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October 1976

University of North Dakota Alumni Association

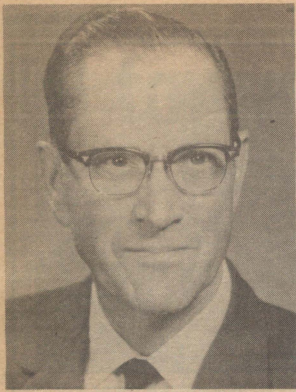
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Clarence Burgess



Donald Robertson



Ruth Noren



Elton Ringsak

Alumni Association's highest

Four to be honored with Sioux Awards

Sioux Awards will be presented to four outstanding members of the University of North Dakota community at a banquet Oct. 22 during Homecoming 1976 festivities.

Recipients of the awards are Dr. Clarence M. Burgess, '30, '31, Ruth A. Noren, former UND student health nurse, Elton Ringsak Sr., '37, and Donald C. Robertson, '58.

The Sioux Award is the highest honor awarded by the UND Alumni Association. A limited number of Sioux Awards are presented each year to members of the alumni family who have distinguished themselves in their chosen fields.

The Alumni Association's Citations Committee considers not only professional or career achievement, but also each nominee's involvement in community service activities, in business and professional associations and in interest in and loyalty to UND. Evaluation of peers is also a consideration.

Earl Strinden, Alumni Association executive vice president, said it is difficult to narrow down the number of recipients because there are so many UND alumni who have distinguished themselves in one way or another.

Dr. Burgess, a native of Penn., N.D., now living in Honolulu, Hawaii, retired Jan. 1, 1976 from the Straub Clinic and Hospital, Inc. His specialty was general surgery, and he served as a member of the executive committee of the

organization from 1940-72, in addition to serving as chairman from 1958-72. He held the position of chief of surgery at the clinic from 1962-72.

He received his B.A. from UND in 1930, and a B.S. in 1931. He received an M.B. in 1933 and his M.D. degree in 1934, both from Northwestern University. He has done post-graduate work at Harvard and Johns Hopkins medical schools.

Before his retirement, Burgess was a consulting and attending surgeon from 1935-76 at six Hawaiian hospitals, and he was on the teaching staff at several others. He helped to introduce and develop cardiovascular surgery in Hawaii.

He is a member of the American Medical Association and the American College of Surgeons, and he is a member and past president of the Hawaii Chapter of

the American College of Surgeons, Honolulu General Surgical Society and Honolulu County Medical Society.

Certified by the American Board of Surgery, Burgess received a presidential citation for service rendered to wounded at Pearl Harbor, Dec. 7, 1941. He is a founding member of the Hawaiian Malacological Society (marine sea shells), and he received the

(See Sioux Awards, page 5)

A record enrollment is again reported at UND with more than 9,000 students on campus. See inside for details.



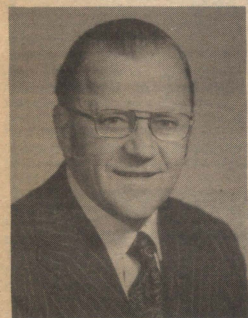
VOL. LVIV

GRAND FORKS, NORTH DAKOTA — OCTOBER, 1976

NO. 2

Aasen announces Development Fund kick-off

Lawrence O. Aasen, '47, has been named national chairman of the 1976-77 Development Fund Drive, announced Earl Strinden, executive vice president of the UND Alumni Association.



Lawrence O. Aasen

Aasen said he hopes to lead the development fund to yet another record year, when he announced the goals of the drive as being \$125,000 in unrestricted contributions and 6,300 contributors.

He challenged each member of the UND alumni family to contribute to the fund, saying that while large gifts are welcome, contributions of \$10 or \$20 also offer valuable support.

A Hillsboro, N.D. native, Aasen received his Ph.D. degree in journalism from the University of North Dakota, followed by a Master of Science degree in public relations from Boston University in 1949.

He is currently executive secretary of the Better Vision Institute, a national nonprofit public relations organization which urges Americans to take better care of their eyes.

Before joining the institute in 1967, Aasen was an assistant vice president in the public relations department of New York Life In-

surance Co. He served as writer, western public relations director in San Francisco, national publicity director and assistant vice president, during his 14 years with New York Life.

He was president of the UND alumni chapters in San Francisco and New York City, and was a 1969 recipient of the Sioux

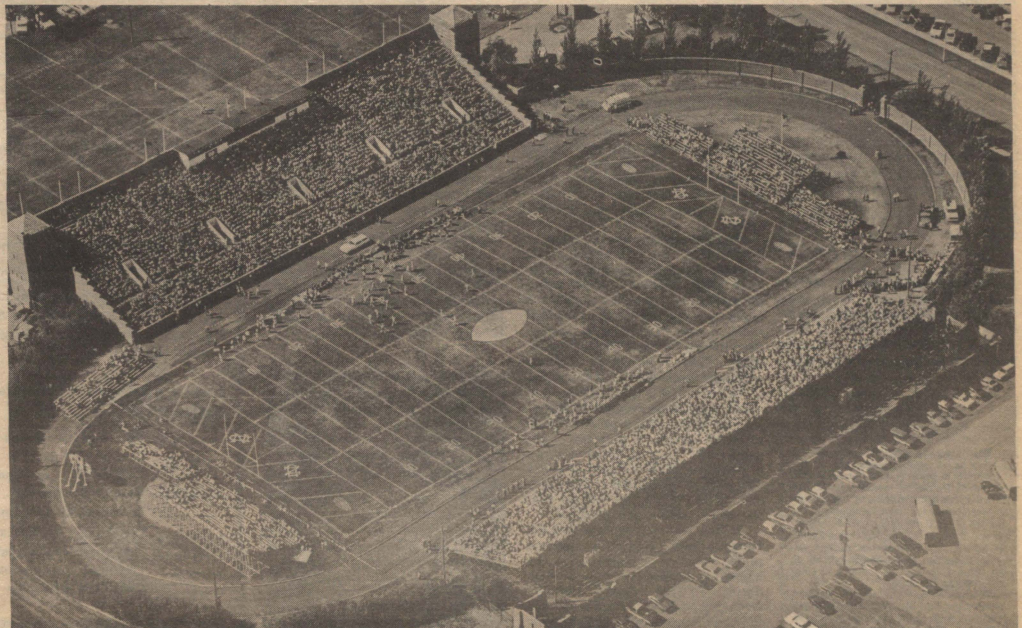
Award, the Alumni Association's highest honor. He gave the Founders day talk at UND in 1963.

Aasen is an accredited member of the Public Relations Society of America and he is a certified association executive of the American Society of Association Executives. He is also a member of Sigma Delta Chi, a professional

journalism fraternity and The Silurians, a newspaper organization.

Active in civic and community affairs, he has served on the Westport Charter Revision Commission and is a Westport Justice of the Peace.

He and his wife, Martha, have two children, David and Susan. They make their home in Westport, Conn.



Potato Bowl crowd

A CROWD OF 12,800 was on hand for this year's Potato Bowl. Athletic Director Carl Miller is looking ahead to an estimated 15,000 for the Oct. 23 Homecoming game between the fighting Sioux and the NDSU Bison.

JEFF GREEN

REPORT from the CAMPUS

By D. J. ROBERTSON
Dean of University College



As I sit in my office, writing this guest column for Earl, I can see from my window a portion of the campus mall, bathed in autumn sunlight, some of the leaves just beginning to color. Students—most of them in blue jeans—are walking together to classes or stopping to talk in small groups.

After more than thirty years in this business—twenty of them as dean of the University College, our freshman division—it is still a thrilling sight to see students coming to the campus to begin a new term. And this year there are a lot of them. With our registration count not yet complete, it appears that we may have a few more than 9,000, a record enrollment. Our residence halls are all filled, and we have even had to lease the Ryan Hotel.

Who are they? Where do they come from? Mostly from North Dakota, of course; but with our new reciprocity agreement, we have had a considerable increase in Minnesota students. It doesn't stop there, however. Last year we had students from every state in the union, except Delaware, from 41 foreign countries, and from five Canadian provinces.

Many are sons and daughters of alumni. They come from as far away as California and Virginia and New Mexico—and all the points in between. It gives you a special kind of feeling to have a freshman in your office and realize that you once advised that student's mother or father. One of the events, Alberta and I always enjoy attending is the convocation for new students and their parents, which we now have in the beautiful Chester Fritz Auditorium. Here we meet mothers and fathers whom we remember as students in "the good old days."

What are they like, these new students? Well, for one thing, they're pretty bright. This isn't just an impression. It's a statistical fact. Most of them, along with a million or so other high school seniors, have taken the American College Test. Our students score a good deal higher than the national average, higher even than the average for students entering four-year doctorate-granting universities like this one. Furthermore, many of our entering freshmen have already earned considerable college credit through our testing center which participates in the national College Level Examination Program.

So the new freshmen are a capable group. But what are they really like? How different are they from the freshmen in your class and mine?

One of the bits of advice I give staff members who work with freshmen is this: "Remember what it was like when you were a freshman." This isn't always easy to do. Perhaps it is more difficult for me than for you, because I have observed so many generations of students from my day to this one. To really turn back the pages, to really get a feeling of what it was like, you almost have to conjure up the old sights and sounds, the buildings and the events and the old familiar faces.

There were Fritz and Joe and Hup—you had your own group—and the girls down sorority row. Did they really wear high heels and hats and gloves? There were Old Main and Davis and Macnie (all gone now) and the Armory, where we registered and drilled

and danced at "Hob-Nobs" and cheered at basketball games. Few of us had been away from home before, and the then modest little campus, with an enrollment of less than 1,800, was a big, new world, formidable and threatening at first, and we had alternate moods of anxiety and the thrill of high adventure.

In those days, when a group of students were gathered in the office of the dean, it meant that they were in trouble. Years later, the same kind of scene would mean that the dean was in trouble.

Since my own freshman days, now dim in shadow and nostalgia, I have observed succeeding generations of students, all different, yet all sharing something in common.

There were the serious war years, followed by the return of veterans, mature, purposeful, impatient with anything that they dubbed "Mickey Mouse." And there were the calm, almost apathetic students of the 50's, when life was serene and secure. The serenity exploded in the Vietnam War years, when the campus simmered and even boiled, but didn't quite explode.

There were sit-ins and teach-ins and placards and upraised fists and long hair that could either mean the defiance of the militant or the flower power of the hippie—or sometimes both.

This was the first generation whose chief concern did not need to be acquiring enough to insure that they would have food and clothing and shelter. Anyone with a college degree could get a good job. And so, since they didn't have to be concerned about themselves, they could be concerned about social issues. They could fight for personal rights—their own and the rights of others. They insisted upon being heard; they were given places on University committees—even the University Senate.

And then, suddenly, it was all quiet on the campus front. In talking to a group of freshmen recently I discovered that they didn't know much about the recent campus turmoil and were not very much interested. And yet it is all part of their heritage. They will still take their seats on University committees and in the Senate, but they will take them quietly and knowledgeably.

Which brings me back to my first question: What are today's freshmen really like? They are serious and concerned. Perhaps because of the economic squeeze, they are much more concerned about their future careers. They are more mature than we were—physically and psychologically—and more sophisticated. Most of them have traveled—not just to Minneapolis or the West Coast, as some of us may have done—but many of them to Europe or the Orient. Their hair is a little shorter and, even in blue jeans, they don't look as scruffy as the undergraduate of the 60's. According to the American Council on Education, which polls college freshmen across the nation, our new students—like the others—are more conservative politically than in recent years.

But, like the students just before them, they have concern for others. They are anxious to work with the handicapped and the disadvantaged. This may be one of the reasons why so many plan to major in the health fields, nursing (which has been very competitive but may be expanded now because of its new building), medicine (a new impetus with the four-year school), or physical and occupational therapy (relatively new fields for some of us).

And the career consciousness may be the reason for the greatly expanded enrollments in the College of Business and Public Administration—especially accounting—and in the School of Engineering and Mines. Incidentally, dozens of recruiters from such firms as Haskins and Sells, and Dupont and General Electric are coming to the campus this fall to interview seniors in these fields.

This year's freshmen are also showing a new interest in fraternities and sororities. Figures on fall rushing show an increase of fifty percent in new members.

Here, in my office, as I finish this column I see some brand-new freshmen waiting to ask me some of the same old questions. What are they like? Just like we were. New and excited—and a little uncertain.

They are also the life-line of the University—and some day they will be alumni.



DICK LARSON

Pat Larson leaves

MYRTLE "PAT" LARSON ALLGOOD greets friends with President Clifford at a reception held recently for her. Pat, who served as administrative assistant over a period of 24 years to three UND presidents (John West, George Starcher, and Tom Clifford), resigned recently to move with her new husband Henry, to Gig Harbor, Wash.



Homecoming 1976 University of North Dakota

PLAN NOW TO BE ON CAMPUS FOR THIS YEAR'S WEEKEND OF HOMECOMING FUN!!!
OCTOBER 22-23

Homecoming '76
P.O. Box 8157, University Station
Grand Forks, ND 58202

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____

Please make the following reservations (include the number of tickets desired for each event):

- _____ Homecoming "Kick-off" Luncheon, Friday, Oct. 22, \$3.50 each
- _____ Sioux Awards Banquet, Friday, Oct. 22, \$7.00 each
- _____ President's Luncheon, Saturday, Oct. 23, \$4.00 each

(The above functions are open to all alumni and friends)

My check in the amount of \$ _____, payable to the UND Alumni Office, is enclosed.

