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HERBERT S. ISBEN, forum speaker: "Atomic energy saves industry $1 billion a year . . . one pound of uranium equals 1300 tons of coal." Isben discussed industrial applications of atomic energy.

SHELDON REED: "You can't see, hear, smell, taste or feel radiation, but if a small dose happens to hit a germ cell it may result in a mutation." Reed discussed the safe levels of radiation.

Citizens Must Take Stand On Atom Tests, Forum Told

By JIM TALLE

It is up to citizens to weigh the available evidence and take their own stand as to how much regulation should be placed upon nuclear weapons testing and other atomic experimentation.

That is the conclusion reached last night by Lee Loevinger, Minneapolis attorney and chairman of the Governor's Advisory Committee on Atomic Development, and University Scientists Herbert S. Isben, associate professor of chemical engineering, Sheldon Reed, professor of zoology, and Maurice P. Visscher, professor of physiology.

THEY DISCUSSED questions dealing with the recently released report of the governor's committee. A spirited question and answer session followed the panel discussion.

"There is no doubt that harm is being done by increasing the amount of radiation," Loevinger said. "But there is a question as to how much damage is being done."

"Some scientists say that the effects of increased radiation is not serious enough to warrant a cut-back in testing," Loevinger continued. "On the other hand," he said, "some scientists, notably the geneticists, say that mutations caused by radiation will spread statistically until the whole human race is encompassed."

LOEVINGER POINTED OUT that the governor's committee did not deal with the question of atom bomb testing. "It is classed as 'uncontrollable background radiation' as far as the state is concerned," he said. "Of course, citizens can exert some degree of control as individuals," he added.

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Another problem was pointed out by Visscher, who discussed the ethical implications of bomb testing. "'Average' is a fiction," he said, "but it is used by the Atomic Energy Commission to measure safe levels of exposure."

"Persons 50 miles from the test sites are exposed to hundreds of times the 'average' radiation," Visscher said. "We must take this excess amount exposed to certain groups of people into consideration.

"UNLESS WE CAN do something about the psychological and philosophical factors that lead us to try to get bigger and better bombs, this problem will continue to exist," he warned.

The panel discussion and open forum was sponsored by the University Committee for Peace and Survival, a faculty committee devoted to "promoting peace, the greatest problem of our time."

Isben outlined some of the industrial uses of atomic energy, and Reed discussed the physiological dangers of radiation, which, he said, "you can't see, hear, smell, taste or feel."

ATOMIC ENERGY, Isben said, is destined to be used increasingly by industry. One pound of uranium, he said, gives off as much energy as 1300 tons of coal.

Radiation is used because it affects materials (as in sterilization), is affected by materials (as in thickness gauging) and traces materials (as in metabolic studies).

REED POINTED OUT that as much as 10,000 roentgens directed to one spot can be tolerated. However, he said that a small dose of radiation that happens to hit a germ cell may result in a mutation.

The natural background radiation, he said, is about 50 roentgens. Medical x-ray adds three to five roentgens, and fallout adds about ½ roentgen.

Discussing the finding brought out by the governor's committee report that the radioactivity level of Minnesota lakes and rivers was measured at several times the "safe" level (see Friday's Daily), Visscher said that this "was due to a high degree of fallout in a path in the upper stratosphere from the atom bomb test sites.

"It has not reached that level yet this year," he said.

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Weather

Today's high of 80 will be accompanied by partly cloudy skies, but the forecast does not include rain.

Kennedy Reports On International Cancer Congress

There are no outstanding new concepts in the treatment of cancer to report, Dr. Byrl J. Kennedy, associate professor of medicine, said yesterday.

Dr. Kennedy recently returned from a trip to Europe, where he studied treatment of cancer to determine if any approach has been developed there which is not known in the United States.

"I SPENT MOST of my time in London," he said, "attending the International Cancer Congress." He also visited cancer treatment centers in Zurich and Paris.

Dr. Kennedy, whose research at the University is in the field of the chemical treatment of far-advanced cancer, said the chemicals employed in Europe are the same ones uesd in the United States. "European investigators in cancer are interested in finding answers to the same questions."

Dr. Kennedy is primarily interested in more effective use of the chemical treatment of cancer. "It's

(Continued from Page 1)

Union Gears Summer Events to 'Older' Student

By KAREN TINKER

Union summer programs are geared for the older, more serious students, says Dick Getchell, program consultant at Coffman Union.

"Summer students are mostly teachers who are working for advanced degrees, and they prefer to attend programs which are already set up for them," he says. "During the regular school year the students do a great deal of the planning and organizing themselves."

THE SUMMER PROGRAM, which centers around the outside facilities and the Art Craft Studio, was planned by Hartley Koch, program consultant.

Approximately 300 students attend the Monday night outdoor square dances and the Friday night Country Club Dances on the terrace.

This is considered good attendance for summer school, but the largest attendance has been at the open house at the beginning of each summer session. There were 940 attending the first summer session open house and 720 this session.

ALTHOUGH THE UNION is open for the students during the week, there are few planned activities because of the lack of attendance. There is, however, the Patio Party every Wednesday night which also utilizes the terrace.

The only facility at the Union which is used as much during the summer as during the regular school year is the Art Craft Studio. Louise Moberly, supervisor of the studio, says: "The same number of students use the Studio, but there are not as many instructional workshops."

The only workshops being offered this session are ceramics and photography. Hi-fi cabinets and a small sailboat are some projects in woodworking, the most popular craft.

A NEW ACTIVITY was started last summer session which was very successful. Free coffee and rolls were provided the day before finals.

During the summer sessions, Getchell says, all programs are made as inexpensive as possible.

