

Board of Higher Ed to decide fund distribution

By Carol Wahl

The distribution of appropriated funds for SU will be decided by the Board of Higher Education meeting this week in Minot. The decision will determine whether the appropriated 9.5 percent increase over the current base will be retroactive to March 1 or become effective, in addition to a 11.6 percent increase July 1, Robert Koob, vice president of academic affairs at SU, said.

The second alternative would be in the funds being spread throughout fiscal year 1986, he said. The Board of Higher Education originally requested an 11.6 percent raise to be effective Jan. 1, followed by additional 5 percent raises on July 1, 1985, and again July 1, 1986.

The smaller increase in funds would not be seen as an attack on higher education," Koob said.

There is strong moral and verbal support for higher education, and the condition is a result of difficult economic times, he said. Conditions improve, depending on the

economy of the state of North Dakota.

Because the funds appropriated fell short of the original amount requested, program cuts will be made, he said.

"It is the intent of the university to cut programs to a limited degree," Koob said.

Only limited programs will be cut and as a result not all college departments will be affected.

The program cuts are not as severe as they might have been had the funds not been appropriated, he said.

The program cuts will allow more salary dollars to be allocated to fewer people, he said.

"Salaries are to be awarded on the basis of merit," Koob said.

The proposed program cuts will be announced at a faculty senate meeting May 13.

Because every cut requires a one-year period to be implemented, he said, all current programs will continue throughout next year.

Salary to page 2



A soggy Saturday greeted 900 junior-high girls who had come to learn about the importance of high school math and science in the "Expand Your Horizons" program. (Photo by Jeff Wisnewski)

College faculty salaries are increasing nationwide

(CPS)—After years of losing money to inflation, most college teachers are earning about 6.6 percent more than they did in 1984-85, a new study says.

Full professors now make an average of \$39,870—a 2.5 percent increase after inflation—and experts hope the recent economic recovery and state tax increases will prompt governing boards and state legislatures to boost faculty salaries even more next year.

But the salaries still don't let professors live as well as they did a decade ago, said W. Lee Hansen, author of the American Association of University Professors "Annual Report on the Economic Status of the Profession."

Let's bag some rays

Last week's warm weather lured many students outdoors to enjoy the sunshine. (Photo by Jeff Wisnewski)

"It's still only 85 percent of what professors were earning (in real dollars) in the early seventies," he said.

The reason is that, although most consumer prices were rising by some 10 percent a year during the late seventies and early eighties, colleges could only afford to grant faculty members pay hikes of seven-to-eight percent during those years.

But the relatively low inflation rate of the last two years has "helped ease the burden of colleges and universities" this year, and given faculty their highest "real salary" increase since the 1960s, Hansen said.

"In 1981, real salaries were 20 percent below early seventies' levels," he added. "Now, they're only about 15 percent lower."

Public college teachers are getting the biggest average increases, 6.9 percent, while private college professors' average raise was six percent, the study says.

Teachers at church-related colleges won average hikes of 5.8 percent.

"The increase level in public institutions is higher because private institution budgets depend mostly on tuition income. And there's always the usual handwringing about raising tuition."

The study came out days after a College Press Service report that tuition will be going up faster than the inflation rate again next fall, largely because colleges need more money to help restore faculty buying power.

This year, professors at private, Ph.D.-granting universities are the nation's highest paid teachers, averaging \$49,880, the study shows.

Men continue to outearn women professors by about \$5,000 a year.

The study found full professors

Rising to page 2



Effort to make all students serve re-ignites

(CPS)—Students and other youths could be a step closer to being required to devote two years of their lives to military or civilian national service.

The sporadic debate over a national youth service flared anew with Sen. Gary Hart's recent proposal to establish a system requiring all youths to perform some kind of service to the nation.

Hart's proposal would give \$3 million to a commission to design a workable youth service system.

Although advocates disagree about the best kind of program, and although Congress rejected a similar plan last year, most national youth service proponents welcomed Hart's initiative.

"There is a great deal of debate that needs to occur before any consensus is reached, and Sen. Hart has stirred up some discussion," said Michael Sherriden of Washington University, co-author of a book outlining one version of a national youth service.

"If Hart continues to be viewed as the likely Democratic (1988 presidential) nominee, his idea will go with him," he added.

But Hart's initiative won't be enough to get the idea through Con-

gress, said Meryl Maneker, co-author of a 1984 report on annual youth service prepared for the Youth Policy Institute.

"All the (1984) Democratic presidential candidates at one time or another proposed some kind of youth service," Maneker said. "It's very Kennedy-esque."

Maneker said youth service is less politically appealing now than last year because of the focus on reducing the federal budget deficit.

As long as the Reagan administration ignores it, Hart's proposal will go nowhere, she added.

"Hart is not that great a political god that what he proposes will get acclaim just because he proposes it," she said.

That pleased Young Americans for Freedom Vice Chairman Jay Young, who said national youth service, whether voluntary or mandatory, is unnecessary.

"The volunteer spirit in this country is strong," he said. "There is no need for the government to get involved in volunteer programs."

Young blasts Hart's call for a \$3 million study as "a foolish waste of taxpayer's money."

Polls, however, do suggest a majority of Americans favor some kind

of national youth service.

An earlier Gallup Poll discovered a large majority of high school, and college students also favor a voluntary youth service program.

In unveiling his proposed legislation Feb. 27, Hart said he preferred a mandatory youth service program.

Hart's bill calls for the program to involve 12 to 24 months of service, with penalties for noncompliance if a mandatory plan is used.

"A genuine sense of community and citizenship should include specific challenges and obligations, beginning with service to the nation," Hart said in a Feb. 4 speech.

"A new system of national service—including both military and non-military opportunities—will ask young Americans to return some of the advantages and investments they have received from our society."

Hart himself escaped military service by winning education deferments while studying at Bethany Nazarene College, Yale Divinity School and Yale Law School.

By the time he finished all three in

1964, at age 27, he was beyond age.

Sherriden said he opposed mandatory youth service, believing it would be divisive and too difficult to enforce.

He advocates a voluntary program offering education credits and paying participants minimum wage salaries.

About one million people between 18 and 24 would participate a year, he estimated, at a cost of \$10 billion.

"The value of the service rendered will more than compensate for the cost of the program," Sherriden said.

Maneker believes any new service programs will be controlled by local and state governments.

New York City has a youth service program, as do New Jersey and California.

Rep. Robert Torricelli (D-N.J.) introduced a House bill similar to the Senate bill.

In past years, the full House defeated youth service bills, but they've cleared the Senate House committee.

Rising from page 1

now average \$39,870; associate professors, \$29,910; assistant professors, \$24,651; instructors, \$19,150; and lecturers, \$22,020.

While no school approved the 18.9 percent pay boost necessary to bring faculty salaries back up to 1970 purchasing levels, some did give healthy raises.

California State University faculty, for example, got a ten percent pay hike this year, and hope for another ten percent next year, said California Faculty Association spokesman Edward Purcell.

"But remember, in California for a number of years, there was no faculty salary increase," he added.

But while some research universities and schools in states with booming economies granted above-average raises, schools in economically distressed agriculture and energy states fell behind.

"The AAUP report shows nationwide averages," said Minot (N.D.) State College physics Professor Gordon Berkey. "I wish it were true in North Dakota. In the last two years, higher education faculty salaries have gone up zero percent."

"North Dakota depends on the farm and oil economy, and it's a bad time for both," added Berkey, who

conducted an independent survey of state education salaries last fall.

And while college enrollment is up this year, state-wide, he said, there's little public support for higher education needs.

"We haven't fared well in competition for state funds," he noted. "The public perception seems to be that public (primary and secondary) schools need more and that we're doing well."

Salary increases in Texas, Maryland, New Mexico and Wisconsin all fell far below the 6.6 percent average.

"Our increase for this year was 3.84 percent," said James Hickman, University of Wisconsin-Madison business professor and member of the Faculty Salary Working Group. "It was far, far below our competitors."

Hickman's committee had recommended pay increases of 15 percent for Wisconsin faculty.

"But we feel good about the report," he stressed. "We predicted this, how other universities kept two to three percent ahead of inflation, but I don't know what effect the study will have on state employee pay plans."

Salary from page 1

In addition, every faculty member who has been at the university more than three years is entitled to a one-year notice of termination, he said.

The university averages an 8 to 10 percent turnover rate compared to a normal turnover rate of about 5 percent. But the proposed salary increase should be adequate to keep the rate from increasing, Koob said.

Tuition will increase next fall by a minimum of 12.5 percent, Koob said. In effect, the state of North Dakota has shifted a part of the burden from the taxpayer to the student.