Please indicate if you will be attending any of the following special events:

- _____ College of Nursing Reunion
- _____ Class of 1951 Reunion
- _____ Class of 1951 Law Reunion
- _____ Kappa Sigma Reunion
- _____ Committee of 100 Meeting
- _____ Continuing Legal Education Seminar
- _____ Dakota Student/Dacotah Annual Staff Reunion
- _____ Letterman's Club Reunion
- _____ Delta Upsilon Reunion

Homecoming football game tickets (\$4.50 plus 50 cents mailing charges) are available directly from the UND Athletic Dept. Ticket Office, University Station, Grand Forks, ND 58202. Make checks payable to the UND Athletic Dept.

Medical School professor receives \$418,000 grant

A biochemist at the University of North Dakota has received a \$418,000 federal grant to continue research into what may be a "thermostat" function of a liver enzyme known as glucose-6-phosphatase.

He is Dr. Robert C. Nordlie, Chester Fritz Distinguished Professor of Biochemistry in the UND School of Medicine, who received the five-year grant from the National Institute of Arthritis, Metabolism and Digestive Diseases.

Nordlie said his enzyme research is an example of the scientist attempting to gain new knowledge above fundamental physiological processes as a necessary prelude to the development of new medical procedures. Enzyme research at UND, he said, may have important future medical implications, particularly in the treatment of diabetes and other blood sugar related diseases.

This grant will enable a UND research group of graduate students and post-doctoral fellows to continue studies begun 13 years ago of the implications of Nordlie's earlier landmark discovery concerning glucose-6-phosphatase.

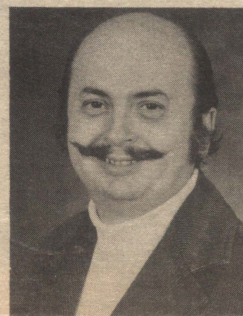
It has been known previously, Nordlie said, that this enzyme plays the role of catalyst in the breaking down of a glucose compound in the liver, thereby releasing sugar into the blood.

What surprised the scientific community, he said, was the Nordlie team's discovery that this enzyme also plays a role in the creation by synthesis of that same glucose compound.

This discovery may mean, Nordlie said, that glucose-6-phosphatase, acting together with other enzymes in much the way a thermostat regulates a furnace is a key to regulating sugar levels in the blood.

"Regulation of blood sugar levels clinically through chemotherapeutically induced changes in the relative levels of these various enzymes is a distinct possibility, and is the subject of current investigation in the UND laboratory," Nordlie said.

University officials said the grant brings to more than \$1.2 million the amount of outside research support Nordlie has obtained since joining the UND faculty in 1962.



Robert Nordlie

ALUMNI REVIEW University of North Dakota

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UND is an equal opportunity institution.

10 to be inducted into Hall of Fame

By LEE BOHNET

Ten men long associated with University of North Dakota athletics will be inducted into the Sioux Athletic Hall of Fame at special ceremonies here Oct. 23.

Seven former student-athletes and three honorary selectees will be inducted into the second class of the Hall of Fame during the UND Lettermen's Club annual meeting at the Westward Ho Motel.

The former student-athletes are Dr. Paul T. Cook, Evan Lips, Henry R. (Caesar) Murphy, Steve M. Myhra, John M. Noah, William R. Steenson and Charles F. Wolfe. Honorary inductees are UND Prof. R. D. Koppenhaver, Leonard R. Marti and Albert Purpur.

The UND Athletic Hall of Fame was organized in 1974 and its purpose, according to UND Athletic Director Dr. Carl R. Miller, "is to provide an orderly manner in which to recognize outstanding athletic personalities of UND. A committee will make selections annually for membership and certify the names to the university president, who notifies each individual of his selection."

Committee members are: Miller, Dr. George Schubert, faculty athletic representative; Lee Bohnet, sports information director; Keith Warren, past president of the Sioux Booster Club; Ron Wilkening, president of the graduate Letterman's club; R. D. Koppenhaver, appointed by President Thomas J. Clifford, and Gordon Caidis, Grand Forks and Mark B. Foss, Fargo, N.D., both UND Alumni Association members of the UND Athletic Board of Control.

Capsule profiles of the 10 Hall of Fame selectees for 1976:

DR. PAUL T. COOK, a native of Bismarck, N.D., now residing in Santa Maria, Calif., is semi-retired from his medical practice. A legend in North Dakota amateur golf circles, he won his first of four straight state amateur links championships in 1929 and added his fifth in 1934. He lettered in golf at UND four years (1931-34) when the sport first gained popularity as a collegiate event.

EVAN E. LIPS is also a Bismarck native. He lettered in football three times, 1937-39, was a

three-time All North Central half-back, and also served as an assistant coach one year. He is a

former Mayor of Bismarck and a long-time state senator. He was ranked one of the best blocking

pion Peoria (Ill.) Caterpillars. A consistently high scorer, Wolfe led the conference and UND scoring



Paul T. Cook



Evan E. Lips



Henry R. Murphy



Steven M. Myhra



John M. Noah



William R. Steenson



Charles F. Wolfe



R. D. Koppenhaver



Albert Purpur



Leonard R. Marti

LEEWAY

Sioux Sports Smoke Signals

By LEE BOHNET, '51
Sports Information Director

Sports activity at your Alma Mater is underway, with both male and female teams already a third of the way through their fall seasons. Football draws attention by everyone interested in sports, but our men's golf and cross country teams are active too. The women have field hockey, tennis, volleyball and golf underway.

As we write this, our football team is 0-2. We opened the season at home before 12,800 Potato Bowl fans and lost to Montana State, 18-14. That was the first loss in six seasons to Montana State. A week later we took on University of Wisconsin's Badgers at Madison and were beaten 45-9. And right now, coach Jerry Olson and his coaching staff are preparing our team for the Sept. 25 game at University of Delaware.

Our young team made crucial mistakes against Montana State, and our play didn't please Olson. However, the mistakes were honest ones; the team didn't quit. We didn't capitalize on second half scoring opportunities after leading at halftime, 14-3.

Both our offensive and defensive units are made up of about half new players. Inexperience is remedied only by playing experience. By mid-season we should be a very solid and exciting team. Coach Olson has repeatedly said he has great expectations for this team.

At Madison, we ran into one of the finest major college teams in the country. A week before meeting the Sioux, Wisconsin's Big Ten Badgers gave number one ranked Michigan a great scare and nearly beat the Wolverines.

Coach Olson said he was impressed with the over-all quickness and execution of the Badgers on both offense and defense and said

the linemen were very quick. However, our team fought to the final whistle.

Olson said he would schedule Wisconsin again if the opportunity presented itself. Unfortunately it doesn't. We had only a one-year contract with the Badgers. "Playing Wisconsin was a great experience for our football team and was good for our program. We would do it again if we had the opportunity," he said.

A year ago our football team passed an average of six times a game because we had such a great running game. This season we've thrown the ball an average of 25 times a game. We believe we'll have great success throwing the football with new sophomore quarterback Greg Gunderson.

With an explosive passing attack we look for our running game to be effective too. And defensively, we are better than a year ago. A year of experience in the skill positions has helped immensely.

Mankato State University has canceled its 1976 football schedule, leaving us with an open date at home Oct. 30. Mankato State is leaving the North Central Conference after this season, but will play its NCC schedules this season. The university dropped football because it didn't have enough players, a result of inadequate scholarship monies. Personally, we feel this is tragic. But the NCC will survive without Mankato State. And, the University of Nebraska at Omaha will begin official NCC competition next season.

Coach Louis Bogan has four lettermen leading the men's golf team. The team plays both fall and spring schedules, with the NCC tournament being Oct. 1-2 at Sioux

Falls, S.D. The Sioux golfers opened the season by placing third in the North Country Invitational Tournament at Bemidji, Minn.

Three lettermen have returned to Coach Frank Zazuza's cross country team, which opens Oct. 25 at Winnipeg, Man. against the University of Manitoba.

Our women's teams have been very active too. Coach Dee Watson has 11 letterwinners in field hockey, and the team finished fourth in our own Can/Am field hockey tournament among 12 teams. Our second team finished sixth in the big field.

The women's tennis team whipped North Dakota State, 8-1, and won our own invitational tournament. Coach Doug Hiney is working with several letterwinners and is optimistic about the season.

Women's golf coach Pat Mauch and her defending Minn-Kota Conference champion team includes five returning letterwinners. The team placed second in the Concordia Invitational Tournament and second in our own invitational.

Coach Polly West is working with 15 women's volleyball players. Four women return from the 1975-76 team, which had a 5-3 record. The spikers began play Sept. 22.

SHORT SHOTS—We look forward to inducting the second class into our UND Athletic Hall of Fame Oct. 23 at the annual meeting of the national Lettermen's Club. The induction ceremonies will be Saturday morning at the Westward Ho Motel.

Coach Rube Bjorkman had more than 80 candidates reporting for the start of hockey drills Sept. 15 and is running two practice sessions each day. We open our hockey schedule Oct. 22-23 at home against University of Alberta. Bjorkman and his assistant John Gasparini worked hard to recruit several outstanding players and we feel confident our veteran hockey team will do well this season.

Basketball drills will begin Oct. 15. Coach Dave Gunther is also recruiting several outstanding freshmen, but will work with an almost new starting unit since we graduated seven players from the great 1975-76 team.

Workmen are completing installation of new concrete in the permanent west stands of Memorial Stadium. We had hoped to install new colorful (green) aluminum seating in the stadium west stands this season also. However, bids came in too high and the project will be rebid next spring and the seats installed for the 1977 season.

See you all at Homecoming Oct. 23 when we meet North Dakota State in the big game at 1:30 p.m.

ocks UND has ever had by such UND observers as retired Grand Forks Herald sports editor C. D. Locklin and Ed Boe, a UND super athlete, already in the Hall of Fame. Both of Lips' sons were UND athletes in recent years. Evan Jr. was a standout starting guard in basketball and Erik was a football placekicker. Lips is president of a Bismarck insurance agency.

HENRY R. (CAESAR) MURPHY, a native of Minot, N.D., was a great UND basketball center, who also played football. He lettered in 1913-17, and playing in an era when college basketball teams averaged 20 points a game, Murphy averaged nearly 25 points a game in his distinguished career. Murphy's top scoring effort came with a 34-point outburst Jan. 23, 1917 at Jamestown College in a 60-7 UND triumph. He is a businessman in Minot.

STEVEN M. MYHRA was a two-time All America first-team tackle in an era when football players went both ways in 1955-56. A native of Wahpeton, N.D., Myhra has the distinction of being the first Sioux football player to make it big in post-WW II pro football. He played six seasons with the world champion Baltimore Colts. In a playoff game with the New York Giants he kicked the field goal that led to the first overtime pro game in 1961. Myhra was also a fine weightman on Sioux track teams, lettering twice in that sport. But, he gained a lasting reputation as a great football lineman, widely respected by football men. He is in the real estate business in Phoenix, Ariz.

JOHN M. NOAH, a Crookston, Minn., native, was a super hockey defenseman and became the first UND hockey All American in 1951. He lettered four years in hockey. He was a member of the United States National hockey team in the world tournament in 1950 and performed very well. Noah long has been a promoter of amateur hockey and devoted countless hours to not only coaching and managing, but also bank-rolling amateur hockey in North Dakota. He is a United States Court Probation officer, stationed at Fargo, N.D.

WILLIAM R. STEENSON, a native of Moose Jaw, Sask., was also a super hockey defenseman. He is the only Sioux skater ever to win All America honors in three consecutive seasons, 1956-59, an honor duplicated by only a handful of collegiate stars. Steenson was rated by veteran observers as the most able defenseman (for his size) UND has ever had. Steenson is a petroleum engineer. His home is Kimberley, B.C.

CHARLES F. WOLFE, was a three-time record-setting All North Central Conference forward in 1950-53, and he captained UND basketball teams his junior and senior seasons. He led UND scoring three seasons and received All America honorable mention on several teams. Wolfe played several seasons for the AAU cham-

three times and his name is found in the Sioux record book several times. A native of Minot, N.D., Wolfe is in the real estate business in Pekin, Ill.

PROF. R. D. KOPPENHAVER is now a UND professor Emeritus of Accounting. He has been at UND since 1937 and served as UND faculty athletic representative from 1938-49 and from 1971-73. He has been head UND basketball scorer or timer from 1937 to present, missing only four home games in that span. All three of his sons were UND athletes. His eldest son, Dr. Richard G., is now Commissioner of the North Central Conference, headquartered in Minneapolis.

LEONARD R. MARTI, a native of New Ulm, Minn., retired June 30 as UND athletic director and now resides in Grand Forks. During his 30 years at UND he built UND athletics and physical education to top national ranking, in quality, integrity and consistent success. He came to UND from the Bismarck, N.D. school system and became athletic director in 1958, and has worked untrigingly for the betterment of both athletics and UND. He planned construction of two major UND athletic facilities, the fieldhouse in 1951 and the winter sports center in 1972.

