member of the national curriculum committee of the American Occupational Therapy Association.

* * *

Ann C. Hill, Fargo, was awarded a \$1,500 fellowship

11 Finish Med Tech Course

Eleven students completed the course in Medical Technology at the University this spring.

They are Marlene C. Aubol and Eileen Gisselquist, East Grand Forks, Minn.; Bonnie E.

Beyle, Grand Forks; Virginia Garrett, Honolulu; Mary Claire Greenwood, Bismarck; Corinne McAlpin, Jamestown; Sharon F. Miller, Cando; Janice B. Nygaard, Bonnie Beyle, Maureen Scully Orr, and Bar-

bara Ann Peschel, all of Grand Forks, and Bobette Anderson Plankey, Fargo.

In all four classes, enrollment in this course totaled 73 during the 1959-60 school year.

A four year program at UND, the course leads to the degree of Bachelor of Science in Medical Technology.

A comparatively new profession, Medical Technology has come of age since World War II. Today, as members of the medical team, technologists work side by side with pathologists and other physicians.

Performing hundreds of laboratory procedures, they help ferret out cause and cure of disease.

They are the pathologist's fact finders, tracing the elusive clues to illness through samples of body tissues and fluids. They make use of a battery of precision instruments in doing procedures to reveal normal or abnormal composition of blood or urine. They prepare paper-thin slices of tissue for the studies of cancer. They test the strength of antibiotics in combating infection.

Medical Technologists work in hospitals, doctors' offices, private laboratories, clinics, or in the armed forces, in city, state, and federal public health laboratories; in industrial medical laboratories, pharmaceutical houses, and in many medical research programs. A registered Medical Technologist always works under the direction of a pathologist or other physician.

Good judgment, manual dexterity, accuracy, and precision, are all qualities this challenging profession requires. Medical Technology also demands many contrasting qualities: a desire to serve mankind, and yet a willingness to work quietly behind the scenes; and too, an ability to work under tension in emergencies.

This is a profession for young men and women who are interested in science and would like to do medical work, but not work with patients all the time. It is for someone who is interested in the laboratory aspects of modern medicine.

Doctoral Setup OK'd

Fellowships and financial support for new or expanded doctoral programs in Anatomy and Biochemistry in the UND School of Medicine have been

approved by the U. S. Office of Education.

Supported by the National Defense Education Act of 1958, UND programs in counseling-guidance and geology also were approved. In all the University and its graduate students will receive \$126,900 in benefits over the next three years.

2 Added to Staff Of Nursing Unit

Two additions to the staff of the College of Nursing have been announced.

Mrs. Betty W. DuRand has been appointed instructor in nursing. She has been a member of the Deaconess Hospital staff and received a B.S. degree from UND in August 1959.

Named part-time instructor in nursing is Mrs. JoAnne Baglien. She received her B.S. degree from UND in 1954 and prior to her appointment was on the teaching staff of Fergus Falls (Minn.) State Hospital. She is a native of Crookston, Minn.

from the American Federation of Soroptimist Clubs. Miss Hill completed the sophomore medical course at UND this spring.

The Soroptimist group, an international association of service clubs for executive and professional women, makes regional awards each year to encourage outstanding women to undertake graduate study in a field such as government, finance, medicine or public service. The Midwestern region, from which Miss Hill received the only award, includes North and South Dakota, Nebraska, Minnesota and Wisconsin.

Miss Hill attended high school in Lidgerwood. She went to St. Olaf's College, Northfield, Minn., for two years, and completed her pre-medical college work at UND.

The Departments won approval after submitting reports of their programs and placing them in competition with proposals submitted by universities and colleges throughout the country.

The U. S. Office of Education will help develop the UND doctoral programs by providing fellowships for the students selected for the programs, plus funds to help develop the programs.

Nine fellowships have been approved for UND; 2 in anatomy, 2 in biochemistry 2 in counseling and guidance, and 3 in geology. Seven of these are in programs receiving their first approval, while two are in anatomy, a program approved last year with the establishment of four fellowships.

Consequently, beginning in September of this year the University will have 13 National Defense fellowships in 4 departments.

All fellowships are for three years. Recipients receive \$2,000 for the first year of study; \$2,200 for the second year; and \$2,400 for the third year. In addition, each fellow may receive \$400 each year for each dependent.

For institutional costs under the program the University is awarded \$2,500 annually for each of the three years the fellows continue in the program, making a total of \$97,500 for the 13 fellows. The \$97,500, plus the \$85,800 in fellowship stipends, will bring the total benefits to \$183,300.