As a result, the student will be paying a greater amount this biennium than the last biennium, he said.

The effect on SU enrollment will depend in part on the way Minnesota deals with its tuition.

A current Minnesota proposal would result in a larger absolute value tuition increase than that in North Dakota, Koob said. This could result in a smaller percentage increase, however, because the tuition in Minnesota is already higher than here, he said.

NewsNotes

(CPS)—If President Reagan's financial aid cuts go into effect, students from a quarter million families with incomes below \$6,000 a year would lose an average of \$1,160 each, said Allan Ostar, president of the American Association of State Colleges and Universities (AASCU).

An AASCU survey of 15,616 students suggests 500,000 students with family incomes below the President's proposed \$25,000 aid limit, including 105,000 minority students, would lose aid.

(CPS)—No more sleeping the first week of the semester at the University of Georgia-Atlanta.

Under a proposed policy, students would be dropped from classes for missing the first two sessions, receive a failing grade and no tuition

refund. "We've got to do something either get these people out of class or get to go to class," said Rep. Bruce Shutt.

(CPS)—By a 7-3 vote, the Supreme Court ruled the government's refusal to register for the draft if they publicize that refusal not violate free speech rights.

The decision affects 18 men publicized their decisions to register by writing letters to President Reagan or to the Selective Service.

The Justice Department now seeks out all eligible men who have failed to register for the draft, not just known non-registrants.

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Congress to decide on financial aid package

(S)—In the first tests of congressional opinions about student aid, a key Senate committee has set aside some of President Reagan's proposals to cut federal student aid.

The tests suggest Congress ultimately may freeze the aid budget for a year.

For the moment, college lobbyists are happy that Congress has indicated it won't accept the Reagan cuts.

In mid-March, the Senate Budget Committee junked the president's plan to limit aid to \$4,000 per student per year and cut off from aid altogether the students from families earning more than \$32,000 a year.

But committee Republicans did propose a plan to cut \$220 million from the Guaranteed Student Loan (GSL) program and certain health professions programs, and freeze other financial aid at fiscal 1985 levels.

The committee's entire budget

proposal should reach the full Senate for discussion sometime this spring or early summer.

"We're in a 'pay me now or pay me later' position with the federal budget," said Bruce Post of the Senate Education Subcommittee. "We have to get a handle on the deficit or there will be big problems ahead."

"Someone has to do something about the deficit, so the Senate is leading the way," he added.

Senate Democrats argue the proposed cuts won't save as much as the Republicans say, but "the committee wanted to meet a deficit reduction target," Post said. "We'll have to wait till the real world intrudes to see if the estimates are right. Deficit forecasting isn't an accurate art."

Labor and Human Resources Subcommittee Chairman Sen. Robert Stafford (R-Vt.) recommended the freeze and the GSL cuts.

"He's pleased," Post said, "and the higher education community

essentially has taken to his proposals."

But the plan was just a first one. Even with much, Congress won't write a final aid plan until October.

"It's too early to tell what the Senate's final proposal will be," said Charles Saunders of the American Council on Education. "There'll be amendments to try to increase funding when the bill hits the Senate floor."

"The best thing" he pointed out, "is the committee rejected the President's recommendations on student aid and generally imposed the freeze at current levels."

But "the Senate recommendations don't recognize the real needs in higher education or the appropriate federal response," claimed House Education Subcommittee staff director Tom Wolanin.

"The tremendous erosion in grants and increased reliance on loans is reducing opportunities and creating a new class of student debtors," he said. "These plant the seeds of serious problems down the road."

Wolanin contended he doesn't "know what the House subcommittee will do. They're waiting to see

what the Senate proposals do on the floor before they get serious."

"Our subcommittee will encourage the House not to follow the Senate pattern," he insisted.

"Their proposed \$200 million cut in GSLs will be difficult to accomplish without risking the participation of private lenders," Wolanin said. "Losing \$7 billion to \$8 billion in private capital for students yearly is a gamble we'd rather not take."

"The House is discussing a freeze," the Senate's Post countered. "But they're reluctant to consider it. They're content to let the Senate deal with it."

Experts seem willing to accept a freeze, rather than face major program funding cuts.

"The freeze would only be for one year," ACE's Saunders said.

"It's true that a freeze means loss of funding," he said. "Each year since 1981 we've lost something to inflation."

"But if we come out of this year's budget with a freeze or even a little more money," he added, "it's the best we can expect and it's better than the disaster of the Reagan proposals."

Bison Brevities set during 40s reunion

A variety show of music and comedy will be presented by SU students during the 53rd production of Bison Brevities at 8:15 p.m. Thursday through Saturday in Festival Concert Hall of the Reineke Fine Arts Center.

Acts are selected from numerous student auditions held early in March. The show will offer approximately 10 acts, including 15-minute production acts and curtain acts. During the Saturday performance, a

special alumni act is planned in conjunction with the Alumni Association's Fabulous Forties class reunion.

Bison Brevities is produced by Blue Key, a national honorary service fraternity of student leaders. Proceeds from the show are used for scholarships. Co-directors are Monte Gonke and Robert Gudmestad. Tickets for the show are available at the NDSU Music Listening Lounge in the Memorial Union.

Therapeutic touch is focus of a MSU workshop exploring the healing technique

"Therapeutic Touch," a one-day MSU nursing workshop exploring a healing technique once used by ancient medical professionals and now gaining modern acceptance, will be held Friday, April 26 at the Fargo Doublewood Inn.

The workshop, which runs from 9 a.m. to 4 p.m., is open to nurses and anyone else interested in the process. The sessions will introduce theory and practical applications along with possible effects, human energy systems and the psychology

of healing.

Teaching the workshop will be Ann Saywer, a licensed consulting psychologist and registered nurse, who uses touch therapy in her private practice in Winona. She's a retired dean emerita of Winona State University.

The workshop, available for seven contact hours, meets Minnesota Board of Nursing continuing education requirements.

To register, contact the MSU nursing department at 236-2693.

Baldwin to be presented with Robert Odney teaching award

(NB)—The Robert Odney Award for Excellence in Teaching will be given Thursday to Beverley Baldwin, assistant professor of bacteriology at SU.

The award ceremony will be at 3:30 p.m. Thursday in Beckwith Recital Hall of the Reineke Fine Arts Center. Participating in the program will be Drs. Kenneth McMahon, chair of the department of bacteriology; James Sugihara, dean of the Graduate School, and Ross Wilkinson, associate dean of the College of Agriculture. Ushers will be student members of the Medical Technology-Bacteriology Club.

Baldwin teaches almost 130 students each quarter through a general survey course in bacteriology laboratories taken by students majoring in bacteriology, medical technology or pre-medicine. She also advises 30 students. Her fields of major scientific interest are general microbiology and pathogenic and anaerobic microbiology. She is the author of several journal articles and abstracts in addition to laboratory manuals of pathogenic microbiology and bacteriology.

Odney award recipients are nominated by students and alumni. One nominator commented, "Mrs. Baldwin's courses are extremely well organized, clearly presented, demanding in thought and generate enthusiastic participation."

Another said, "I found labs and classes taught by Mrs. Baldwin to be a challenge, but at the same time, interesting and fun."

A native of Winnipeg, Manitoba, Baldwin received a B.S.A. in bacteriology in 1953 from the University of British Columbia, Vancouver. She first joined the SU faculty in 1954, teaching part time inter-



Beverley Baldwin

mittently until 1972 when she became a full-time instructor. She was promoted to assistant professor in 1979. "I enjoy the one-to-one contact with students," Baldwin said. "Some of my best friends today are former students."

Baldwin was named Outstanding Academic Adviser in the College of Science and Mathematics in 1983.

The Odney award is given in memory of the late Robert Odney, a well-known Fargo businessman, alumnus and leader for SU '75. The award is given to a faculty member who stimulates present and continuing interest in the subject matter; presents courses so that the components are clear, suitable and well-integrated; demands rigorous thought and generates enthusiastic responses from students, and demonstrates distinctive competence in his or her field.

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RAPPELING
If you have had the ambition but not the time to rappel now is your chance. Thursday April 18 from 3:00 to 5:30 p.m. Many ROTC will provide classes on rappelling and you will have the chance to rappel from both a 10' and a 40' wall. Come out Tuesday April 16th from 10:00 to 5:30 at Dunbar Hall and the Fieldhouse to see what you've been missing. Then come over to the Old Fieldhouse at 3:00 on Thursday April 18th and give it a try. See you there.

One legal age is better

Once again there has been a monkey wrench thrown into Minnesota's plan to raise the legal drinking age.