ALBERT PURPUR, retired June 30, 1975 as supervisor of UND athletic buildings and grounds. He began working at UND in 1936 under the late athletic director and head football coach C. M. (Jack) West. A man of many abilities, his devotion to his job was always recognized by UND coaches and athletes. His wife, Vi, was a long-time manager of the UND athletic concessions.

Athletic Hall of Fame inductees include Edmund W. Boe of Grand Forks, the late Joseph J. Flanagan, the late Glenn L. (Red) Jarrett, the late Clement W. (Clem) Letich, Frederick D. (Fritz) Pollard of Washington, D.C., William F. Reichart of Rochester, Minn., the late C. A. (Jack) West and the late Herman J. Witasek.

News Notes

Larry D. Williams, '58, received his M.A. in management from Central Michigan University, Mt. Pleasant, Mich. Williams, who resides in Springfield, Va., was one of the first group of 30 of more than 3,000 employees of the Defense Contract Audit Agency selected to participate in the Director's Fellowship Program in Management. He is assigned to agency headquarters in Washington, D.C.

Lucile Bjorkman (Loland, ex '56) is the head of a preschool program in St. Cloud, Minn., where she lives.

Douglas Dunahay, '53, is a resident of Denver, Colo., is the president of B. J. Leonard and Co., a brokerage firm with branch offices in Colorado, Wyoming, Nebraska and Arizona.

Hockey Schedule

The Sioux hockey team will open its season Homecoming weekend, with two home games against the University of Alberta. The season includes 20 home games and 16 road games, with 34 Western Collegiate Hockey Association matches.

Home games include:

- Oct. 22 — U-Alberta, 8:30 p.m.
- Oct. 23 — U-Alberta, 7:30 p.m.
- Nov. 30 — Denver*
- Nov. 12-13 — Minnesota-Duluth*
- Nov. 26 — Michigan State*, 8:30 p.m.
- Nov. 27 — Michigan State*
- Dec. 3-4 — Michigan Tech*
- Dec. 29-30 — U-Saskatchewan

- Jan. 14-15 — Wisconsin*
- Jan. 28-29 — Michigan*
- Feb. 18-19 — Colorado College*
- March 4-5 — Minnesota*

Road Games are:

- Nov. 5-6 — Colorado College*
- Nov. 19-20 — Minnesota*
- Dec. 10-11 — Wisconsin*
- Jan. 7-8 — Michigan Tech*
- Jan. 21-22 — Minnesota-Duluth*
- Feb. 4-5 — Denver*
- Feb. 11-12 — Notre Dame*
- Feb. 25-26 — Michigan State*

All home games begin at 8 p.m. except where noted.

*Western Collegiate Hockey Association games

Clifford addresses decision-makers at UND Lignite Research Briefing

By THOMAS J. CLIFFORD

The following speech by President Tom Clifford was delivered Sept. 15 at the UND Lignite Research Briefing for decision-makers in energy-related private companies and public agencies. Alumni Review reprints it in response to dozens of requests that President Clifford's words reach a wider audience.

Welcome to the Sioux State, the land of the wild prairie rose and the meadowlark, to the vast expanses of the native prairie—tallgrasses and mixed grasses, to the prairie potholes that support millions of geese, ducks and other waterfowl, to the land that supports wheat "Number One", the sugar beets and the potatoes.

Many of you must have already known, or been told, of the rigors of the climate here; let me add, the warmth of the hearts of the people here is quite another story. It is a land that you have got to get used to, and once you have, you will hesitate trading it with any place in the world. News commentator Eric Sevareid said, it might be "a trial of the human spirit just to live" here, but it is also "a triumph of faith and fortitude."

Those of you coming from other parts of the state, welcome to Grand Forks, the home of the University of North Dakota. Whatever walk of life you might be in, we as a university have always appreciated your help and your support.

The University of North Dakota, which is the largest educational institution in the state, has always maintained a great and quality diversity in its program ever since its inception in 1883, six years before North Dakota joined the Union. These now range from programs in library science to computer science, from law and medicine to sociology and governmental research, from arts to research in engineering and environmental sciences. Since it is the last two programs that we are specifically interested in, let me review these briefly for you.

We are proud that this institution has a long and outstanding tradition in the fields of resource development as well as conservation, and has been the leader in these fields in our state. We also have a very long and outstanding record of cooperation in the research endeavor with the governmental agencies.

It is for more than nostalgic reasons therefore, that I turn to the archives of our memory lane. "Histories make men wise," noted Francis Bacon. Or, as Norman Cousins put it: "History is a vast early-warning system."

The interest in pollution, conservation and lignite began shortly after the inception of this university when none of these were in vogue. The interest came from the dynamism, zest and original research of Earle J. Babcock.

Let us look at some chronological landmarks in Babcock's interests and this university: in 1890, a short report on the sugarbeet industry of the Red River Valley; in 1892 a report on the utilization of North Dakota clays; in 1893, a strong concern for the polluted waters of the Red River; in 1896, the coming into being of the state Geological Survey; in 1895, the

establishment of the university's School of Mines; and the beginning of the formal lignite engineering research around 1903.

"Hounding state industrialists and miners for contributions of material, time and money, Babcock resorted to begging whenever necessary," wrote William O. Beck. It was after satisfactory tests by chemists from the government that Babcock published his statements on coal gasification from North Dakota lignite.

He noted: "Lignite coal is undoubtedly adapted to another very important use, namely the manufacture of gas suitable for the production of power and probably for lighting purposes."

In the early 1890's, Babcock was concerned about the State's economy being based on agriculture alone because of the vagaries of climatic factors and wanted to see more diversification of the economic base.

The Babcock papers in the Archives of the University of North Dakota are illuminating and worth study. Included in these papers are a patent for briquetting and a new method of treating lignite coal on January 15, 1915; and correspondence with the U.S. Bureau of Mines.

As far as these papers show, the first grant allotted by the Bureau of Mines was in 1914 of \$1,500 (he had asked for \$2,500). Our correspondence with the Bureau of Mines, I am very happy to say, has been going on ever since.

The lignite research since then has gone on and diversified. At the university's Project Lignite methods are being evolved for upgrading Northern Great Plains Province coals into premium fuels and chemical products. This five-year \$4 million project funded by the U.S. Energy Research and Development Administration, emphasizes the liquefaction of lignite, followed by the separation of the residual solid mineral matter.

A solvent refined lignite process development unit now being operated produces a high quality boiler-fuel which can also be used as a premium feedstock for conversion processes producing distillate fuels such as gasoline, kerosene and home heating oils.

In addition to being a solid fuel and a source of liquid and gaseous fuels, lignite is also a potential source of useful chemicals. Before the prevalence of petroleum, organic chemicals were commonly derived from coal. Lignite contains the same basic components as petroleum and is being considered more and more as a source of chemicals as liquid hydrocarbons grow more costly and scarce.

Researchers at the University's Departments of Chemistry and Chemical Engineering are studying methods for the conversion of lignite into liquid products which may be suitable as chemical feedstocks and chemical intermediates. The Chemistry Department has additionally embarked on a 3-year \$550,000 project from the U.S. Energy Research and Development Administration to study the structural features of chemical constituents obtained in lignite liquefaction.

In collaboration with Project Lignite, they are striving to learn more about the solvent refined liquefaction process as well as the best conditions and catalysts

needed for lignite conversion to liquid fuels like gasoline.

Earlier in my remarks I mentioned the excellent research relations we have had with the government agencies particularly the Bureau of Mines which goes as far back as 75 years. It was a result of these cooperative efforts that the University of North Dakota in the late 1940's was able to convince the Bureau to locate a major Lignite Research Laboratory on the campus of this university.

In 1948, Mr. Alex Burr of the Bureau of Mines made the following remarks: "It's (Grand Forks Lignite Research Laboratory) location here is recognition of the basic soundness of the work previously done, the value of the facilities of staff and equipment provided by the University, and the spirit of cooperation manifest by President West and Dean Harrington."

Might I add that the land on which the facilities were built by the federal government was presented by the University as a token of appreciation for the past cooperation and the hopes of a very bright future.

Last year (1975), the Laboratory was transferred to the newly created federal Energy Research and Development Administration. It is now called the Grand Forks Energy Research Center.

The Center is actively engaged in several lignite conversion research projects. In the area of coal combustion, the Center is using a unique pilot furnace to simulate various conditions found in commercial boilers. Data from this test program are being used extensively by industry to evaluate coal deposit considerations in designing new power plants.

The Center also conducts field tests at operating power plants. A coal gasification process that shows considerable promise of being superior to the conventional Lurgi process is also being tested in a pilot plant at the Center. This research unit has demonstrated this process to have two to four times the output of Lurgi process while using only one-fifth the quantity of steam and producing much less liquid effluents. The emphasis is on the methods for processing liquid effluents with minimum pollution and maximum water use.

The Center is also active in developing a co-steam process for producing a heavy liquid boiler fuel sufficiently low in sulfur, nitrogen and ash content to be environmentally acceptable without the use of stack scrubbers or other control devices. However, work is continuing at the Center in the field of environmental control technology. A near-term control method has been developed to use alkaline fly ash produced from these coals as a reagent in the scrubbing process to remove sulfur dioxide.

I have reasons to believe, with many hopes, that we will have a relationship of compatibility, compassion and cooperation, as we have had in the past, with the Grand Forks Energy Research Center and its new administrators.

Significant research in the field of lignite and subbituminous fly ash as a concrete additive has been conducted at the University over the past eight years. The Coal By-Products Utilization Institute (formerly the Fly-Ash Institute) has been

instrumental in the recent American Society for Testing Materials (ASTM) adoption of a revised specification which includes the use of this concrete additive. The adoption of this standard has made available a market for solid waste material. The Institute while continuing its efforts in the fly ash testing and research program, has initiated new programs in the use of bottom ash and gasifier ash.

While the first half of this century was the age of nuclear physics and molecular biology, the latter half might be called the age of space technology, ecology and environment. Globally, but particularly in the industrialized nations of the world, concern has been expressed, justifiably, for the protection of our environment. According to John A. Weins, the causes are many indeed: "The roots of environmental crisis are, of course, more than just technological, and involve more than ecosystem balance alone.

Religious beliefs, ethics, sociological patterns, governmental philosophies, demography, economics, various behavioral and morphological vestiges of our primate ancestry, and a host of other culturally fostered attitudes are also implied and must be included in the search for solutions."

With the passage of the National Environmental Policy Act, the dual mandates of energy production and environmental protection have created a need, and legal requirement, for determining the impact of mining and power generation activities on the surrounding animal and plant life and on the air, water and land that support them. Such environmental impact studies have been carried out by the University of North Dakota for the last eight years, usually at the request of private industry.

The university's Engineering Experiment Station, the Institute for Ecological Studies and the Biology Department have cooperated extensively in assessments of power plants and high BTU coal gasification facilities.

Researchers from these units have evaluated the chemical effects of stack effluents on vegetation, soils and small animals, on the impact of power plant and gasification wastes on the quality of both surface and ground waters, and the biological availability of trace elements and their fate during processing disposal.

Cooperating frequently in these impact studies is the North Dakota Geological Survey, which is headquartered at UND. The Survey studied the impact of mining the Fort Union lignites on ground water supply and quality at several sites.

Surface mining for minerals cannot however become a reality unless a return of the mine areas back to original biological productivity is assured.

First reclamation efforts at the university began 10 years ago. More recently, Project Reclamation was initiated as a five-year interdisciplinary investigation into a large number of factors involved in the successful restoration of surface mined lands to long term productivity. This program funded for more than \$1 million by the Bureau of Mines, U.S. Department of the Interior, is in its second year of operation.

Because reclamation is a very complex proposition, several avenues of research are being pursued using a systems analysis approach. Field, controlled environment, and laboratory test studies are being conducted to determine the relationships among physical and chemical characteristics, climatic and productivity aspects of plant and soil microbial communities.

The occurrence and characteristics of near surface lignite deposits that may be beneficial to reclamation are being studied. Successional changes on naturally revegetated spoils of different ages are being studied for indications of species that may have the greatest potential for stable and long term productivity.

The data collected in these studies are being statistically and mathematically modeled to give a more complete view of problems and possible solutions in achieving ecologically sound and economically feasible reclamation.

Ecology deals with the balance of nature, economics deals with the management of monetary flow and goods — what the society needs is a balance in wants, demands, needs and attitudes. As Norris Yates recently pointed out even Aldo Leopold, considered by some as the Thoreau of ecology and conservation movement in this country, was aware that environmental problems were also the socio-political problems.

Lord Ashby summed it up very aptly: "The formula for survival is not power; it is symbiosis." As we look to the future, we hope our research efforts will make a cleaner technology, and a cleaner and aesthetically pleasing and productive environment, a reality.

Research is a never-ending quest for knowledge; extant problems will be solved and probably newer ones will arise. Debates in the American tradition on the utilization of better methods will and should continue to ensure the leadership of the United States in science and technology. But conscientiousness not contentiousness, conciliation not confrontation, must always remain the key words to maintain a great society.



BILL HEHER, A UND researcher, explains one phase of Project Lignite to part of a group of more than 100 decision-makers in

the public and private sectors from across the country, during a recent Lignite Research Briefing at UND.



DICK LARSON

PRESIDENT TOM CLIFFORD presents his 1977-79 budget request to the State Board of Higher Education, which met at UND in September.