First from College, First for June:

15 Nurse Graduates Doubly Honored

The 15 senior nurses graduating from UND this spring have a double distinction.

They are the first to finish at UND as students of the College of Nursing, the new designation given to the former Division of Nursing in July, 1959.

They are the first to complete the course in June.

Previously, senior nurses were graduated in August, their work at the University of Minnesota keeping them there beyond the spring closing date here. This year they were able to complete their work in pediatric and psychiatric nursing at Minnesota University Hospital in March. They returned to the campus and completed their senior work in time for the June graduation.

The 15 senior nurses are Merry Dale Bateman, Grand Forks; Mary Burke, Bismarck; Patricia Drugan, Valley City; Patricia Geizler, Bismarck; Annette Gotraslee, Norwich; Mary Jo Hjelmstad, Reynolds; LaVerne Lee, Grand Forks; Barbara Lenci, Virginia, Minn.; Gretchen Lovsnes, Cut Bank, Mont.; Gloria Moser,

Grand Forks; Dorothy Outke, Hettinger; Susan Rosscup, Rolla; Camille Thiele, Park River; Joann Thompson, East Grand Forks, Minn.; and Janice Porter Wolf, Park River.

Another new nursing program was introduced in April when four of the senior students began a six-weeks experience in Public Health Nursing.

This was the first program of its kind in North Dakota.

Taking part were Miss Thompson, Miss Gotraslee, Miss Geizler and Miss Bateman. Their supervised practice took place in Grand Forks and Traill Counties.

It is expected that all nursing students will be provided with Public Health Nursing field experience of this kind beginning in 1961, Dean Heyse said.

The College of Nursing, she said, is directing its efforts

toward a public health nursing program which will be fully accredited by the National League for Nursing, the recognized accrediting agency for all nursing programs in the United States. An approved course of study prepares student nurses for first level positions in public health nursing.

The pilot study was a coordinated project of the College of Nursing and the North Dakota State Department of Health. Miss Hulda Edman, assistant professor of public health nursing at UND, and Miss Irma Block, assistant director of the Division of Nursing, State Department of Health, guided the project. Mrs. Saima Acosta, county nurse for Grand Forks County, and Miss Agnes Thomas, the Traill County nurse, served as assistants.

Joining with Dean Heyse in setting up the project was Miss Vera Knickerbocker, Bismarck, director of the N. D. Department of Health Division of Nursing.

Next fall, the College of Nursing will have 24 of this year's juniors to send to the University of Minnesota for six months. Their final three months will be divided between classes on the UND campus and some clinical work at Deaconess Hospital, Grand Forks. There also are 44 sophomores who will spend their junior year in preliminary clinical studies at the Deaconess starting next fall. Thirty-three nursing freshmen will return to UND as sophomores.

This year, all University nurse students lived in University housing, sorority houses or at home, rather than in the Nurses' Residence at the Deaconess.

This has permitted students to continue participation in general University activities and also to take some senior level electives during their junior year, Dean Heyse said. She feels that all of these changes are resulting in a stronger, more liberal program for nursing students at the University.

Alumni News Notes

C. J. Rund, 1931, has a law practice in Hillsboro, N. D. During 1959 he served as president of the Traill County Bar Association. In Dec. the area was reorganized to include Steele County and the Northwood area of Grand Forks County. This new area is known as the Goose River Bar Association. Attorney Rund has been elected 1960 president of this new association.

Dr. Archie R. O'Connor, 1949, practices medicine at Clinton, Mich. Recently he

gave a lecture in Chicago on "Attitudes That Cause Cancer" at a joint session of the National Society for Medical Research and the National Association of Biology Teachers.

Dr. Howard A. Slaatte, 1941, is completing four years at Temple University, Philadelphia, as associate professor of Systematic Theology.

Dr. Alvin J. Reisch is a captain in the U. S. Air Force Medical Corps. He did post-graduate work in internal medicine at the Mayo Clinic.

2nd Psychiatrist Trainee Named

A second participant has been named for a Medical Center training program designed to provide North Dakota with qualified practicing psychiatrists.

He is Dr. T. A. Harris of Jamestown, who will undergo a five-year residency program

under terms of a law set up by the 1957 Legislature.

Under the plan, the Medical Center is empowered to finance residencies in co-operation with institutions in Kansas and Nebraska. The last two years of the program must be spent at the State Hospital in Jamestown.

Dr. Harris will take three years of training at Nebraska Institute of Psychiatry, before returning for his final two years at Jamestown.

Dr. A. F. Samuelson, originally of Turtle Lake, has been in this program since July, 1958.