The House was going to vote on the legislation last week, but halted its proceedings. An amendment that would add \$2 million for school chemical abuse education programs was sponsored by Rep. Gloria Segal, DFL-St. Louis Park.

Adding money for chemical abuse programs is a wise move. Supposedly, educating the younger people will prevent them from getting involved with abusing habits when they become legal age.

One thing that really bothers me about this country is legal ages. When you're 16 you can quit school and get a driver's license in most states. At age 18, you can vote for, or against, the people who have the power to draft you into military service. The legal drinking age is quite varied at the time—anywhere from 18 to 21.

The government is headed in the right direction by trying to raise the drinking age to 21, but they should go a few steps further.

Why not change all the legal ages to one, simple age? Granted, that's a lot of responsibility for some people, but it's ridiculous to have so many "legal" ages.

You can drive a car and kill someone just as easily when you're 16 as when you're 60. Either the legal age should be 21 for everything, or it should be lowered.

Just think, if the legal age for every category of life was raised to 21 thousands of lives could be saved. There would be less drivers on the road, less alcohol in younger people and less of our future leaders killed in military conflicts.

Jodi Schroeder

FEATURES EDITOR

Applications being accepted for the 1985-86 school year. Comm. 201 minimum requirement.

The Spectrum is a student-run newspaper published Tuesdays and Fridays at Fargo, N.D., during the school year except holidays, vacations, and examination periods.

Opinions expressed are not necessarily those of university administration, faculty or student body.

The Spectrum welcomes letters to the editor. Publication of letters will be based on available space, prior letters on the same subject, relevance to the readers, writing quality and thought quality.

We reserve the right to accept or reject any or all letters.

Letters intended for possible publication must be typed, double spaced, no longer than two pages, include your signature, telephone number and major. If any or all of this information is missing, the letter will not be published under any circumstances.

Deadlines for submission are 5 p.m. Tuesday for Friday's issue and 5 p.m. Friday for Tuesday's issue.

Spectrum editorial and business offices are located on the second floor, south side of Memorial Union. The main office number is 237-8929. The editor can be reached at 237-8629; editorial staff, 237-7414; business/advertising manager, 237-7407; and advertising staff, 237-8994.

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CHICKENS VOTING FOR A TURKEY

Jones protests discontinuation of the comm. disorders major

To the Editor,

As a student in the department of communication disorders, I am writing to express my overwhelming feelings of disappointment, frustration, and anger in SU. The recent decision to drop our program from SU will only be a loss to the university.

Academically, the program is as strong and challenging as any other program at SU. Not only does the curriculum provide me with a strong background in speech and language disorders, but also in English, education, child development, family relations, anatomy and physiology. The communication disorders program combines theory and practicum experience. Besides the average class load of any other student at SU, we are also required to provide therapy for 2 or 3 children each quarter. That alone adds up to 15-20 hours a week. We also attend and study for classes. The communication disorder department also requires an average of 3.0 in all major classes.

As a student teacher I felt confi-

dent and prepared to enter experience in teaching. I am also confident I can compete with any graduate from another program at a different university for a teaching job for placement in a graduate program. There are no students who graduate from SU in communication disorders that are not among the best. Each one of us is of high caliber in our field.

I urge you to reconsider the decision to drop the department of communication disorders from SU. It is evident that academically we are a notch above students for SU, and we can enhance this university. We may not have the quantity you are seeking, but we are definitely quality students.

As a student who has learned to love SU and all you have to offer, this is very disappointing for me. I will graduate and leave this May with these feelings of resentment.

Katherine
Communication Disorders

Student feels University Food Service doesn't provide a choice

To the Editor,

The recent "It's Your Choice..." promotion sponsored by the SU nutrition department, in cooperation with the SU Food Service, has brought me to write this letter. It concerns an issue that many of the students who have food contracts can relate to with a great fervor.

The purpose of the "It's Your Choice" program was to give us students a bit of knowledge in order to improve our health and diets, with the added feature of winning prizes if we collected the proper cards containing this information. Now the idea behind this program is just fine, but the application here at SU is not justifiable. For the information that tells us to cut out certain foods or to reduce the intake of some foods would require us to quit eating at the dining centers here on campus.

Now the information I am referring to contained lists of foods, food components and preparation methods of which we are told we should avoid or reduce our intake. Some of these include the following: fried foods, fatty and processed

meats, bacon, hotdogs and sausage. We should also cut down on our intake of foods which contain substantial amounts of sodium. Some of these include potato chips, catsup, processed cheese, canned soups, condiments and the aforementioned meats. Furthermore, we are told to choose meats prepared without added sauces, gravies and oils and to choose meats that are deepfried or frozen.

It is common knowledge to anyone who has looked at one of the menus published by the SU Food Service, that these so-called "choices" avoid exactly what we are served. Out of one week's menu, the two main entrees included sixteen processed or canned items out of twenty-five. That is sixteen food items are included under those foods to avoid or cut down on.

How can we the students be expected to continue? I for one am not with the food I am being served at my dining center. But my "choice" is to either not eat or

Letter to page 5

Opinion Poll

QUESTION: How do you feel about politics interfering with athletic events?



Mike Gordon

The athletes who train the hardest are the ones feeling the effects from this kind of politics.

John Zarling

I feel it is very unfortunate, especially for the athletes who have trained in the nature of true sportsmanship and are manipulated by political pressure.



Denise Peterson



Athletic participation is for the athletes and should not be used for political gains.

Ramin Hashemi

It doesn't make sense to me.



Doreen Giesler



It makes the athletes feel as though they are being used as a tool or weapon.

Robin Lindberg

It's not fair for the athletes who have prepared for competition and then are not able to compete.



PHOTOS BY: Scott M. Johnson

Letter from page 4

off campus and cook for myself. Well this is not possible for me or for many of my fellow students. The theme of the "It's Your Choice" program is not much of a choice. We either don't eat or we get out.

Why do the food services have to serve these foods? If they are so concerned about us eating healthy foods, why don't they serve them? Yes, it is true that in recent weeks we have seen an increase in fresh melons and assorted fruits. Also we have a few, though rather limited, vegetables to choose from each day. Why can't the variety of these types of foods increase? Why instead of canned or dehydrated foods, can't we be served the real McCoy? We cannot live on our current diets for the nine or so months we are here each year. We need foods that will give us the energy to make it through each school day. I believe what we are being served does not

do it.

But to just criticize the food we are served would not be of any help or fair. I urge all of the students here on campus to use the "beef boards," provided in your dining centers, to let your food services know what's on your minds. As a dining center employee myself, I can assure you that the directors will read your suggestions with serious consideration. But you have to put our ideas up there to be heard.

And to the food service directors, instead of looking to find news and exciting food products from your wholesalers, why not use the resources that we the students pay so dearly for to serve us foods that will indeed improve our health. "Lets Eat to Live, Not Live to Eat." "It's Your Choice, Choose Wisely!"

Michael Kubisiak
Biology

Campus Clips

Association of General Contractors

There will be a special meeting for a community project with the Park Board and a pizza mixer at 6:30 p.m. Thursday at the Park District Office at the Depot.

Pre Law Club

The meeting to finalize trip plans to State Supreme Court and elections will be at 6 p.m. tonight in the multipurpose room in the Library.

ASAE

There will be a presidential forum, discussion of next year's activities and a lawn mower clinic at 6:30 p.m. Thursday in AE 201.

Rodeo Club

There will be a meeting Thursday at Shepperd Arena at 7:30 for all members. The executive meeting is at 7:00. Plans for the rodeo will be discussed.

Chi Alpha Westgate

Bible study will be at 6:30 p.m. Thursday in FLC 319.

SOTA

Coffee time will be in the Founders Room from 9-12 a.m. on Friday.

Fellowship of Lutheran Young Adults

There will be Bible study at 8:30 p.m. Thursday in the Plains Room.

ULC

Lutheran Student Movement Regional Retreat will be from April 19-21 in Brookings, S.D. Those interested can meet in the ULC at 4 p.m. The theme is "Faith active in Love," and the cost is \$25.

Horticulture Club

There will be a meeting at 7 p.m. Thursday in the Horticulture building.

InterVarsity Christian Fellowship

Terry Steltenow will speak on prayer at 6:45 p.m. tomorrow in the States Room.

Waterbuffalo

A new gear demonstration will be provided at the meeting at 8 p.m. tomorrow in the New Field House.

Libra

There will be a meeting at 6 p.m. today in the Plains Room.

Wildlife Society

A business meeting and a film on giant Canadian geese will be at 4:30 p.m. Thursday in Stevens room 328.