UND budget requests scrutinized before state legislature convenes

By DAVE VORLAND

University of North Dakota administrators already are involved in the process of obtaining approval for UND's request to the state legislature for the two-year period beginning July 1, 1977.

The final step of the process will occur next spring when the governor signs the higher education bill providing funds for the state's universities and colleges. Before then, UND's budget request will be scrutinized by a series of review panels, and debated and voted upon by both houses of the Legislature.

Three of UND's budget defenses will have been completed by the time this issue of Alumni Review reaches its readers. These include hearings by the Board of Higher Education, the Legislative Council Budget Section, and the Governor's Budget Office. Early in 1977 the Legislature will convene, and appropriations committees in both houses will take a close look at the figures before making recommendations to the full body.

According to UND Vice President for Finance Gerald Skogley, much of UND's request is based upon a standardized formula developed by the Board of Higher Education which, for example, allocates faculty positions to the institutions on the basis of prospective student enrollment.

The formula approach results in a request which is based upon concrete reality and is tailored to the individuality of the institution. On the other hand, Skogley said, the resulting budget requests contain virtually no "fat," making mandatory an effective presentation and defense of the budget.

The University's request is in three parts, Skogley said.

Largest is the UND general budget request, which seeks authority to spend \$50 million during the 1977-1979 biennium. The funds would come from a combination of UND institutional income, mostly tuition, and money from the state's general tax fund.

The request represents a substantial increase over 1975-1977 biennial budget, Skogley said, much of it to cover the higher cost of maintaining the present level of operation.

Only about \$1 million of the request, he said, is for what can be considered "new" spending. Among other things, this money would fund additional efforts to bring UND into compliance with federal requirements concerning equal opportunity for women; a new academic major in Native American Studies; additional efforts in career counseling for students; an adjustment recognizing UND's high library costs due to the presence of the law school; and even additional janitorial help required by physical plant changes.

Among other intricacies UND officials will explain to the review bodies and to the Legislature, Skogley said, are budget format changes which make it difficult to compare this request with those of previous years. "It gets complicated, to say the least," he noted.

The separate UND Medical Center budget (School of Medicine, College of Nursing, and related units) is submitted separately, as is the Rehabilitation Hospital budget.

The Medical Center request is for \$13.7 million, Skogley said, which also represents a substantial increase from 1975-1977. The extra dollars will cover higher costs; the final stages in the conversion of UND's two-year medical program into an on-going four-year degree-granting program (UND's first M.D.'s were awarded this spring); expansion of the post-M.D. medical residency program; and expansion of nursing enrollment.

The Rehabilitation Hospital budget calls for \$10 million in spending for the two years, with all but \$560,000 to be paid by patients. This latter amount is being requested from the Legislature to cover the bills of indigent state residents who use the hospital.

Skogley said the University hopes the Legislature will consider two UND building requests. These include additions to the UND Fieldhouse and to the Chester Fritz Library. The 1975 Legislature approved funding for an office-laboratory building at UND in the 1977-79 biennium, and this decision will be reviewed and hopefully reaffirmed.

In coming months, Alumni Review will provide brief status reports on the further consideration of the UND budgets.

HOMECOMING CALENDAR

Tuesday, Oct. 19

8 p.m.—Edmonds and Curly moderate the Student Talent Show, Chester Fritz Auditorium.

Friday, Oct. 22

All Day—Continuing Legal Education Seminar, Town House Motor Inn.

8:30-9:30 a.m.—Conducted Tours, New College of Nursing Building.

8:30-11 a.m.—Nursing Clinical Conference, Josephine Campbell Recital Hall in the Hughes Fine Arts Center.

11 a.m.—Registration of Committee of One Hundred, University Center.

11:30 a.m.-1:30 p.m.—Conducted Tours, New College of Nursing Building.

12 Noon—Homecoming "Kick-off" Luncheon, University Center Ballroom.

2-4:30 p.m.—Committee of One Hundred meeting, University Center.

2:30-4:30 p.m.—Nursing Clinical Conference, Josephine Campbell Recital Hall in the Hughes Fine Arts Center.

4 p.m.—Trivia Bowl, University Center Ballroom.

4-5:30 p.m.—Conducted Tours, New College of Nursing Building.

5:30 p.m.—Sioux Awards Banquet social hour and dinner, Westward Ho.

8 p.m.—Delta Upsilon Reunion activities, DU House and Town House Motor Inn.

8:30 p.m.—Hockey, UND vs. University of Alberta, Winter Sports Building.

8:30 p.m.—Arlo Guthrie in Concert, Chester Fritz Auditorium.

9:30 p.m.—Marine Hospitality Party, Westward Ho.

All evening—Open House at Kappa Sigma Fraternity, 50th Anniversary Reunion.

Saturday, Oct. 23

8:30 a.m.—Letterman's Club Bloody Mary Party and Breakfast, annual meeting and Hall of Fame presentations, Westward Ho.

8:30-9:30 a.m.—Conducted Tours, New College of Nursing Building.

9:30 a.m.—Marine Corps Silent Drill Platoon and Drum and Bugle Unit, Memorial Stadium.

10 a.m.—College of Nursing Dedication Ceremony, Nursing Building, Room 108.

All morning—Open House on the UND campus, Hughes Fine Arts Center, Chester Fritz Auditorium, Winter Sports Center, Medical Center Rehabilitation Hospital, Upon II.

10 a.m.—12 noon—Open House at UND Press.

11:30 a.m.—President's and Nursing Dedication Luncheon, University Center Ballroom.

12:15 p.m.—Pregame show, Marine Corps Silent Drill Platoon and Drum and Bugle Unit, Memorial Stadium.

1:30 p.m.—Football game, UND/ NDSU, Memorial Stadium.

4 p.m.—Open House, Fraternities, Sororities and Residence Halls; Class of 1951 Reunion and 1951 Law Reunion, Ramada Inn, Dakota Student/Dacotah Annual Staff Reunion, Ramada Inn.

6:30 p.m.—Kappa Sigma Reunion Banquet, social hour, dinner and dancing, Town House Motor Inn.

7 p.m.-1 a.m.—All-Alumni Party, dinner and dancing, Westward Ho.

7:30 p.m.—Hockey, UND vs. University of Alberta, Winter Sports Center.

9 p.m.—All-campus dance, University Center Ballroom.

Sunday, Oct. 24

Church Services at nearby student congregations.

News Notes/Alumni of the 1950's

Dr. Richard Hicks, '61, a cardiologist, has moved from the University of Pennsylvania Medical Center to work at the Eugene, Ore., Clinic. His wife is the former Judith Anderson, '59.

Dr. John Linfoot, '53, has been appointed a clinical professor in the department of Internal Medicine in the medical school, University of California—Davis. In July he conducted a session on the treatment of acromegaly at the invitation of the International Congress of Endocrinology. He and his wife, Donna (Dahlstrom, ex '51), live in Orinda, Calif.

John P. Ruffen, '59, is living in Santiago, Chile, S.A.

George Huard, '58, has been promoted from acting director of engineering to director of engineering for Ball Brothers Research Corp., Electronics Display Division, Blaine, Minn. He and his wife live in Roseville, Minn.

Col. Don R. Knutson, '56, currently is a computer systems staff officer at Peterson Air Force Base, Colo. He serves with a unit of the Aerospace Defense Command.

Lawrence E. Kruger, '59, recently accepted the position of superintendent of the Hazelton-Moffitt School District, Hazelton, N.D., where he lives.

Dr. Jon Tingelstad, '58, is professor of pediatrics and director of pediatric cardiology at East Carolina University School of Medicine, Greenville, N.D. He lives in Richmond, Va.

Richard Tschider, '59, has been named administrator of St. Alexius Hospital in Bismarck, N.D. He had been associate administrator there since 1974. He lives in Bismarck with his wife and seven children.

Dalhart Eklund, '54, is president of Cogswell College in Pleasant Hill, Calif. He resides in Pleasant Hill, Calif.

John Sorensen, '55, is a senior associate of NUS Corporation, Rockville, Md., which specializes in providing research, engineering and consulting services to nuclear and environment services. He is technical director of NUS' consulting division.

John C. Wells, ex '59, is employed by Western Distributors, Inc. He is continuing his education in forestry by taking cabinet making, lumber secretary and elements of supervision. He makes his home in Eugene, Ore.

Robert T. Shepherd, '58, has been included in the 1976-77 Marquis edition of "Who's Who in the West," a reference work which lists national leaders in government, education, industry, medicine and other categories. He presently is associate dean of instruction at Lassen College in Susanville, Calif., where he resides.

... Sioux Award winners

(Continued from page 1)

Smithsonian Award three times for scientific exhibits of Hawaiian Marine Mollusks.

Burgess has written more than 100 articles for various periodicals and journals, in addition to writing 120 articles about the study and tabulation of marine mollusks for the Hawaiian Shell News.

He is married to the former Grace Tait, '31, and they have two children.

Ruth Noren was student health supervisor at UND for 28 years, from 1941-69. Born in Norsjop, Sweden, Noren attended grade school in North Dakota. She attended Valley City State College for one year, and accumulated two years of college credits from UND.

She graduated from Lincoln Hospital Training School in Aberdeen, S.D., receiving her R.N. degree in 1929.

She is an emeritus fellow of the American College Health Association and is a member of the National Nurses Association and the North Dakota State Nurses Association. A former president of the Red River District Nurses Association, Noren also served as a board member, secretary and treasurer of that organization. She

is presently a member of the Central Valley District Nurses Association.

Before coming to UND, Noren taught at rural schools in Logan and LaMoure counties in North Dakota, and she held nursing positions at Mobridge, S.D. and Edgeley, N.D. During her years at UND, she served as adviser to Inter-varsity Christian Fellowship.

Noren has made several trips to Europe and the Middle East, including one trip to Germany and the Holy Land where she attended the convention of the Officers Christian Union of the U.S. Armed Forces.

She is living in Jamestown, N.D.

Elton Ringsak Sr., '37, was named the United States Handicapped American in 1975. A North Dakota state senator from his hometown of Grafton, Ringsak received the President's Trophy from President Gerald Ford.

The President's Trophy is an annual award presented to a handicapped person who has surmounted his or her own handicap and facilitated employment of other handicapped persons.

Ringsak received his B.S. in commerce-law from UND and now

operates a law practice in Grafton. He is a graduate of UND's Army ROTC program, and he served nine years in the Army.

He suffered brain damage from a head wound he received, one of five wounds he received during World War II. The injury paralyzed his entire right side in addition to leaving him with a form of epilepsy.

A highly decorated World War II veteran, Ringsak holds several Purple Hearts, the Bronze and Silver stars, two Distinguished Service Crosses, the French Croix de Guerre and Italian Military Valor Cross, the Presidential Citation, White Legion of Honor, and four European Theater Operation medals.

A state legislator for 17 years, Ringsak chose not to run for reelection this year. He was also named 1974 Handicapped North Dakotan.

Ringsak and his wife, Ruth (Baker), ex '36, have five children.

Donald C. Robertson graduated from UND in 1958 with a B.S. in business administration. He transferred to the University after a year of study at the University of Saskatchewan.

A native of Saskatchewan, Robertson is now chairman of the

board and chief executive officer of J. Walter Thompson Company Limited in Toronto, Ont.

He joined J. Walter Thompson, the world's largest and oldest advertising agency, in 1965. He was appointed president and chief executive officer of JWT-Canada in 1971 and was named a senior vice president of JWT-New York in 1973. In 1975 Robertson was appointed to his present position.

While a student at UND, Robertson was a member of Kappa Sigma Fraternity, Blue Key and Iron Mask. He is currently a director of and a member of the executive committee of the Institute of Canadian Advertising and he is a past member of the Canadian Advertising Standards Council. He is also a member of Sales and Marketing Executive Club.

Active in Canadian business, government and advertising, Robertson has been a guest speaker for the American Marketing Association, the American Management Association and the University of Western Ontario Annual Business Conference in 1976.

Robertson and his wife, Erika, live in Toronto, Ont., with their two children.

Campus comes alive with record enrollment

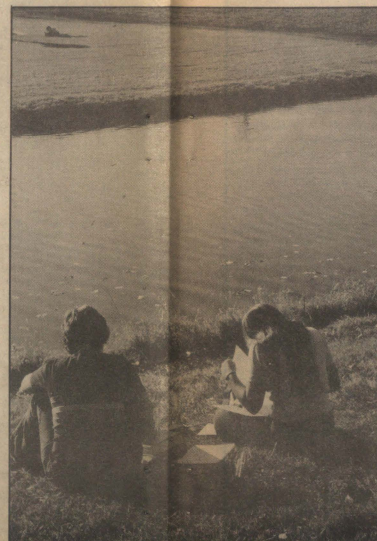
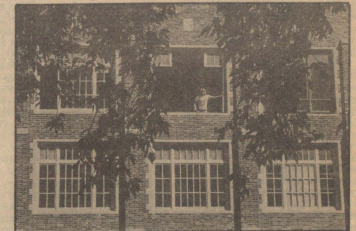
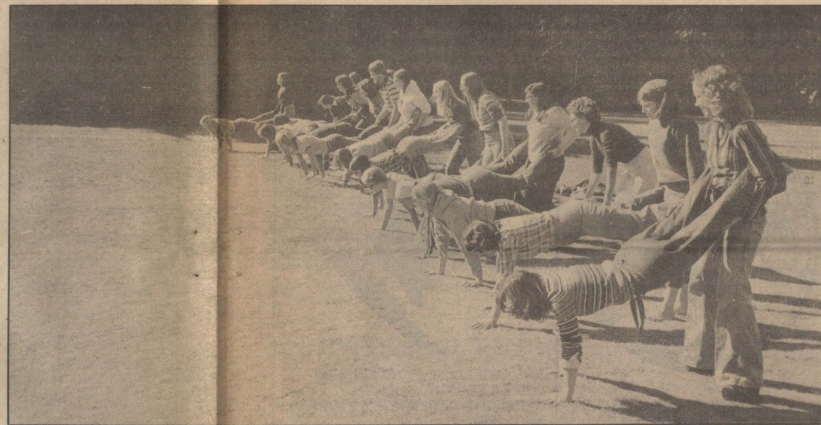


University of North Dakota faculty and staff always look forward to the beginning of fall semester and the return of the student body. Although the final enrollment figure has not been set, UND officials say a new record—perhaps exceeding 9,000—is certain.