Medics Join in U Honors Program

School of Medicine prizes for scholarly achievement went to seven students on Honors Day.

The awards were:

The Robert D. Campbell Medal and Prize, for the ranking student in the School of Medicine, to Charles Halgrimson, Leeds.

The J. W. Clogglazier Memorial Prize, for the ranking

freshman in the medical school in physiological chemistry, to Cecil Leith, Warroad, Minn.

The North Dakota State Medical Association Prize, for ranking students in the following divisions of the School of Medicine, Anatomy, Gyman C. Okeson, Parshall; Physiology - Pharmacology, Charles Halgrimson, Leeds;

Microbiology, Charles Halgrimson, Leeds; Pathology, Ray R. Schale, Harvey, and John W. Gilsdorf, Valley City, had the highest average among first-year medical students.

The Mrs. Richard Beck Memorial Award in Nursing, for the junior in nursing having the highest over-all average, went to Phillis Marie Garaas, Grenora.

For Seventh Year

Medical Sophomores Work in Hospitals

(Continued from Page 1)

ford, Bismarck; Francis P. Manning, Minot; Douglas Miller, Cando, and Jerry D. Wolf, Beulah. Students at St. Michael's Hospital were Christian G. Baumann, Grand Forks; Robert L. Leegard, Valley City, and David A. Rinn, Minot.

Six students going to St. Alexius Hospital and Bismarck Hospital in Bismarck were Hector Hoenig, Mandan; Ralph G. Holt, Valley City, William Holz, Bottineau; Robert L. Jennings, Grand Forks, Ward J. Mahowald, Grand Forks, and Clifford L. Rask, Mandan.

Ten medical students went to three Fargo hospitals. Going to St. Luke's Hospital were Ann Hill, Fargo; Dale A. Iversen, Cooperstown; Michael J. Kelly, Hillsboro, and Oliver E. Wiger, Twin Valley, Minn. Dennis L. Lehman, Elgin; Cecil Leitch, Kalispell, Mont.; Donald F. Levi, Zealand, and Jackson W. Lind, Aneta, went to St. John's Hospital. Robert L. Colliton, Moorhead, Minn., and Bennie Van Deest, Jamestown, took their clerkships at Veterans Hospital.

Paul A. Flaten, Edinburg, and John W. Gilsdorf, Valley City, went to St. Joseph's Hospital, Dickinson. Victor B. Brasseur, Mott, and Rodney N. Dotson, Fargo, went to Jamestown to work at the State Hospital, Jamestown Hospital and Trinity Hospital.

Trinity Hospital in Minot was the training ground for William F. Belk, Grand Forks; Ronald E. Ilvedson, Minot;



Working with patients, which they have to do early in their clinical training after leaving UND, is introduced to medical students working this spring at North Dakota hospitals as clinical clerks. The group assigned to St. Michael's Hospital, Grand Forks, is shown here checking a patient. From left to right, the medics are Robert Leegard, Valley City; David Rinn, Minot, and Christian Baumann, Grand Forks.

Gyman C. Okeson, Parshall; and Philip G. Overby, Finley.

Medical students at Good Samaritan Hospital, Rugby, were R. Garner Brasseur,

Miles City, Mont.; Robert L. Brown, Gilford, Mont.; and Wesley J. Palmer, Minnekaukauan.

Ronald D. Brown, Scranton;

Charles F. Eisenbeis, Ashley; and David G. Murgjerd, Grenora, went to Good Samaritan and Mercy Hospitals at Williston.

Summer Research Projects Again on Schedule

Summer research projects for medical students again are on the School of Medicine schedule for this summer.

Support for the projects again will come from the National Institutes of Health, the National Science Foundation, tobacco industries, Leberle Laboratories.

Added this year will be a grant from the Hill Founda-

tion for a survey of the fluoride content of water supplies of various North Dakota communities. Dr. John Pederson of the Dental Division of the State Public Health Laboratories, Bismarck, will conduct the survey, which also will study problems related to fluoride content in waters.

One medical student has received a grant from the Na-

tional Institutes of Health to take a full year from his medical training to work with Dr. Helge Ederstrom in the Physiology Department on problems in circulation. Two more medical students are expected to receive grants to carry out work in the Anatomy and Biochemistry Departments.

In addition to the three potentially slated for year's fel-

lowships, 15 medical students will receive direct grants for summer research. A number of others will work on Medical School projects supported by grants to the faculty.

The summer research program is under the direction of Dr. John W. Vennes, assistant professor in the Department of Bacteriology.