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Vitamins surrounded by mythology and hype

By Theresa Scherer

A carefully planned diet can provide all the essential vitamins, according to Professor Allen G. Fischer. Fischer, a member of SU's chemistry department, spoke yesterday during "Update on Health, Diet and Exercise," a symposium sponsored by the College of Pharmacy. Manufacturers bombard health-conscious Americans with ads for vitamin supplements. These ads are often based on false and misleading statements, Fischer said. The general public, because it knows so little about vitamins, buys products. They seldom question the need to take a daily vitamin supplement.

Ascorbic acid, vitamin C, is best known for its value in preventing scurvy, a dreaded disease of early sailors.

Vitamin C is used for the production and maintenance of collagen, a protein substance found in all fibrous tissue. It is also needed for fatty acid oxidation.

Fruits and raw leafy vegetables are primary sources of the vitamin.

"One pound of brussel sprouts contains 400 milligrams of vitamin C."

"An orange contains 150 milligrams," Fischer said. The general diet in the United States should contain 120 milligrams of vitamin C.

Americans should not have to buy ascorbic acid tablets, Fischer said.

"Vitamin C is found naturally. We don't need to produce it in laboratory."

No statistical evidence has been found to support the claim Vitamin C helps prevent the common cold or cancer.

Vitamin A is essential for night vision, bone development, tissue maintenance and reproduction.

Liver and whole milk have pure vitamin A. Dark green leafy vegetables and carrots contain carotene. Oxidized carotene provides vitamin A.

The U.S. Recommended Dietary Allowance (USRDA) is 1,500 to 8,000 international units (IU).

"The body can store a year's supply of vitamin A."

It is the vitamin most commonly found in toxic levels. Toxic levels can result from 7,500 mg. Symptoms include liver problems, rashes and headaches.

"Some pills sold over the counter contain 25,000 IU." Nicknamed the "sunshine vitamin," vitamin D, is essential for normal growth and development. It is important in the formation of teeth and bones.

The RDA is 400 IU.

Vitamin D can be synthesized in the body or it can be ingested. The action of the ultra-violet rays of the sunlight on 7-dehydrocholesterol in the skin produces vitamin D.

Foods high in vitamin D include liver oils, tuna, cod, and egg yolks.

"Recently milk has been fortified with vitamin D—usually 400 IU per quart."

Toxic levels of vitamin D can accumulate, Fischer said. The body stores the vitamin in the liver, skin, brain, and bones.

Signs of vitamin D toxicity include excessive calcification of bones, kidney stones and headaches, weakness and nausea due to hypercalcemia.

Hypercalcemia victims have excessive calcium in their blood.

"Pregnant women and children shouldn't take vitamin D supplements because they already receive high levels from cheese, milk and baby food."

Infants given high levels of vitamin D suffer from stunted growth and mental retardation.

Vitamin D pyridoxine plays a vital role in the food metabolism.

"Over 40 different reactions require pyridoxine."

The RDA is 2 to 25 mg per day.

Yeast, whole grain cereals, fruit and vegetables are primary sources.

"B-6 deficiency is rarely found in man." Supplements are not needed.

The body can not convert more than 7 mg of vitamin B-6 a day. Excessive intake is eliminated in the urine.

Consumers spend \$14.95 on 100 500-mg tablets.

"Their money is washed down the drain," Fischer said.

Strength and fitness screening was part of SU Health Fair

By Shannon Endres

Step right up, don't be shy, it's on fitness screening. A fitness check was one of the many events of the 1985 Health Fair sponsored by the YMCA of NDSU. The screening took place April 11. The screening checked many areas of exercise and flexibility. Donna Terbizan, SU exercise physiologist, and the Student American Pharmaceutical Association administered the test. "The complete screening takes between 15 to 20 minutes," Terbizan said. A step test began the fitness program. The test involved stepping up and down one step for three minutes. The step test tested the cardiovascular system. A strength test to measure grip strength measured both dominant and non-dominant hands compared

to body strength.

The flexibility test involved a sit and reach test measured in inches. The participant sat with legs straight out in front and reached as far forward as possible.

Body composition was another testing area using skin fold calipers to measure body fat and muscle tissue.

The screening finished with an exercise prescription to help improve the fitness of the participant, Terbizan said.

Aerobic exercise was recommended. Frequency of exercise should be three to five times per week for beginners and five to six times for advanced.

The duration of exercise should be 30-45 minutes—15 minutes of warm-up and 10 minutes of cool down. Several stretching exercise descriptions and diagrams were prescribed.

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Ideal body weight is possible through proper diet and exercise

By Gail Williams

Diet and exercise are a winning combination for all of us, but active and athletic people especially need to make the right nutritional choices, said Ann Schroetter, SU food and nutrition lecturer.

Speaking in a Health Week forum, Schroetter said nutrition or exercise alone won't make a person healthy, but together they improve cardiovascular function, decrease blood pressure, prevent the onset of osteoporosis, and increase energy needs while decreasing appetite to prevent obesity.

Schroetter pointed out different athletes have different body fat needs. A gymnast needs only 2 to 4 percent body fat, while long-distance swimmers need 7 to 10 percent in order to increase buoyancy, and football players need 8 to 20 percent for cushioning.

Ideal body weight varies for individuals, but in general a 5-foot-tall male should weigh 106 pounds and

add 6 pounds for each additional inch of height. A 5-foot-tall female should weigh 100 pounds and should add 5 pounds for each additional inch, she said.

This ideal body weight is accurate within 10 percent, Schroetter said.

Caloric needs at rest are equal to ideal body weight times ten, Schroetter said. Exercise, of course, increases the amount of calories needed.

Walking at 2 and 1/2 mph uses 210 calories, while playing racquetball uses 600 and running at 10 mph uses 900. Some athletes may need as much as 10,000 calories a day, Schroetter said.

Despite the emphasis of health food stores on protein, it isn't true that people grow more muscles by eating more protein, she said.

"When you have more protein than your body needs, you end up making urea," Schroetter said.

Nutrition to page 8

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Becker discusses human sleep patterns

By Coreen Stevick

Sleep is part of a 24-hour cycle of sleep and wake behavior, consisting of two states, Rapid Eye Movement (REM) and non-REM sleep. Dr. Philip Becker from The Neuropsychiatric Institute said a period of REM sleep occurs about every 90 to 120 minutes, even during periods of wakefulness.

Non-REM sleep involves four stages, with 45 percent of sleep occurring in stage two. As the stages increase, the person is sleeping deeper. Stages three and four are called "delta sleep," where the brain waves are very slow and regular. It is the period of physical recovery for the body and most marathon runners or athletes have increased amounts of delta sleep.

REM sleep is the period of psychological recovery. During this period heart beat and respiration rates increase due to the activity during REM. This is the period when most dreaming occurs. In addition, muscle tone decreases in the body, causing snoring. Some people will even stop breathing for short amounts of time, Becker said.

During NREM sleep, the body enters a homothermic state, keeping the core body temperature stable. However, during REM, temperature affects sleep. If the room suddenly gets cold, a person will wake up.

Testing periods of sleep can also help discover the problem lying behind impotency in males, Becker said.

During NREM, erections are infrequent. However, they are much more common during REM. Testing can determine if the problem is organic or psychological in nature.

Ideally, children have the best patterns of sleep, having few periods of wakefulness. Most have greater amounts of delta sleep per night, especially in the first part of the evening.

Ages four to six have the highest onset of sleep disorders, Becker said. During this time, children tend to sleepwalk, or have "night terror" including where the child will wake up screaming. This occurs typically in the first hour and a half of sleep due to the increased pressure from delta sleep.

The best sleep occurs at about age 11. In young adults, the length of REM sleep increases, but from ages 15 to 20, the deepest sleep happens. Becker said this is probably caused by the hormonal shifts that occur during puberty.

In the elderly, there is a significant onset of wakefulness, with no stage four sleep, and little of stage three. Becker said this breakup of normal patterns is to be expected.

Becker does considerable work with sleep disorders. Narcolepsy is a

disorder of REM sleep.

These people will be excessively sleepy and may doze off during meals, conversations and while driving. This is caused by REM patterns breaking through the wakefulness periods. The person will get paralyzed and lose muscle tone, as it occurs during sleep. Many will have hallucinations or "waking dreams."

Insomnia is the most common sleep disorder. A study in Los Angeles showed that 75 percent of those surveyed said sleep is (or can be) a problem, while 20 percent said it was a serious problem for them.

Becker estimates that between 8,000 and 12,000 North Dakotans have chronic insomnia. He said it is very disturbing to the people who can't sleep, which adds anxiety. However, people can be trained to fall asleep quite rapidly.