These pictures were taken by Office of University Relations photographers during the first few days of the semester. In a clockwise spiral from the upper right: Students pour across University Avenue from Wilkerson Hall to attend early classes; getting moved is always a chore; students head for one of several UND campus religious centers; a workman labors at changing the windows, and the appearance of Merrifield Hall; Dr. William Boehle explains UND's unique College of Fine Arts to a visiting parent; bicycles still are a common sight at UND; students enjoy fleeting autumn days along the English Coulee; a packed stadium cheers for the Sioux football team; pre-med students discuss their grueling course loads; future elementary school physical education teachers utilize a sunny day on the mall to practice the activities they will soon teach their own pupils.

Photos by:
Jeff Green
Dick Larson
Jerry Olson
Dave Vorland



War years brought dislocation, distraction to the University

This is the tenth in a series of Bicentennial articles about the history of the University of North Dakota. The series is based upon Louis Geiger's book, "University of the Northern Plains," and upon information in the files of the University Archives.

By DAVE VORLAND

Higher education in North Dakota appeared on the threshold of a bright new era as the decade of the 1940's began. Particularly promising was the new nonpolitical State Board of Higher Education, created by a vote of the people in 1938.

But hardly had the Board selected its first full-time professional commissioner, Robert Murphy, a UND alumnus, and initiated reforms such as a uniform accounting system (designed by UND's Prof. R. D. Koppenhaver, who retired in 1976 and will be the subject of an up-coming Alumni Review profile) when World War II exploded.

The impact of the war upon enrollment was felt as early as fall, 1940. By 1943 only 775 regular students, mostly women, were enrolled, compared to 1,690 in 1939.

The University quickly became a military camp. Several thousand service men and women passed through training programs that converted them from civilians into glider pilots, combat engineers, communications specialists, and medics.

Some have tried to demonstrate a brighter side to UND's war experience, pointing, for example, to improved morale as the University community forgot the Depression and joined together to fight the common enemy.

But the unvarnished truth is that the war brought mostly dislocation, distraction, and disruption to UND, delaying the solving of serious problems, and putting 172 former students into premature graves.

As the war ended, it became clear the returning veterans would

generate a huge demand for higher education which colleges and universities were not really prepared to handle. One hundred sixty-five veterans enrolled at UND in the 1945-1946 fall semester, and 750 enrolled spring semester. An enrollment of 2,302 was recorded in 1946 (including 1,550 vets) and of 3,077 in 1947, a record that stood until 1955.

Classrooms were incredibly crowded, and housing was critical (even converted coal bins were highly sought). But many faculty look back today upon the late 1940's with nostalgia, since the "GI bill" students were no-nonsense, hard-working men and women who enthusiastically soaked up knowledge. New young faculty members began to be seen, including an ex-tank commander and UND president-to-be who, legend has it, taught his first class dressed in a Marine uniform.

The veterans, historian Geiger points out, were a key factor in the changing character of the student body. Most were older, and quickly broke down the long-standing prejudice against the married student. Needless to say, "Joe College" antics of the 1920's did not appeal to persons who had risked death or disfigurement in an overseas war.

In athletics, Sioux fortunes declined in football and basketball, but interest boomed in an exciting new sport—ice hockey. The University's Canadian players soon made the team a national power.

The UND Alumni Association, after a period of relative inactivity during the Depression days, renewed its good works under the leadership of J. Lloyd Stone. The Development Fund was incorporated in 1946, and a major project was a fund-raising drive for a student union building.

The 1945 Legislature was very cautious in appropriating money to the University, but by 1947 postwar prosperity was in full swing and the lawmakers began to deal with unmet needs of higher education. In addition to funding a series of new buildings, the Legislature made it possible for the University to finance buildings on the basis of self-liquidating bonds. Soon new dormitories and married student housing began to appear.

Altogether, UND's physical plant doubled in size during the decade after the war. John C. West became known as UND's "brick and mortar" president.

According to Geiger, "The extensive building program, along with the rise in enrollment, the new winds of educational doctrine, the substantially enlarged faculty — up to nearly 250 in 1958 — and the greatly expanded financial support, all combined to produce a companion expansion in the curriculum and some marked changes in its content and emphasis, particularly in the areas of science, technology, and vocational or professional training.

Especially significant was the expansion of graduate education, including the designation in 1951 of the graduate division as a school with its own dean. The development of large research programs in medicine, engineering and other areas, Geiger says, also was "one of the most marked features of the postwar University."

John C. West retired from the UND presidency on June 30, 1954, after 21 years of service. "West's had been the longest administration in University history, and perhaps the most trying to the incumbent," Geiger says. "It spanned the Depression, the Second World War, and the era of the G.I."

West had one more valuable service to perform for the University, Geiger notes. That was to use his influence to win a voice for the faculty in the selection of his successor.

NEXT: The early Starcher years.



CROWDED CLASSROOMS were commonplace in the late 1940's as returning veterans came to campus to continue their education with assistance from the GI Bill.

UND Winter Break-aways Open To All Alumni & Friends

**MAZATLAN,
MEXICO**
February 19-26, 1977



UND ALUMNI AND FRIENDS WILL BE RETURNING TO MAZATLAN FOR THE SECOND YEAR IN A ROW!

This time our 8 days and 7 nights in the sun and surf will occur during the exciting Mexican Pre-Lenten festivities. Beautiful Mazatlan combines the charm of old Mexico with warmth, sunshine and the ocean for a perfect mid-winter vacation.

Our low group price of \$399 per person includes round trip air transportation from Grand Forks, seven nights at the El Cid Golf and Country Club (which also has excellent tennis facilities), as well as a special UND Alumni get-acquainted cocktail party, round trip transfers from airport to hotel, and professional tour escort service.

Alumni and friends who have participated in this UND Winter Break-away have had nothing but praise for Mazatlan, the El Cid Country Club, and the great unregimented pace of this vacation!

**CARIBBEAN
CRUISE**
February 5-16, 1977



JOIN UND ALUMNI AND FRIENDS FOR AN EXCITING 11-DAY CARIBBEAN CRUISE FROM FLORIDA ABOARD THE FAIRWIND.

The Caribbean is a vacation paradise. Sun-bathed, duty free ports; beaches that rank among the finest in the world; sumptuous resort Casinos. Our five exciting ports of call will include St. Maarten, St. Thomas, Caracas, Curacao and Aruba.

Our cruise ship Fairwind is a genuine luxury liner. Its Italian crew of 500 is schooled in the Continental tradition of warm, friendly service. Included on board are carpeted air conditioned staterooms, three swimming pools, spacious open decks, two lounges with live music, and more. Fares start at a low \$930 per person, double occupancy from Port Everglades. A special package is available which offers substantial savings on air transportation to Florida via scheduled airlines.

This winter try a new and totally different experience on our UND Cruise. One that you'll remember far beyond an ordinary vacation.

We expect these tours will fill up fast, so send in this information request form today! Reservations will be accepted on a "first come" basis (single accommodations are available on all tours).

UND ALUMNI TOURS
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Art gallery on wheels portrays Indian culture

By DICK LARSON

Visitors on campus looking for the University of North Dakota's new art gallery won't be likely to find it, and that's just what its director, Laurel Reuter, planned.

The reason is that this new gallery is one with wheels, and it is now making its inaugural tour with a significant exhibition of contemporary art, "Indian Images."

The exhibit is touring 50 communities in five states and features nearly 70 works by 36 prominent artists.

Housed in a 12-foot by 81-foot trailer, the mobile gallery is the result of a project Reuter has been working on for several years.

"In a region as rural and open as this one, it seemed to be a very sensible way to show art and to make it more available to people," she said.

Smaller communities, she said, often lack the resources to put

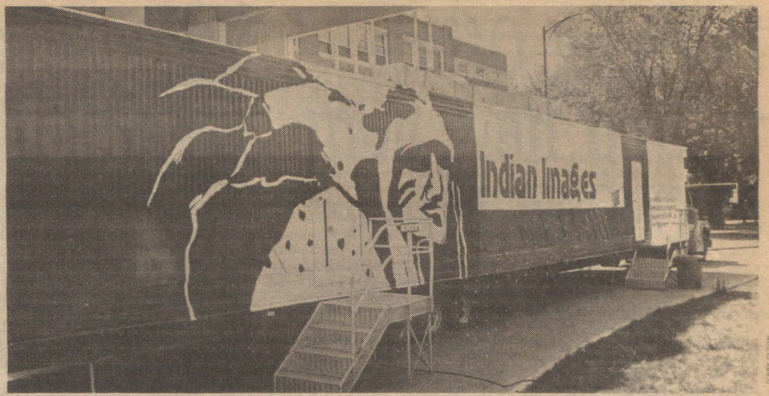
together exhibitions, and long distances discourage many people from traveling to exhibits in larger cities.

A logical answer was to bring art to the people, Reuter said. She added that the concept was especially appropriate for serving school children and older people.

The University purchased the trailer in late 1975 from Montana-Dakota Utilities for the bargain price of \$7,500. It was then extensively remodeled for this particular show.

Carpeted throughout and air-conditioned, the gallery features a winding corridor with numerous glass-enclosed showcases for displaying smaller objects. Mirror-paneled ceilings in parts of the trailer add a feeling of spaciousness.

The show, "Indian Images," and the mobile gallery made their debut this summer in Devils Lake



THIS 12-FOOT BY 81-FOOT TRAILER HOUSES THE UND MOBILE ART GALLERY AND IS CURRENTLY TOURING 50 COMMUNITIES IN FIVE STATES.

for the Chautauqua '76 celebration.

"It seems appropriate to have this exhibit originate in this part of the country, where the Indian heritage is strong," Reuter said. She noted that the exhibit has a generally supportive but honest portrayal of American Indians.

The show, she said, represents the coming together of both art themes and cultures.

"Within the last decade," Reuter said, "American Indian art has begun to amalgamate with contemporary art. Through these works, both Indian and non-Indian artists are responding to American Indian subject matter, philosophy, materials and images."

Included in the exhibit are paintings, drawings, prints, sculptures, ceramics and fiber. The themes expressed range from humorous to realistic and cynical. Many pieces deal with serious issues and problems within the Indian community, particularly alcoholism.

The show, Reuter said, is a distinctive one that points out the extent to which Indian culture is a part of our aesthetic inheritance.

Complementing the show is a distinctive driver-curator, Jo Keeling. Trained in karate in Korea, she returned from San Francisco, Calif., to Grand Forks to participate in this project. Keeling attended a truck driving course in East Grand Forks, Minn., and received a perfect

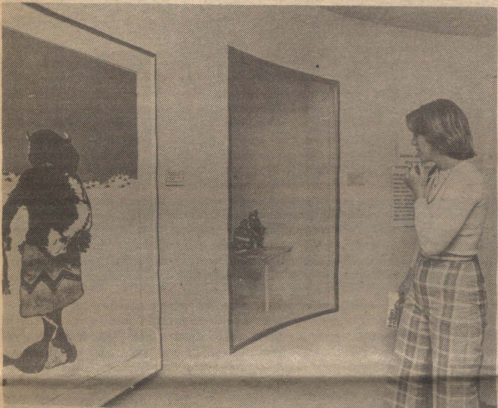
score on her final test while earning her Class I driving permit.

Assisting Keeling with driving and management duties is David Pence.

The "Indian Images" exhibit is a project of the UND art galleries and is supported by the Affiliated

States Arts Agencies of the Upper Midwest, which includes the arts councils of the five states being toured.

Funding was provided by the National Endowment for the Arts. The five-state tour was organized by Isla Ederstrom of Grand Forks.



PRINTS, PAINTINGS, drawings, ceramics and sculpture are included in the "Indian Images" exhibit.



THE TRAILER IS CARPETED THROUGHOUT AND AIR-CONDITIONED, AND GLASS-ENCLOSED SHOWCASES WERE INSTALLED FOR DISPLAYING SMALL OBJECTS.

Homecoming to feature Marine units

One of the feature attractions of the Homecoming 1976 festivities will be performances by the United States Marine Corps Color Guard, Drum and Bugle Corps and Silent Drill Platoon.

A popular tourist attraction headquartered in Washington, D.C., this will be the units' first performances in the state of North Dakota.