Each person has a biological clock, Becker said. This can cause many problems. Delayed Sleep Phase Syndrome is caused when the circadian wake rhythm occurs a substantial amount of time after the regular scheduled bedtime. In other words, a person might be awake at 7 a.m. but is suddenly very tired and wants to go to bed at 7 a.m.

Delayed Sleep Phase Syndrome can be characterized by several symptoms: a person can't fall asleep at night, yet can't wake up in the morning; and he feels tired during the day and is alert all evening. The symptoms persist for long periods of time. Polysomnography shows that sleep at delayed hours and the person will typically sleep extra late (mid-afternoon) on weekdays.

Ridge String Quartet to perform at SU in Fine Arts concert series on Sunday

(NB)—The Ridge String Quartet, which made its New York debut in 1983 in the distinguished New School Concerts series, will perform in a Fine Arts Series concert at 8:15 p.m. Sunday, April 21, in Festival Concert Hall of the Reineke Fine Arts Center.

The quartet received national attention in 1982 by winning first prize at both the Fischhoff National Chamber Music Competition in Indiana and the Coleman Chamber Music Competition in Pasadena. The quartet has worked with Felix Galimir and Alexander Schneider.

Krista Bennion, violinist, has been a guest artist with the San Francisco and St. Louis Symphonies and has

appeared as soloist at Carnegie Lincoln Center, the Kennedy Center and at the Bermuda Festival.

Robert Rinehart, violinist, member of the New York Symphony Orchestra for three seasons.

Matthias Buchholz, violist, native of Hamburg, West Germany, was a finalist in the 1982 National Viola Competition and member of the Music from Mainz Touring Program.

Ramon Bolipata, cellist, was winner of the 1982 Philadelphia Chamber Music Competition and member of the Alexander Schneider's New York Symphony Orchestra.

Nutrition

Urination is the only way to get rid of this excess body waste, and muscle mass can only be increased through work, she said.

Schroetter mentioned glycogen loading, a method of systematically decreasing exercise and increasing carbohydrate intake prior to an athletic event, as being popular in running circles.

Glycogen loading has been shown to increase performance, but the risks include minor heart problems and muscle swelling or tenderness, she said.

Glycogen loading is for the serious athlete, she said. "It's not for people like myself who do aerobics three times a week and are crippled on alternate days."

Popping jello before an athletic event has no proven benefits, Schroetter said. She recommends eating bland food two to five hours before an event so most of the digestive process is complete.

Athletes should drink two cups of water afterward for every pound lost during an event, she said.

Electrolyte solutions, such as Gatorade, may be effective when the athlete rapidly loses from 5 to 7 pounds in sweat. If there is a loss of more than 10 pounds, salt tablets may be needed, Schroetter said.

Caffeine in the form of one to two cups of coffee an hour before the event may be helpful, but only if the athlete has no dehydration problems, she said.

If the athlete is eating plenty of wholesome foods, mineral or vitamin supplements are not necessary.

Athletic or active people need the same basic foods as the rest of us, but they need more—from three to five servings of milk, meats, fruits or juices, vegetables and grain products per day, she said.

This kind of diet will help the athlete increase performance and stay in shape, Schroetter said.

Trolls focus of lecture at MSU on April 10

"Trolls and Little People in Norwegian Folklore" is the focus of a lecture at MSU on Thursday featuring Kathleen Stokker, a professor of Scandinavian studies at Luther College in Decorah, Iowa.

The program, free and open to the public, starts at 7 p.m. in King Biology Hall auditorium.

Stokker is the author of one of the most widely used Norwegian

language textbooks and is currently researching a book on Norwegian folklore. She's spent several years living in Norway and has received a number of prestigious research grants from the Norwegian government.

The lecture is sponsored by MSU Norwegian Club and the Scandinavian studies program.

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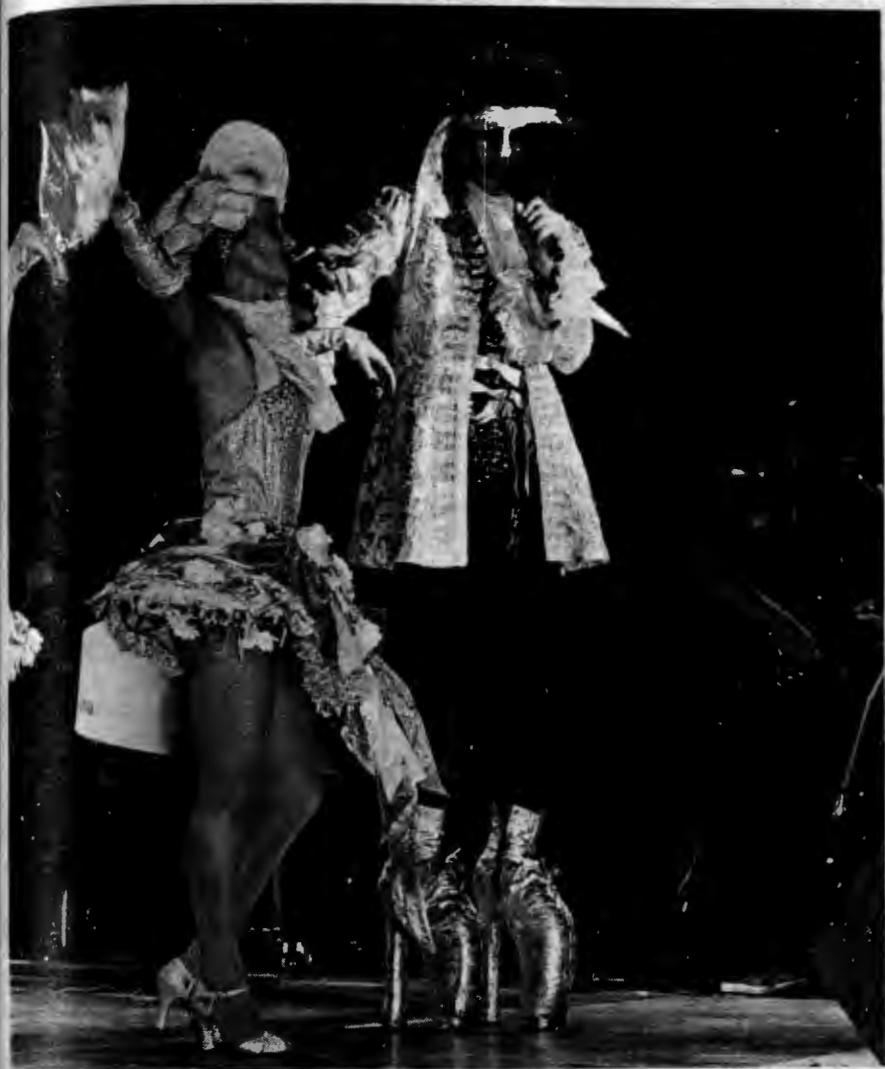
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Tubes stage show is highlight of concert



By Jane M. Kuhn

The Tubes and Utopia performed to a crowd of 3,000 at the New Field House last Tuesday.

The concert had a wide variety of music and stage performance.

Utopia was the opening group for the Tubes. The musical performance of Utopia was good, but the group's stage performance lacked excitement and vitality in comparison to the Tubes.

Review

The group's drummer, Willie Wilcox, provided some interest with the revolving motorcycle drum set.

Utopia's vocals were mainly by Todd Rundgren, but other members were also involved.

Rundgren has been a major pop music force for more than a dozen years as a master of the top 40 single, a sustaining album artist, an innovator in sound and visuals, and a producer of major recording acts, including the Tubes.

An imaginative show kept the Tubes alive

Stage props and exotic costumes played an important part in the Tubes concert last week.

(Photos by Scott Johnson)

Concert-goers might have been disappointed because none of Rundgren's solo pieces were performed.

The Tubes' performance was diversified and could be considered a musical production, not just a concert. The production was about half musical performance and half acting.

The stage show, with the Tubes' dancers, kept the songs alive. Many different ideas were played upon: a leather scene, the strip tease, the underworld, the jungle, various sports, a palace party, and the beach scene with a mermaid and a sun lover.

The costumes of the dancers and the lead vocalist, Fee "Ratso" Waybill, were diverse. This group went from one extreme to another—from the fully clothed to the scantily dressed.

The Tubes played for an amazing two hours, but the three most popular songs were played as the encore: "She's A Beauty," "Piece by Piece" and "Talk to You Later." This style of planning made people restless by thinking the group had left out these hit songs.

Overall, the concert could be rated as average. The musical performance was not outstanding, but the stage show added the needed energy and excitement.

The concert was presented by Campus Attractions and co-sponsored by RT's in Breckenridge and Live Productions.