The units will perform at 9:30 a.m., Saturday, Oct. 23, at the pregame show at 12:15 p.m. and during half-time activities of the UND/NDSU football game. All performances will be in Memorial Stadium.

High school bands and their directors will be special guests at the 9:30 concert. The performance is free and open to the general public.

The Drum and Bugle Corps, formed in 1934 to augment the United States Marine Band, has become nationally famous for its intricate marching and outstanding musical capabilities. The Corps is comprised of 50 Marines.

The bugle instrumentation includes soprano, bass baritone, contrabass baritone, mellophone and French horns. The drum section includes bass, tenor, tenor tympani, snare drums and cymbals—all of which provide the rousing military cadence. The snare and tenor drums are adorned with special trappings, adding to the colorful appearance of the group on the march.

Always in great demand, the Marine Drum and Bugle Corps has performed at a variety of civil affairs, historical celebrations, sports events, reunions and other local, national and international events and ceremonies. Members rehearse and drill extensively to maintain the precision and musical excellence which has won them wide acclaim.

The Silent Drill Platoon, comprised of 24 Marines, maintains the year-round capability of performing a 10-minute precision drill entirely without verbal command. A unique feature of this drill is the rifle "inspections" in which the inspector, standing six feet from the line of armed troops, executes a series of spectacular spins and tosses of the 10-pound M-1 rifle.

A new man normally obtains a working knowledge of the drill routine in 12 hours of instruction. After that, it requires approximately 25 hours practice per week, for two to three months, to reach the desired level of proficiency.

The Silent Drill Team represents the Marine Corps in Joint Armed Forces "full honors" ceremonies for visiting dignitaries of State, often appearing at the White House in this capacity. The unit has performed on television, across the nation and overseas, often in conjunction with the

Corps Color Guard and the U.S. Marine Drum and Bugle Corps.

The Battle Color Ceremony features the Drum and Bugle Corps, the Silent Drill Platoon and the Marine Corps Color Guard. It opens with a march on by the units and a 15-minute drill and concert exhibition by the Drum and Bugle Corps—playing both martial and popular music.

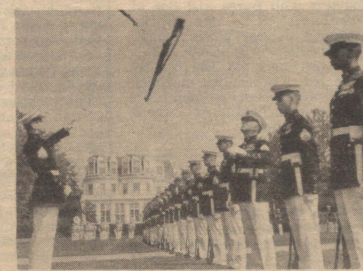
The Silent Drill Platoon then takes the spotlight with a 10-minute drill routine during which no commands are given. After completion of the drill, the Color Guard marches on the field bearing the National Color and the famed Marine Corps Battle Color with its multicolored streamers.

Following presentation of the Colors, the units pass in review to the Marines' Hymn to conclude the ceremony.

The Battle Color Ceremony has been performed in such places as the New York Worlds Fair, the Houston Astrodome, the Gator Bowl and the Cotton Bowl.

In addition to the performances by the Marine units, there will be a Marine Hospitality Party at 9:30 p.m. Friday, Oct. 22, at the Westward Ho Motel.

The party is being given by retired and former Marines in honor of the visiting Drum and Bugle Corps, Silent Drill Platoon and Color Guard. Bob Bustin of WDAZ-TV in Grand Forks and Hugh Ivie, Master Sgt., retired, and UND safety coordinator, are coordinating the event.



THE SILENT DRILL PLATOON IS ONE OF THREE MARINE UNITS TO BE ON HAND FOR HOMECOMING FESTIVITIES. THE PLATOON WILL BE PERFORMING WITH THE DRUM AND BUGLE CORPS AND THE MARINE CORPS COLOR GUARD.

News Notes / Alumni of the 1970's

Kathleen Uvaas (Schadewald, '73), following further study in France, now is teaching French at Fergus Falls, Minn., Junior High School.

Stephen Thorson, '71, is employed by Forbes Health Systems as a fund raiser in Pittsburgh, Pa.

Sally Bosh (Swenson, '73), is a general accounting supervisor for Steiger Tractor in Fargo, N.D. Her husband, Timothy, '73, is a truck inspector for the truck regulatory division of the North Dakota Highway Department.

Kenneth Toso, '74, is nursing supervisor of psychiatric nurses for the Minnesota Department of Public Welfare. He has been employed by that Minnesota department for 21 years. He resides in Fergus Falls, Minn.

Ronald M. Smith, '74, is an air traffic controller for the U.S. Air Force. He makes his home in Rapid City, S.D.

Steven Morris, ex '73, recently was accepted at Columbia University for a doctoral program in educational administration. He has been employed as a teacher with the Roslyn, N.Y., school district.

Cheryl-Lee Nixon (Jodoin, '76) is a social worker in Blaine, Wash.

Lt. Gregory Westrum, '73, is an adjutant for the U.S. Army Security Agency School at Ft. Devens, Mass., where he resides.

Paul D. Johnson, '71, is a comptroller for the Alaska Air National Guard. He lives in Anchorage.

Bryan Laub, '74, presently is a medical technologist for Southern Nevada Memorial Hospital. He lives in Las Vegas, Nev.

Elizabeth Keplin (Allery, '73) teaches in the elementary reading lab at Turtle Mountain Community School, Belcourt, N.D.

Steven Marti, '73, is attending graduate school at Fort Hays Kansas State College in Hays, Kan., while acting as assistant athletic trainer there.

David Hinrichs, '72, recently received his masters degree in business administration from Lehigh University in Bethlehem, Pa. He lives in Allentown, Pa.

Linda Sucher (King, '72), is living in Carlisle, Mass., and teaching music in the Bedford, Mass., school system.

Robert Lütke, '70, is production manager of Wenco Inc., located in Grinnell, Iowa, where he makes his home.

Karen Trentzsch (Noper, '72), is teaching home economics in Kremmling, Colo. Her husband is a forester for the Bureau of Land Management.

James Orth, '70, was recently promoted to supervising engineer of exploration for the Iron Ore Co., Canada, at its Knob Lake Iron Range Operation in northern Quebec at Labrador. His wife, Nuala (Grant, ex '67), is assistant to the producer, FYI television station, London, Ont. A recent broadcast journalist graduate of Fanshawe College in London, she received the 1976 Broadcaster of the Year award.

Capt. Gary Weber, '71, serving with the U.S. Air Force at Minot AFB, N.D., is chief, procurement division, assigned to the 91st strategic missile wing.

Monica O'Hara (Loeffler, ex '71) is recruiting for the U.S. Navy in Fargo, N.D., where she lives.

Russell Kraus, '70, now is the engineering technician and space analyst for the U.S. Air Force accounting and finance center in Denver, Colo. His wife, Diane (Pavek, '68) is a social worker with Mt. Airy Psychiatric Center in Denver.

Lorn Letnes, '70, has been promoted to supervisor of the University of Minnesota Hospital office of the State Capitol Credit Union. He joined the staff in 1972 as a loan interviewer. Letnes lives in Minneapolis, Minn.

Housing Office to find new home in Oxford House

Plans are underway to restore Oxford House, the former residence of four University presidents, the one-time home of the art department, and a former dormitory, according to Gordon Kroeber, assistant to the President for facilities.

Bonnie Sobolik, Alumni Association development fund coordinator and restoration committee member, said exterior work on the home will hopefully start this fall.

Built at a cost of \$25,000 some 74 years ago, estimated restoration costs are about \$275,000, excluding the furnishings, Sobolik said. The University has already received a \$53,000 federal grant from the National Park Service, and \$50,000 in private donations from the Myra Foundation and the Thomas D. Campbell Family Foundation.

The Campbell Family Foundation has a particular interest in the restoration project because Oxford House was built for Campbell's mother-in-law, Mrs. Elizabeth Bull, when she married Webster Merrifield. Thomas D. Campbell Jr. was the first graduate of the College of Engineering in 1903.

Kroeber said an additional

\$93,982 has been requested from the National Park Service. Sobolik said the restoration committee is "hoping for more private funding" to complete the project.

Oxford House was built in 1902 to house UND President Webster Merrifield; it later housed Frank McVey, Thomas Kane and John West.

Designed by Joseph Bell DeRemer, the architect who designed the North Dakota State Capitol, Oxford House was the first home in Grand Forks to be wired for electricity. It included such conveniences as a dumb-waiter, speaking tubes and three bathrooms.

Kroeber said it was assumed that Oxford House would be razed after the completion of Gamble Hall in 1968. In 1972, the Oxford House Restoration Committee, formed by President Thomas Clifford, applied to have the building placed on the National Register of Historic Places.

Word was received of its entry on the National Register in May, 1973, and the building became eligible for matching funds from the National Park Service. But the fate of the building was still in limbo.



Oxford House, the former home of four university presidents, will be refurbished beginning this fall if plans are approved in time by the National Park Service.

In March, 1976, information regarding preservation through documentation was requested from the National Park Service, but in May of this year, Clifford announced that the University would restore Oxford House. Present plans include using part of Oxford House for the Housing office.

Royce Yeater, an architect with Foss Engstad Foss & Fargo, is the architect for the project. He received his master's degree from the University of Virginia, with his thesis being on Oxford House.

Sobolik said exterior work on the house should begin this fall, as soon as plans and specifications are approved by the National Park Service. Kroeber said the Service must approve the work before it is done, or the building will no longer be eligible for matching funds.

In his thesis, Yeater recommended the intent of restoration should be "to re-establish the house, as accurately as possible, to its earliest condition."

Plans call for the second floor of Oxford to be used for the Housing

offices. Sobolik said a small elevator would be installed so handicapped students would have easy access to the second floor.

The first floor will be restored in "period furniture," Sobolik said, and would be used for entertaining small groups. She estimated costs of furnishings for the house at \$30,000.

Sobolik said tentative plans call for completion of Oxford House restoration by the fall of 1977, but the work is subject to funding and approval of plans.

News Notes

Dewey J. Bushaw, '51, and his wife, Patricia (Knox, '51), currently reside in Houston, Tex.

Gordon Gronhoved, '50, energy research and development director, recently spoke at a research conference in Varna, Bulgaria, at the request of the United Nations. Following his lecture, he visited several coal producing areas enroute to France where his family was visiting. His home is in Grand Forks, N.D.

Robert Gilmour, '50, was named assistant to the publisher in charge of a new public affairs department at the "Grand Forks, N.D., Herald. He had been editor of the "Herald" since 1971.

Donald Bruce Beard, '56, '62, is the author of a book entitled "Dakota Love Story," a novel set in a small Dakota town a quarter of a century ago. He is a resident of Redlands, Calif.

Marvin Myhre, '60, is branch manager for Modular Computer Systems in Denver, Colo. His wife, Loydine (Gullickson, '61), teaches third and fourth grades in the Cherry Creek School System. They reside in Englewood, Colo.

David Morman, '67, is corporate controller for the Farmers Union Marketing and Processing Association in Redwood Falls, Minn. His wife Yvonne, (Vandal, '69), is a school psychologist for Crow River Study Cooperative in Hutchinson, Minn. They make their home in Franklin, Minn.

Gordon Sellar, '60, is employed as the quality program manager for the semiscale program of Aerojet Nuclear Company. His work involves testing of nuclear reactor safety. He lives in Idaho Falls, Idaho.

Richard Seibert, '68, has been promoted to senior nuclear engineer with Burns and Roe of Woodbury, N.Y. He works designing nuclear power plants. Seibert resides in Bethpage, N.Y.

Wayne Knock, '68, was recently promoted to accounting manager for Tesoro Alaskan Petroleum Corporation in Anchorage, Ala., where he makes his home.

Sigma Chi to reorganize

The Beta Zeta Chapter of Sigma Chi will meet at 10 a.m. Saturday, Oct. 23, at the chapter house, in an effort to reorganize the Alumni Chapter. Social activities, including a banquet, are planned. For more information, contact Jack Moore at the chapter house.

Remember when . . .

October 1926—After much discussion and controversy, members of the band were able to attend the annual North Dakota University-University of Minnesota football game in Minneapolis. Those attending were: Merritt Welsh, Wallace Butle, Harold Bangert, Myer Nelson, Earl Olson, R. Aule, Julius Schmidt, Myron Towne, Harry Turner, Carler Troyer, William Vandersluis, Clifton Warcup, Paul Yoder, Zeller, Albert Jacobson, Thomas McGee, Thompson, John McKechnie, Jerald Knudson, Robert Lowe, Glen Sanberg, Jimmie McGurran, Ashley Westin, Benjamin Cecka, Kermot and William Clark.

October 1926—Research by 10 medical students was given recognition in the American Medical Journal, and a complete report was to appear in the American Physiological Journal. Participating students were Seymour H. Silvers, Raymond E. Tyvand, Frank M. Kilgard, David Katsuki, Sanford Katsuki, Clifford Haugen, Issac Rosenberg, Harold Haugen, William Johnson and Arthur K. Saiki.

October 1936—Beta Alpha Psi, honorary accounting fraternity, announced the election of eight new members: Frank Peterson, Dale Peterson, Earl Peterson, John Smith, Fred Nelson, Glenn McDaniel, George Kolberg and Clifford Durand.