VCR rentals skyrocket in the Fargo area

By Tom Uehling

The growth of the video cassette rental business has exploded in the Fargo area recently. Gas stations and department stores are after a piece of the action.

Several stores specializing in video cassette rentals have opened and offer low rates to attract people to their businesses.

Torry Norling, store manager of the south Fargo National Video said, "A year ago competition wasn't that stiff. But, it has doubled in the last year. The video shopper is looking for the best prices, selection and atmosphere.

Buzz Gordon, owner of Video

West in West Fargo, described the competition as hot and heavy. "When I started in January," he said, "I was the only one. In April there were six (video rental stores) in West Fargo."

Most stores report their best business day of the week is Saturday, and the best time of the year is winter. In fact, Gordon said he felt the warmer weather hurt his business more than the increase of competition in the area.

JoAnn Holte of A & V Rent-All on west Main in Fargo, said "Revenge of the Nerds," "Bachelor Party" and "The Evil That Men Do" are some of the favorite movie rentals. They also

rent a lot of horror movies.

"Police Academy" was also reported to be a favorite by many video rental stores. An employee of Show Biz Video on Main in Fargo said, "generally films that do well at the box office do well here. But, just because a film doesn't do well at the box office doesn't mean it won't do well in the video market." He said the video cassette and the movie industry complement each other because video rentals have created a renewed interest in motion pictures.

Holte said she didn't think theaters were being hurt because "they have the movies before we do." She did feel cable could be suf-

fering because the movies are often ones A & V Rent-All has in stock.

Gordon said, "I have had people come in and say they've cancelled their HBO and Show Time" because of video rentals.

The video rental market has a wide range of customers. Holte said their customers range from college students to those in their 60s. Most rental stores said the most common age group is between 20 to 30 years.

Norling said "our north store hasn't gained the student dollar as we expected it would. A lot of people with kids rent videos, and we tend to get lots of money from the Disney section," he added.

Hey, Hay to present lectures on ceramics

(NB)—Dick Hay, professor of art at Indiana State University, will conduct public workshops and deliver slide presentations on ceramics during a three-day visit to SU tomorrow through Friday.

Hay heads a well-equipped ceramic studio at Indiana State and has exhibited his works in more than 150 major exhibitions in the United States and abroad, according to

Steven Glazer, acting chair of the SU art department.

In slide presentations, Hay will talk about his own personal works and his student's works. The first slide presentation is scheduled at 6:30 p.m. tomorrow in South Engineering room 201. A second slide presentation is scheduled at 7 p.m. Thursday in South Engineering 201.

Hay will also lead workshop sessions in ceramics from 10 a.m. to 4:30 p.m. Thursday and 9:30 a.m. to 3 p.m. Friday in South Engineering room 308. Hay will either work on a piece of his own, explaining each step in the process, or will divide participants into groups and have them work on their own pieces under his direction.

Most recently, Hay has been working on a mannequin series and describes mannequins as a beautiful form without identity, according to Glazer.

"What he hopes to do in the mannequin series is to work with this perfect form and create in it the flaws in the ideal that would reflect personality," Glazer said.

The slide presentations and

workshops are open to the public at no charge. The art department is being assisted in presenting the program by the Cooperative Sponsorship Committee, the dean's office of the College of Humanities and Social Sciences and the SU Student Art Society.

Education in Germany is more intensive than in United States

By Tracey Trautman

The secondary school system in Germany is very different from the American system, according to Karin Schneider, a teaching assistant in the modern language department at SU.

The "Realschule" is the second form of post-elementary education.

German to page 11

Who's Who

German law makes school attendance mandatory for all children through age 18. According to Schneider, the kindergarten and elementary school program is almost identical to those in the United States.

The biggest difference in education is in the secondary school system. There are three kinds of high school programs.

The first kind of high school is called the "Hauptschule." The program lasts five years and is geared toward students who want to be an apprentice or learn a practical trade.



Beverley Baldwin

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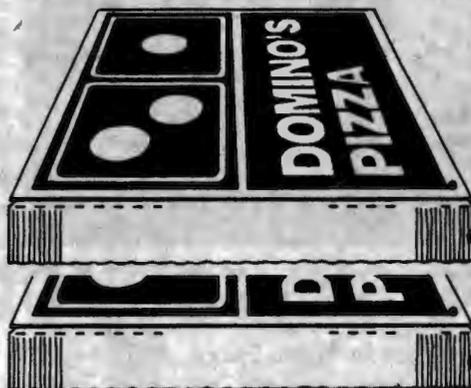
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GROSZ PHOTOGRAPHY

202 South 8th Street, Moorhead

German from page 10

This is a six-year program and is geared more toward professional trade. Students in this program usually go on to a vocational school.

The final level of secondary education is the "Gymnasium." This program lasts for nine years and prepares a student for college. After graduation a student must pass a final test in order to go to a university.

The "Gymnasiums" in Germany are much like American colleges, Schneider said. A student must choose two majors and still maintain a framework of other courses.

During the first two years of secondary education, there is an orientation period that allows students to switch from one school to another. The "Gymnasium" type of education seems to be the most popular among German students. "There tends to be more elitism among 'Gymnasium' students," Schneider said.

The university system in Germany places much emphasis on studying and less on extracurricular activities, Schneider said. The programs at a university start with a basic skill and add more courses as a student goes along. She compares the first two years at an American college as being equal to a "Gymnasium" program. "Actually, we studied a lot more," she added.

There is also a test given at the end of the first two years of university study. This is to test one's advancement and is equal to a bachelor's degree in an American college, Schneider said.

Currently, only 60 percent of "Gymnasium" students go on to universities. This is down from 70 to 90 percent five years ago, Schneider said.

"However, people are still trying to get as good an education as they can," she added.

Schneider has chosen her year at SU as a learning experience. This is her second time in America, and she enjoys the country. She plans to pursue a career in teaching, possibly in a private school or university. "I guess I'm still undecided," she said.

Based on the article in "Village Voice" about the life and death of Dorothy Stratten, Playboy Magazine's 1980 Playmate of the Year.

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Sports medicine growth rapid over past 10 years

By Mark Ferguson

With the increased numbers of people running and with the rapid growth of women's athletics, sports medicine has become more important, according to Ron Kaiser. He is a physical therapist, as well as a licensed athletic trainer and assistant director of the Red River Valley Sports Institute.

Kaiser said sports medicine has grown noticeably in the last 10 to 12 years. "The major reason sports medicine has grown like this is the large growth in the area of running," he said.

Another reason for the rapid growth of the sports medicine field has been the development of specialty treatments and research of sports injuries.

A good example of this is the rapidly growing knee injury field, Kaiser said. In just the last few years there have been important