October 1936—Women's Glee Club officers were Virginia Reed, president; Jeannette Norris, vice president; Alice March, secretary-treasurer and Ruth Rand, librarian. Other members were Leonita Flag, Alice Forker, Ruth Fursteneau, Frances Lynch, Jeannette Morgan, Evelyn Nebish, Violet Peterson, Dora Austfjord, Phyllis Dietrich, Luella Harding, Eloise Johnson, Dolores Keogh, Lillian Lundling, Margaret McLaughlin, Lorraine McLaughlin, Betty Jane Swendiman, Ruth Kyle, Ruth Aamodt, Marion Albertson, Lila Green, Evelyn Johnson, Evelyn Olson, Phoebe Quist, Ruth Sware, Mary Vorholt, Ardith Halseth, Beth Hartman, Jean McKibbin and Margaret Wilson.

October 1946—YMCA officers were Don Newhouse, president; Al Hackenberg, recording secretary; Paul Bjugstad, execu-

tive secretary and Walter Babitske, treasurer.

October 1946—Dacotah Annual editors included Dorothy Swenson, editor; Kenneth Tvedten, business manager; Kenneth Carey, associate editor; Ann Pierce, production editor; Elsie Ann Brown, picture editor; Merry Cooley, copy editor, and Judith Ree, associate copy editor.

October 1946—Eight law students were inducted into the newly re-activated Phi Alpha Delta professional law fraternity. They were J. Gordon Caldis, justice; Robert E. Dahl, vice justice; Milton P. Mandt, secretary; John C. Smith, treasurer; Donald H. Jorgenson, marshal, and James A. Nordine, Albert C. Bakken and Jerome F. Riley.

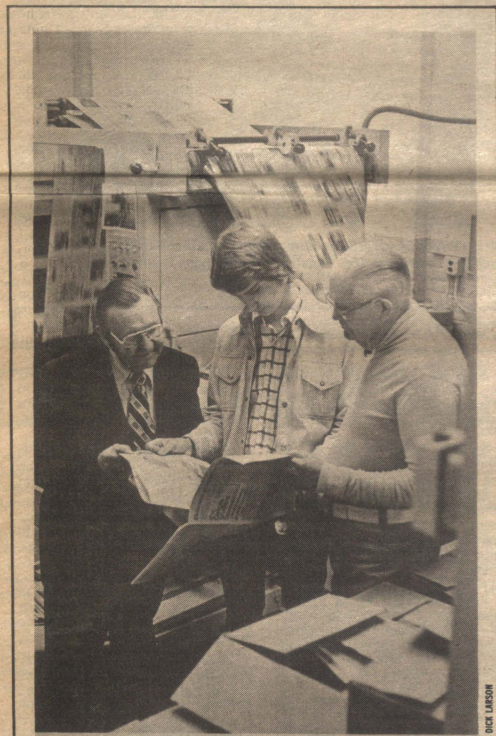
October 1956—Winston Register was elected president of the Army ROTC Cadet Officers Club. Other officers included Jim Zavoral, vice president; Glen Muir, treasurer and Larry Spears, secretary.

October 1956—UND Madrigal officers included Tracey Thompson, president; David Rolzinski, vice president; Sharon Lang, secretary; Pauline Serumgard, treasurer; Gail Baden and Edwin Leiby, librarians and Maxine Allen and Arlene Hensrud, wardrobe.

October 1956—Led by quarterback Lynn Parkel and leading rusher Teddy Camrud, the UND Sioux defeated the NDSU Bison 14-7 at the 1956 Homecoming game.

October 1966—UND's pep organization Golden Feather initiated new members Tom Satrom and Steve Kelly, Phi Delta Theta; Mike Archibald, DU; Rick Besse, Theta Chi; Louis Thompson, Ken Howe and Bruce Lindsay, ATO; Jim Hovland, Steve Holter and Rick Brown, Sigma Chi; Rick Kelleher, Sigma Nu; Garry Moody, Kappa Sigma, and Paul Pederson, SAE.

October 1966—Homecoming queen candidates were Yvonne Demers, Linda Thoreson, Margaret Everson, Sharril Ujka, Mary Lawrence, Beverly Lohs, Bunny Carlson, Andrea Koons, Dianne Baumann, Joyanne Morris, Kathrine Wismer and Doris Costello. Doris was elected Homecoming queen.



Preparing for reunion

AL AUSTIN, UND professor of Journalism, J. Robert Hagerty, Dakota Student editor, and Joe Hughes, former "Student" adviser and retired manager of the University press, look over a hot-off-the-press copy of the "Student." Hughes and Austin, '31, are busy preparing for the Dakota Student/Dacotah Annual staff reunion at 4 p.m., Oct. 23 at the Ramada Inn. The reunion is one of many planned for Homecoming weekend. Chuck Johnson, '48, assistant news editor of the Milwaukee (Wis.) Journal is the reunion committee chairman. Other committee members are Austin, Hughes, Larry Aasen, '47, executive secretary of the Better Vision Institute, New York, N.Y.; Wayne Lubenow, ex-'50, a free-lance columnist working out of Fargo, N.D.; Vern Keel, '63, chairman of the UND journalism department; Chuck Vorland, '65, UND director of university relations; Chuck Haga, '76, part-time UND journalism instructor, and Steve Aakre, '75, reporter for the Forum, Fargo, N.D. An open house at the University Press has also been scheduled from 10 a.m. to noon, Oct. 23.

Bill Koenker

Teacher, scholar, public servant retires

By DAVE VORLAND

The story is told that shortly before Dr. William E. Koenker's retirement this past summer as vice president for academic affairs, a group of colleagues decided to show their appreciation by presenting a gift that could be used in his new-found leisure time.

It is probably a mark of the man, however, that except for the rather unworkable idea of a saddle horse, no one could think of an appropriate, frivolous gift. The group finally settled upon an electronic calculator.

Bill Koenker, in short, left UND with the reputation of being the epitome of the dedicated University teacher, scholar, and public servant. None but his close friends could imagine Koenker doing anything except difficult and meaningful work. Bill and wife Winnifred's decision to make their new home in stimulating Washington, D.C., rather than in one of the more hospitable, retirement-oriented regions of the country, surprised few in the UND community.

"The University has had some great professors, and it has had some far-sighted and inspired academic leaders," commented President Thomas J. Clifford. "Dr. Koenker is among those few who will be remembered for their



significant contributions both as teacher and as administrator."

In a recent interview with Alumni Review, Koenker reminisced that it was Dean Ezra Towne of the then-School of Commerce who contacted him at the end of World War II with the offer of a teaching job in the UND economics department.

Then in his early 30's, Koenker was just finishing 42 months as an Army infantry instructor. A native of Regent, N.D., he also had completed two college degrees, including an M.A. from UND in 1938; had made substantial progress on his Ph.D. at Ohio State; and had spent seven years as a teacher and principal in several North Dakota high schools.

So Koenker joined the UND staff as an instructor in 1946. Except for three brief leaves of absence to, among other things, serve as U.S. Foreign Service economist in Iraq, his energies were thereafter devoted to the interests of the University and to the state of North Dakota.

"It was a time when many of the students, particularly in the first three or four years, were persons who had just come out of service and were desperately anxious to make maximum use of their time," Koenker said. "You felt an obligation as an instructor to do your level best to assist them."

Bill also found time to complete his doctorate and to move through the academic ranks—associate professor in 1949, chairman of the department in 1952, full professor in 1954.

The second phase of Koenker's UND tenure ran from 1955 to 1962 when he became increasingly interested and concerned with research aimed at helping solve some of the problems being confronted in the state.

His initial monograph dealt with state banking trends. Then he began a series of often controversial studies for the North Dakota Legislative Committee on such topics as highway user cost allocation. While still maintaining a heavy teaching load (he received a distinguished teaching award in 1958), Koenker directed the expanded activities of UND's Bureau of Business and Economic Research.

At the time, North Dakota was wrestling with politically explosive problems such as tax equity, and even objective researchers such as Koenker and his associates often felt the sting of partisan criticism and pressure.

"This kind of research is an important function of a University," Koenker said. "Faculty should not shy away from controversy, but rather should be encouraged to throw some light on state problems."

In 1962 the University was in the midst of another period of growth

where he could be of most assistance in furthering the academic function of the University. "And so," Koenker noted, "with rather some trepidation, I sort of 'moved in'."

The new vice president's scholarly reputation and demonstrated organizational abilities (he had, for example, just completed a term as president of the UND chapter of the American Association of University Professors and as chairman of the Faculty Senate) minimized his transitional frictions.

He soon found that a vice president's job consisted of duties both large and small. On the one hand, the VP provides broad overall direction; on the other hand he must make hard decisions on specific matters that affect individual students and faculty.

President Clifford, at the time both a dean and a vice president for finance, remembers that UND faculty and administrators soon realized Koenker had the ability to handle vast amounts of detail and still have time to provide a new direction to the University's academic administration.

Three major areas were of immediate concern, Koenker said, and he consumed much of his attention over the 14 years of his vice presidency.

The first concern, he said, was the strengthening of faculty to enable the University to meet its obligation as the state's leading, multipurpose institution of higher education. This meant in part, he said, improving and maintaining compensation levels to enable UND to retain its best professors, and to recruit nationally for its share of the bright, young minds entering college teaching.

A related concern in which considerable progress also has been made, he said, involves a better system of evaluation and of rewards and recognition for faculty performance. At a University, Koenker maintains, salary and rank adjustments must be based upon effective teaching and significant research, and not upon such factors as longevity or "good cooperation with administration." A third concern during his years as vice president was the selection of well qualified persons to replace the large number of retiring deans and other academic administrators. All but two of UND's 11 academic deans were named during Koenker's tenure, as were most of the present departmental chairmen.

"I believe an administrator can make his best impact upon an institution by the quality of people he helps select for responsible posts," he said. "The department chairman in particular has become the 'cutting edge' of the administration of higher education."

And what of the future?

Most immediately, the Koenkers will maintain their household at Parkside Plaza Apt. 1812, 9039 Shigo Creek Parkway, Silver Spring, MD 20901. Bill is becoming involved again in problem-oriented research and consultation, this time in the nation's capitol. And, although his UND colleagues may not believe it, Bill and Winnifred are occasionally relaxing.



News Notes / Alumni of the 1960's

John Schmiek, '69, has been named deputy city auditor for the city of Grand Forks, N.D. He has been an accountant with the auditor's department since October 1971.

Dr. David Woeste, '68, '70, joined the River Falls Medical Clinic, River Falls, Wis., after a residency in family practice at Bethesda Lutheran Hospital in St. Paul, Minn.

Norman H. Cruse, '60, was appointed executive vice president of the Chamber of Commerce in Detroit Lakes, Minn., where he lives. Prior to joining the Chamber, he was employed as an economic development specialist with the Detroit Lakes-Becker County Industrial Development Corporation.

Richard S. Becker, '64, and his wife, Joanne (Swanson), '64, recently moved from Minneapolis, Minn., to Toronto, Ont., as a result of his promotion to national cybernet manager, Control Data Canada, Ltd.

Noel Olson, '61, a veteran coach in Minnesota basketball circles, has been appointed men's athletic director at St. Cloud State University in Minnesota.

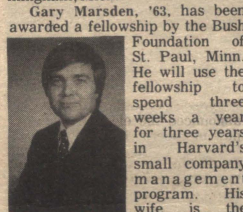


M. Joy Platt, (Gilbert), '68) is employed by the River Dale Hospital, Toronto, Ont., as a speech pathologist. She is also taking courses in neuroanatomy.

Dorothy Custer (Tack), '61) is the director of the White County

Social Services Department in Monticello, Ind., where she makes her home.

Ray A. Dickie, '61, is a staff scientist with Ford Motor Co., Dearborn, Mich. He resides in Birmingham, Mich.



Gary Marsden, '63, has been awarded a fellowship by the Bush Foundation of St. Paul, Minn. He will use the fellowship to spend three weeks a year for three years in Harvard's small company management program. His wife is the former Jane Georgesen, '64.

David A. Bjork, ex '65, is working on his Ph.D. in musicology at the University of California—Berkeley. He resides in San Francisco, Calif.

Daryl L. Anderson, '62, and his wife, Diane (Stenehem), '61, are spending two years in Sao Paulo, Brazil, for Dow Chemical Co. Anderson is business development manager for chemicals and metals in Brazil.

Erik Williamson, '67, has been admitted as a candidate for the master of theology at Luther Theological Seminary in St. Paul, Minn., where he recently received his Master of Divinity. He is studying Norwegian-American Lutheran Church History.



Three distinct phases can be perceived in his UND career, Koenker said.

The first phase, lasting from 1946 to about 1955, involved an almost total immersion in classroom teaching. The University was coping with a sudden enrollment boom for which it was unprepared both in terms of faculty and physical plant. Classes were large, and professors were called upon to teach extra courses.

News Notes

Dieter K. Schulz, '67, is the marketing manager for Reynolds Cigarette Corporations and resides in Geneva, Switzerland.

Mark Rosenfield, '68, is manager of the French operations of K-Tel International. He lives in Paris, France.

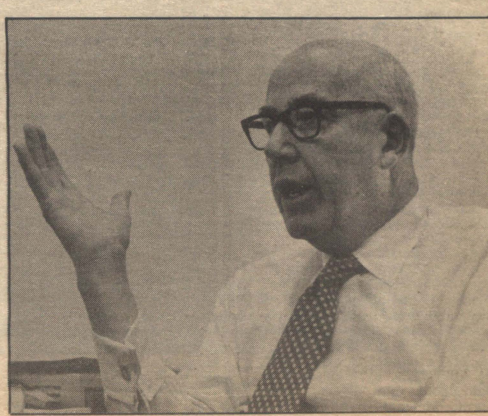
Robert MacLeod, ex '68, is employed at North American Rockwell in Hermosa Beach, Calif., where he resides.

Dr. Allan C. Hoekzema, '63, is a self-employed orthopedic surgeon in Grand Rapids, Mich., where he makes his home.

Richard Ouradnik, '69, is the manager of the new Dickinson, N.D. office of Metropolitan Federal Savings and Loan Association which just opened this September. His wife is the former Jeri E. Lee, ex '65.

which would double its enrollment in a decade. Koenker accepted the new post of vice president for academic affairs, becoming President Starcher's and then President Clifford's chief adviser in academic matters, with major responsibility for University curricula, academic policies, and faculty appointments.

Koenker said President Starcher refused to provide him with a detailed job description, instructing him instead to decide



News Notes / Alumni of the 1900's-60's

Rudolph H. Points, '04, is retiring from all business, including his law practice, at the age of 96. He resides in Crosby, N.D., where he has worked for many years.

Frank Turcotte, '08, still is practicing law at the age of 89 with no intention of retiring. His office is located in Gardena, Calif., where he makes his home.

Marguerite C. Moe, '17, recently moved from her home in Buffalo, Wyo., to Thermopolis, Wyo. She lived in Buffalo for 47 years, 39 of which she taught junior high school studies, but is enjoying her new home.

Dr. J. Squires, '25, is the recipient of the Charles Holmes Petree Memorial Medal, awarded by the University of New Hampshire for outstanding service to the state, nation or world. Dr. Squires and his wife Catherine (Tuttle, '23) reside in New London, Conn.

Adeline South (Stoughton, '28) has been named secretary of the North Dakota Club in Sun City, Ariz., where she remains active in many community projects.

Clifton M. Strandy, '25, presently operates the Health Food Centers in St. Paul and Minneapolis, Minn. He lives in St. Paul.

Lloyd Jones, '27, now retired, is spending his summers in Iowa City, Iowa, and winters in San Diego, Calif.

Lily Hollinshead (Hoard, '22) is a 1964 graduate from the University of Oregon. Her career includes teaching in several schools as well as other occupations. She makes her home in Bend, Ore.

Ruth Hastings (Eastman, '31) recently retired as area chairman of volunteers for the American National Red Cross, eastern area. She will continue to serve as special consultant to the area manager. She and her husband, Kester, make their home in Alexandria, Va.

E. Maine Shafer, ex '36, a member of the Fargo, N.D., Planning Commission for 10 years, has been appointed to the Fargo-Moorhead, Minn., Metropolitan Council of Governments. His wife is the former Geraldine Gibbens, '36.

Jack Thornton, '34, recently retired from his position as engineering director for the Phillips Exploration and Production Midcontinent Region. He had been with Phillips Petroleum Company for 42 years. Thornton and his wife Evelyn (Husband, '37) reside in Oklahoma City, Okla.

Mary Peterson (Woolridge, '37) retired from her elementary teaching position after 16 years with the Richfield, Minn., school system. She and her husband, a retired F.B.I. agent, have moved to their home on Lake Ida near Alexandria, Minn.

Marvin Dehn, '37, recently retired as supervising sanitarian of the city of Grand Forks, N.D., Health Department. He lives in Grand Forks.

Emily Wolff (Doak, ex '35) is now employed with the Manhattan Community College Library. She resides in Jamaica, N.Y.

Harald V. Johnson, '34, has been listed in the 15th edition, 1976-77, of "Who's Who in the West". He makes his home in Gig Harbor, Wash.

Harold M. Hagar, '35, first judicial district judge in Grand

Forks, N.D., has filed for reelection to a third six-year term. He recently attended the Five-State Judicial Conference, a group of Supreme and District Court judges, at Couer d'Alene, Idaho. His wife is the former Harriet Hellerud, '34.

Andrew Sjoquist, '38, is retired after 32 years of teaching economics and business administration at Itasca Community College. He lives in Coleraine, Minn.

Paul B. Kannowski, '49, is director of the Institute for Ecological Studies and professor of biology at the University of North Dakota. His wife, Phyllis (Mosher, ex '60) has served as the 1975-76 North Dakota state president of the PEO Sisterhood.

Dr. Frederick Schultz, '42, is one of 150 scientists invited to participate in a conference on physics courses for non-physics majors, sponsored by the International Commission on Physics Education at the Massachusetts Institute of Technology. He is chairman of the physics department at the University of Wisconsin in Eau Claire, where he makes his home.

Mario Shide (Loomis, ex '48) has been elected the first vice president of the General Federation of Women's Clubs at a convention held in Philadelphia, Pa. She and her husband, Don, '49, make their home in Larimore, N.D.

Wesley Westrum, '48, has been associate professor of music education for Eastern Washington State College, department of music, since 1961. He lives in Cheney, Wash.

L. Elizabeth Eberhardt (Lawson, '45) is an English teacher at Hibbing, Minn., High School, where she lives with her husband and three children.

William DeVall, '47, recently retired from his position as training director, after 25 years with the Montana-Dakota Utilities Co. He makes his home in Bismarck, N.D.

Dr. John Hulteng, '44, has published his third book, titled "The Messenger's Motives." He lives in Eugene, Ore.

Rayland Wilson, '49, has been appointed president of Douglas

Dunhill, Inc., marketing services subsidiary of Cordura Corporation. He lives in Coral Springs, Fla.

Dr. Paul Flaten, '58, has been elected chief of the North Broward Medical Staff for 1976-77. Flaten, who specializes in neurology, is a member of the National Board of Neurologists and is in private practice in Ft. Lauderdale, Fla. His home is in Lighthouse Point, Fla.

Jon Gant, '53, has been decorated by the government of Ecuador in recognition of his "outstanding service to national education and technical contributions to the Ministry of Education." He has lived in Quito, Ecuador, for six years as an education and human resources development officer with the Agency for International Development, a division of the U.S. State Department.

James R. Carrigan, '53, recently was appointed to the Colorado Supreme Court for a 10-year term. He has practiced law in Boulder and Denver, Colo., and in Williston, N.D.

Jerry A. Pope, '68, is the geological engineer for Amoco Production Co., Denver, Colo., and works in the Prorations Department. He lives in Lakewood, Colo., with his wife, Kathryn (Bodmer, '67), and children.

Veal Nelson, '61, is administrator of Ely-Bloomerson Community Hospital and Nursing Home in Ely, Minn. He is a past training NCO for the Air Force ROTC detachment at UND.

Roger Highland, '65, is employed as a fiscal administrator at St. Charles Medical Center in Bend, Ore., where he lives.

Doug McLeod, '63, teaches mathematics at the San Diego, Calif., State University. His wife, Susan, teaches English there.

1899 News Note

Dr. John W. Robinson, ex 1899, is the author of a book entitled "Recollections," about North Dakota and its early history. He resides in good health at Garrison, N.D.

IN MEMORIAM

Almer O. Lukkason, ex '09, September 1976, East Grand Forks, Minn.

Mrs. A. H. Halvorsen (Leonora Rinde, '11), August 1976, Bismarck, N.D.

Mrs. Charles F. Hartt (Muriel J. Beaty, ex '18), August 1976, Grand Forks, N.D.

Lloyd A. Mackenroth, ex '20, July 1976, Glenview, Ill.

Dr. L. Otis Simenstad, '21, Sept. 12, 1976, Osceola, Wis.

Mrs. H. A. Hellekson (Betsy A. Knutson, ex '23), August 1976, Grand Forks, N.D.

Alfred W. Christensen, ex '24, July 1976, Seattle, Wash.

Dr. Earl E. Bigler, '31, '32, July 29, 1976, Perham, Minn.

Claire F. Monkman, ex '31, August 1976, Bottineau, N.D.

Lyle V. Belcher, ex '35, Aug. 8, 1976, Tacoma, Wash.

Mark F. Nero, '40, July 1976, Denver, Colo.

Mrs. Betty Lenz (Betty Leigh, '42), September 1976, Grand Forks, N.D.

Mrs. Dale V. Ness (Evelyn Irene Sorlie, '45), August 1976, Falls Church, Va.

Mrs. Lillian Erickson Lee, '49, '50, August 1976, Devils Lake, N.D.

Elvin Giles Underdahl, '49, August 1976, Colorado Springs, Colo.

Irvin D. Heazlett, ex '70, September 1976, Minto, N.D.

Rae Ann Johnston, '70, July 1976, Crystal, N.D.

Gerhard Dwight Granrud, ex '73, August 1976, Moorhead, Minn.

Wilma G. Old Rock Martin, ex '75, July 1976, Fort Totten, N.D.

Kevin C. Malafa, ex '76, Sept. 5, 1976, Grafton, N.D.

Meldon Leischner, ex '76, September 1976, New Leipzig, N.D.

Pedersen is longest teaching English prof

By ROBIN SELVIG

Myrtle E. Pedersen has taught in the UND English Department longer than any other faculty member of that department—38 years. And during those 38 years, she has taught more than 8,740 students. She has served under three presidents—John West, George Starcher, and Thomas Clifford—and three deans—William Bek, R. B. Witmer, and Bernard O'Kelly.

Pedersen was the recipient of the UND Alumni Association's Edgar Dale Faculty Award for "Outstanding Teaching and Loyalty Service to the University of North Dakota" at Founders Day this past February.

A graduate of the University in 1931 with a B.S. and again in 1937 with an M.A., Pedersen has been teaching at UND since 1937. Her current title is Associate Professor of English.

While an undergraduate, she majored in English, history and biology but graduated one course short of a major in biology—something she attributes to the fact that during her senior year she was a laboratory assistant in the Biology Department. "During a depression," Pedersen said, "it was wise to prepare oneself in several fields. As it turned out, English became my specialty."

Her master's degree is in English, with emphasis on English and American literature. She has earned 30 additional graduate credits beyond her master's degree. These post graduate studies were taken at the University of Washington in Seattle and the University of Minnesota in Minneapolis. She studied Hawthorne, Melville, Byron, Shelley,

Swift, Ibsen, Strindberg, and literary criticism.

Getting her Ph.D. was a consideration at one time, Pedersen said, but early in her teaching career she was mainly interested in teaching freshmen and sophomores. Later that interest included upperclassmen.

"Many of my former students are now personal friends," Pedersen said. "Some have been and some still are fellow college teachers or administrators here at UND. Many more are scattered throughout the state—and the nation. Fortunately many of them are doctors, lawyers, business executives, politicians, and teachers in Grand Forks. It is always pleasant to visit with these and any other former students. Naturally one loses contact with most of them."

Recently Pedersen has had the pleasure of teaching sons and daughters of former students. "That is as interesting as teaching two, three or four members of the same family," Pedersen said.

Occasionally she hears from students by mail, and she received several congratulatory notes from former students when the distinguished teaching award was announced.

There were only seven members in the English Department when Pedersen first joined the staff at UND. There are now 27 faculty plus 21 graduate teaching assistants. The total University enrollment when she started teaching here about equals the number of students in the current freshman class.

Many of her memories about earlier days at UND center on activities she was involved in, Pedersen said. She was an active mem-

ber of the American Association of University Professors—at that time there were 60-75 active members attending meetings. She was secretary from 1948-55 and president 1955-56. Since then she has served on numerous campus and faculty committees.

Pedersen was Director of Composition for the English Department from 1957-69. More recently she was Director of Introduction to Drama from 1970-73.

She was the North Dakota

chairman and a national judge for the National Council of Teachers of English (NCTE) Achievement Awards for high school seniors, from 1962-66.

Pedersen was one of the founders of the Lutheran Student Foundation (LSF) at UND and served as secretary of the Board of Trustees from 1946-64. By that time the Lutheran Student Center had been built and Christus Rex was an established student congregation. Pedersen has been listed in the

"Directory of American Scholars," "Who's Who in American Education," "Who's Who in the Midwest" and "Who's Who of American Women."

Since about 1973, Pedersen said she has done "comparatively little committee work" and is now "primarily teaching." But during her years of activity on committees, she said working with students and professors was "very satisfying."

The media has recently put great emphasis on studies indicating "Johnny Can't Read" as a result of education today. Pedersen said she believes that "permissiveness has resulted in added weakness. Still students are much the same from year to year."

"We had our sharp, alert, active, serious-thinking students way back," she added, "and we still have them. We had our weak students way back, and we still have them."

Pedersen admits she has to teach basics in Composition II, but she guides her students into creative thinking and communicating. "You can't think in a vacuum, you have to have ideas," she tells her students. "You have to learn to read and think creatively."

This is also true, she said of literature. When studying literature, "You must both read and think creatively."

As yet Pedersen has no definite plans for immediate retirement. She could stay on for several more years, she said, but isn't sure just how long she wants to teach. She has enjoyed her 38 years of teaching at the University of North Dakota. Otherwise she would never have spent almost all of her professional life here.



MYRTLE E. PEDERSEN, '31, '37, has been teaching in UND's English Department for 38 years, and has had more than 8,700 students pass through her classrooms.