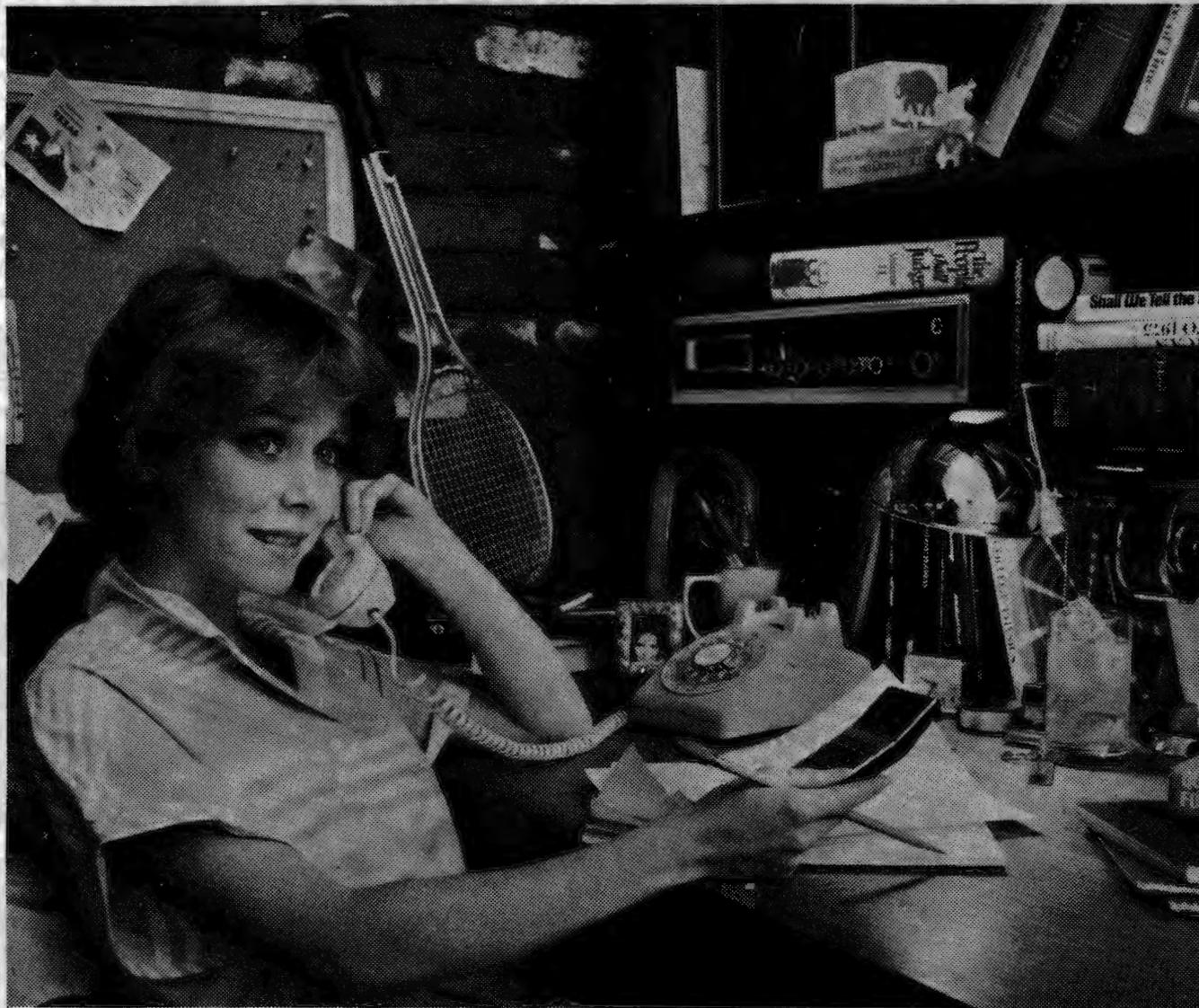
breakthroughs in knee injury treatment.

"We have gone from the therapy of taping the injury and weeks of crutches to special surgeries, rehabilitation, and progressive strengthening for productivity. An athlete can return to the sport in less time and in better condition than compared to the old way," he said.

In the area of college athletics, sports medicine has become important. With the increasing quality of competition, the number of serious injuries have grown and nuisance injuries have declined. There has been an increase in the number and seriousness of knee injuries, Kaiser said.

Rehabilitation includes several steps. The first step is the evaluation of the injury, including

Medicine to page 13



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SU garage keeps SU vehicles rolling along

By Marjorie Dobervich

For a minute, let's imagine the chaos that would result if all the vehicles we depend upon so much were suddenly grounded. No, on second thought, let's not even think about it!

Instead, let's take our hats off to the SU garage operations, which are so important in keeping SU rolling. Three men are instrumental in keeping those wheels turning.

Gary Kopischke, motor vehicle shop foreman at the garage located on the west side of campus, is assisted by Terry Klug, motor vehi-

cle mechanic, and Delano (Del) Wang, auto service worker. They specialize in preventive maintenance, repair and overhaul of some 240 vehicles, in addition to gas island and diesel pump service and maintenance.

In short, as Kopischke said, "We do whatever has to be done." That includes pumping about 100,000 gallons of gasoline a year.

Kopischke said he likes his job because every day brings him something different. In addition to all automotive maintenance and repair, including the tractors,

mowers and trimmers, in spring and summer the men weld, fabricate and do metal repair all over campus.

The crew has done a lot of work for the athletic department, such as making bench presses, weight racks and squat benches. They also repair bucking sleds for the football team. "We do more than fix flats and repair cars," Kopischke said.

Some of the crews that depend on Kopischke and his assistants to keep their vehicles mobile are the campus carpenters and electricians, the garbage removers, the ground maintenance crew, painters and

decorators, plumbers, power house employees, physical plant employees and suppliers, to say nothing of keeping the security and police vehicles in working condition.

The agricultural departments are particularly dependent on the garage crew to keep their trucks, tractors, station wagons and other equipment in top shape and geared for field research work.

Kopischke has just one pet peeve about his job.

"Picture this, it is 30 below, or a blizzard. A guy shows up at the garage and says he needs a vehicle started and ready to go to Valley City, 60 miles away. He wants to make a 10 a.m. meeting. It is now 9 a.m."

Kopischke said he would like a little more notice to get a vehicle started when it is colder. Otherwise, he said, "People are really pretty nice and easy to get along with."

He describes summers as hectic too. "The gas pumps are running for 1 1/2 hours straight beginning every morning!" he said.

Kopischke and his crew also keep all their records, including a detailed service record on each vehicle.

Kopischke prepares all the specifications for new physical plant vehicles, too. "It is my wish list," he said.

The wish list would probably be a lot longer if it were not for the preventive maintenance and repair the vehicles receive. Maintenance includes regular service to complete engine overhaul, brake work, exhaust system and air conditioning repair.



Delano Wang, Terry Klug and Gary Kopischke of the SU Motor Vehicle Maintenance department.

(Photo by Bob Nelson)

Medicine from page 12

amination of the injury, the surrounding muscles, and the effects of the nearby joints. The second step is the flexibility exercises, here the flexibility of the injured area is regained.

The third step is the minimum strengthening exercises for the injury and the surrounding area and joints. The fourth, and usually final, step is increasing the strengthening exercises to return the athlete to a healthy condition, Kaiser said.

Training for sports medicine is time-consuming, Kaiser said. He first had to get his physical therapist degree. One must continue training and constantly read literature about sports medicine. Then a person can choose a specialty area, he said.

Once a person has completed his or her training, they must pass their boards to become a certified athletic trainer. In some states, including North Dakota, they need to take a state examination to become a licensed trainer, Kaiser explained.

Without sports medicine today, the athlete would still be playing the same caliber of sports, but with more pain and bodily harm. "Look at the retired sports athlete—most still live with the pain of old injuries that today's athlete need not be worried about," he said.

Tomorrow's athlete will be better off than today's athlete, he hypothesized. "This is due to the rapid increase in the last five years in the research and development of rehabilitation techniques," he said.



Send in the clowns

This weekend the El Zagal Shrine Temple hosted their 34th Annual Shrine Circus. More than 2,000 people enjoyed the show supported the Shriners in their efforts to help handicapped children. (Photo by Jen Osowski)

NDSU FINE ARTS SERIES

THE RIDGE STRING QUARTET

Sunday, April 21
8:15 PM

Tickets available at the NDSU Memorial Union Ticket Office, 237-8458. Ticket prices: \$7.50, \$6.50 and \$5.50, with discounts for students and senior citizens.

Wheelchair locations are available. Call 237-8458 for more information.



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FEMALE ROOMMATE needed to share 2-bdrm. apt., 1 1/2 blks. from SU, \$135 including heat. Call Lorena anytime, 235-6775.

Thinking of taking some time off from school? We need MOTHER'S HELPERS. Household duties and childcare. Live in exciting New York City suburbs. Room, board and salary included. 914-273-1626.

Earn MONEY on all the magazines sold on campus. Need people to post information. Good profit. Write, BPC, 8218 Hardy, Overland Park, KS 66204.

COOP JOB OPENINGS By Department

For more info, visit Ceres 316, or attend weekly info. meetings Thursdays, Ceres 4th Floor, 4-5 p.m.

- EEE—NCE comten, RCA Missile, Ofc. of Personnel Mgmt., BOC-Flint Operations, Ford Motor Co.
- ME—RCA Missile, Ofc. of Personnel Mgmt., BOC-Flint Operations, Ford Motor Co.
- CE—Ofc. of Personnel Mgmt., US Dept. of Transportation Fed. Highway Admin.
- BUS—Kendeco Supply, Dan Dugan Transport, Mt. Bell, Cong. Byron Dorgan, USDA Met. Lab, Great Plains Software, Dakota Bank, F-M Community Theater.
- ACCTG—Dakota Bank, Mtn. Bell, USDA Met. Lab, F-M Community Theater
- CS—RCA Missile, IBM, Dakota Bank, Northern Great Plains Research Ctr., NCR Comten, MTS systems.
- IE—Ofc. of Personnel Mgmt.
- AG—USDA, Triple R Equipment, US Meat & Animal Research, Dan Dugan Transport, Dakota Bank, Casselton Implement Minot Implement.
- SOILS/BIO—US Meat & Animal Research, USDA.
- HOME EC—General Nutrition, Dakota Bank & Trust, ND State Industrial School, Clay Co. Dvpm't Services, ND State Hospital.
- CHEM—RCA Missile, US Meat & Animal Research, General Nutrition, Office of Personnel Mgmt.
- MATH/PHYSICS—Ofc. of Personnel Mgmt., RCA Missile, US Meat & Animal Research.
- SOC/PSYCH/HISTORY/SPEECH/DRAMA—Friendship Village, ND State Hospital, Cong. Dorgan, Clay County Dvpm't Services.
- STATISTICS—Office of Personnel Mgmt., Denver Region.
- COMMUNICATIONS—Kendeco Supply, ND Dept. of Agric.
- HORT—Minot Implement.
- MICROBIOLOGY—Ofc. of Personnel Mgmt. Denver Region, General Nutrition Mills.

These job openings have deadlines withing the next two weeks, please apply ASAP.

The Community Resource Development (CRD) program needs Summer Youth Counselors to work one to a town in locations throughout North Dakota. CRD provides an opportunity to run your own program and practice decision-making responsibilities. It attempts to involve young people in worthwhile recreation and community projects. College credit is available. Early application is required. For more information contact Pat Kennelly, SU, 237-8381.

FEMALE ROOMMATE to share townhouse, south end of Fargo, \$160/mo. includes utilities. Call after 5, 235-6449.

FEMALE ROOMMATE wanted to share 2-bdrm. apt., 1 blk. from SU, \$132.50, heat paid, off-st. parking. Nonsmoker & upperclassman preferred. Call after 7:30 p.m., 280-0738.

Looking for a female roommate to share my 2-bdrm. apt. with for the summer. If interested, please call Julie at 235-5024.

HELP WANTED: Licensed dental hygienist to work part-time on dental research project. Flexible schedule, \$9/hr. Call Kit O'Neill, 237-7347 (weekdays, 9-5).

PAINTING HELP—Outdoor work, spring/summer/fall. Interview Sat., April 13, 10 a.m. Helios, 503 1/2 N. 7 St., Fargo, 280-1838.

FEMALE ROOMMATE— 2 blks. from SU, own bedroom, heat paid. Call 293-1846.

FEMALE ROOMMATE— June 1, near SU, \$130/mo. 293-3111.

RESIDENT MANAGER: Need a mature, responsible couple to manage a nice 17-plex near SU. Prefer couple with non-working spouse. Call Trish, 235-2920.

COUNSELORS, DEGREED SPEECH, OCCUPATIONAL and PHYSICAL THERAPISTS, REMEDIAL READING INSTRUCTORS, CRAFTS, RECREATION, WATERFRONT and KITCHEN PERSONNEL—for summer camp working with handicapped children. Write or call Dan Mlinnaugh, Elks Camp Grasslick, Dawson, ND 58428, 701-327-4251

WANTED: Applicants for combination House parents and cook. Room, board and monthly salary provided. Inquire immediately at 235-1178.

Need an extra \$5.00 for the upcoming weekend? Call 282-8830 and ask Bob how to make it quick and easy.

MISCELLANEOUS

CLASSIES DEADLINES

**NOON Tues. for Fri.
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(Remember! At the Activities Desk!!)
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LDS—Leadership Development Series. Register in Room 375 Memorial Union.

DADDY, I'm ready to get them dogies movin'! Brandy Eyes

Hi Stubby, I wuv you!

I hope you had a happy birthday, but remember: "It's good; I promise!"

Come watch the Alpha Gams sleep for Juvenile Diabetes!

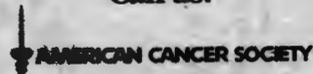
3rd Annual Alpha Gamma Delta Sleep-a-thon for Juvenile Diabetes Tuesday and Wednesday.

Congratulations Rachel! We're proud of you. ALPHA GAMS

We love our pledges, STACY and JOY! ALPHA GAMS

1985-86 SCHOLARSHIPS AVAILABLE: The Teamsters Union Local #116 of Fargo is offering scholarships for the 1985-86 academic year to sons and daughters of laboring individuals, or members of the labor force, in the community who can demonstrate financial need. Applications are available at the SU Financial Aid Office, Old Main 205. Applications must be submitted by May 1, 1985.

Learn to live with someone who's living with cancer. Call us.



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Graduate level nuclear engineering training is now being offered to exceptional college graduates and students with backgrounds in math, physics, chemistry, engineering. Training leads to positions in such areas as nuclear reactor operations and maintenance, research and instruction, good pay, benefits, guaranteed advancement, bonuses, scholarship programs available for college juniors and seniors. US citizens less than 27 years of age and free to relocate. Call Department of the Navy Engineering Programs at:

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Hey UNIVERSITY LUTHERAN CENTER—Up for BREVS!

Good luck CELESTE and NANCY of Hall—"Shoot for the stars!"

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MONTE and BOB, great job co-producing BISON BREVITIES '85.

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Good Luck to KEN OLSON in BISON BREVITIES

"On the Radio" and on stage this week FIRE UP ALPHA GAMA DELTA and TACTICHI.

Spend a week in the wilderness after this great way to recover! Contact the Outing Center, 237-8911.

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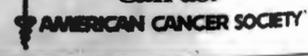
The Outing Center is now planning summer adventures. Stop in for info on BWCA WHITEWATER RAFTING trips.

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Doonesbury

BY GARRY TRUDEAU



Women's sports gain increased visibility

By Pat Pithey

Women's sports at the collegiate level has come a long way, and Lynn Dorn, the women's athletic director at SU, has plans for it to go even further.

"Women's sports has come quite a way, but there are still many barriers to complete acceptance," Dorn said. "The biggest problem with women's sports is the lack of visibility," she said.

"There is a lack of awareness of

programs offered for women. People don't understand the level of competition in which women participate in sports at. For some people, it is hard to imagine women being competitive in sports," Dorn added.

An area pointing to an increase in the sociability of female athletics is sports for girls at the junior and senior high school levels.

"We are starting our kids out in sports at younger ages and a new sociability of female sports is becoming

really positive," she said.

According to Dorn, as far as spectator attendances, volleyball has had an increase of three to four times that of five years ago, which is somewhat impressive considering they only have a couple of home meets during the season. "Women's basketball has increased attendances at the same rate."

"We can't determine between men's and women's basketball as to how much each is responsible for generating revenue, considering the overlapping from the women playing before the men," Dorn said. As an aggregate figure, revenue had increased.

SU is allowed 62 free-ride athletic scholarships by the conference of men's sports. Football gets 42, basketball receives 10, and the remaining 10 are divided up five to five for both track and wrestling.

The women are allowed a percentage of the men's total. Currently it

is at 30 percent.

Dorn said the sport that demands the most cooperation between women's coach and the men's is basketball. "For all of the sports, such as football, wrestling, track, volleyball and water sports including diving and swimming, men and women can work together and share the facility," she said. "But for basketball, both men and the women want the floor at the same time, she said. Erv, men's head coach, and women's head coach, have been working out a system where each get the same time on the floor."

"It didn't always work out between the men and the women usually didn't even get practice on the main floor if they wanted it," she added. According to Dorn, more visibility is needed for the women's sports by marketing women's sports.

Stock leading the Bison nine to best record ever

By Dave Hunnicutt

The SU Bison baseball team is streaking toward what could be its best season in the team's 46-year history. The Herd is currently 11-12 in the season, but has won 7 of its last 8 games and has prevailed in 11 of the last 14 contests. The Bison are currently the hottest team in the North Central Conference. The Bison began the season in Texas where the team faced tough competition and came back with a 2-9 record.

The reason for the Bison's success are two-fold: improved pitching and hitting. The Bison are hitting at a .305 clip and averaging 6.6 runs over the last 16 contests, according to George Ellis, SU's Sports Information Director. The Bison pitching staff has a 4.22 ERA in the last 14 games, including posting the first shutout since 1980 (217 games between shutouts).

One of the reasons behind the

Bison's improved pitching performance has been senior reliever Tom Stock. The lefthander has recorded 3 wins and 3 saves and has a .057 ERA. He has allowed only one run in his last 14 2/3 innings and just 10 hits. Stock also has the longest hitting streak on the team (eight).

Offensively, the Herd is led by two catchers, Clarence Barker (.440) and Pete Stenberg (.346). Freshman shortstop Jim Honl is hitting .333. Doug Sabinash, Ron Westrick and Brian Bachmeier are all sporting batting averages over .300.

The Bison have a team batting average of .267 with 167 hits, 123 runs and 100 RBI's. All are potential record paces with the exception of the batting average.

The Bison will play four non-conference games this weekend before opening up the conference season next weekend at St. Cloud State University Friday and Saturday.



**A CUT
ABOVE
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"Organization Day"
Wed. April 17, 1985

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