KTCA-TV Programs Cancer Specialists

Cancer detection and treatment will be the subject of the next two programs in the KTCA-TV series "University of Minnesota Medical Report," seen at 9 p.m. Tuesdays on Channel 2.

The July 29 program will feature a discussion of "Cancer Detection and Diagnosis" by Dr. William A. Sullivan, assistant professor of surgery and director of the cancer detection center. He will also answer frequent questions about cancer.

DR. BERNARD ZIMMERMANN, associate professor of surgery, will present a brief history of cancer surgery on the August 5 program, and he will discuss modern cancer surgery methods.

The medical series is presented by the Department of Radio and Television Broadcasting in cooperation with the College of Medical Sciences. Programs are prepared and presented by the college's departments of psychiatry, medicine, surgery, neurology and pediatrics. Future programs will include discussions of heart disorders, strokes, liver diseases and convulsive disorders.

Walker Center Show Features Burford Oils

A one-man show of recent paintings by Byron Burford, visiting professor from the University of Iowa this session, opened yesterday at Walker Art Center with a preview for members and their guests.

The show will open to the public Friday and remain open through Sept. 15. Burford has been represented regularly in Walker Art Center's biennial regional exhibitions winning first prizes and purchase awards in 1950 and 1956.

BURFORD IS SHOWING 29 oils completed during the past two years. Most of them are studies of British Isles landscapes. Several flower studies and still lifes are also in the collection. All are for sale.

Burford has exhibited widely throughout the U. S. including the Metropolitan Museum in New York, the Chicago Art Institute, and Corcoran Gallery, Washington, D. C. He has also exhibited in England.

State Mining Story Slated For Broadcast

The story of mining and geology in Minnesota will be featured in the eight WCCO Radio "Minnesota Milestones" broadcast at 1 p.m. Sunday.

"Pipestone to Taconite" is the name of the hour-long Centennial broadcast. It re-creates many famous incidents in the state's colorful past and looks at the present and into the future.

The dramatization is told by Dr. E. W. Ziebarth, dean of the Summer Session, Cedric Adams and Bob DeHaven, with a cast of actors and special music and sound effects.

Tour of Crocker's Kitchen Will Leave 2 p.m. Tomorrow

An excursion to Betty Crocker's Kitchen will leave at 2 p.m. tomorrow from the 17th Ave. entrance of the Administration Building.

Transportation will be by chartered bus. Tickets may be purchased at the Union Information Desk.

Those taking part in the excursion will be given a tour of the new plant, including the kitchens, testing laboratory, auditorium and library.

Kennedy . . .

(Continued on Page 2)

obvious that surgery and the use of x-rays don't always cure a cancer," he said. "In many cases, it recurs, and in far-advanced cancer these two methods of treatment can't be used.

CHEMICAL THERAPY is a third major tool in the treatment of cancer. The problem is to find more effective drugs."

The aim is to control far advanced cancer, he emphasized. A cure is often out of the question. "With chemical therapy some patients with leukemia, for example, can do well for years," he said.

Dr. Kennedy's trip was sponsored by the Lovelace Foundation for Medical Education and Research Albuquerque, N.M., through a cancer research grant. He will report to the Foundation on European cancer treatment in general.

I-M Slate

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SOFTBALL
Tuesday
6:30 p.m.

	Field
G.E. Ward I vs. G.E. Ward IV	1
G.E. Ward III vs. G.E. Ward V	2

Wednesday
6 p.m.

Grove East vs. Biochemistry	6
Combo vs. Chemistry	7
Cosmics vs. ROTC	8
Standard Deviates vs. Old Pros	9

7:30 p.m.

Cosmics vs. Standard Deviates	6
Biochemistry vs. ROTC	7
Combo vs. Old Pros	8
Grove East vs. Chemistry	9

Thursday
6:30 p.m.

G.E. Ward I vs. G.E. Ward V	1

BOWLING
Wednesday
5 p.m.

	Alleys
Erratics vs. Piekers	9-10
Idjits vs. Gutterballs	11-12
Bowling Buddies vs. Alley Kats	13-14

7 p.m.

Theta Tau vs. Black Angus	9-10
Pinsplitters vs. Splitnixs	11-12
Kingpins vs. Alley Cats	13-14

Belva Boroditsky
Regional Audition Winner

★ ★ ★

Northrop Auditorium Recital Will Feature 'Met' Audition Winner

Soprano Belva Boroditsky, one of the 1958 Upper Midwest Metropolitan Opera regional audition winners, will appear in recital at 8 p.m. today in Northrop Auditorium.

MISS BORODITSKY has sung in Canada and England, and has appeared with the English Arts Council Grand Opera group and the Glyndebourne Festival Opera. She has also done recital and oratorio work with the British music societies.

The free public concert is sponsored by the Summer Session and the Department of Concerts and Lectures.

U Golf Course Closed

University Golf Course will be closed through 6 p.m. Sunday during the National Junior Championship Golf Tournament.

Spectators are welcome.

Ford Grant Allows Staff Time Out for Television

A $37,500 Ford Foundation grant received recently by the University will allow more departments to release staff members for television broadcasting, Sheldon Goldstein, radio and television program director, said.

THE $37,500 three-year grant will be used to reimburse departments for the expenses involved in releasing staff members from class work. The grant will wholly reimburse departments for next year's expenses, according to Goldstein.

(The University telecasts programs between 9 and 10 p.m. five days a week over KTCA-TV, Ch. 2.)

The departments thus far have absorbed the expenses themselves. Faculty members are usually excused from between one and three classes during the time they are doing a TV series, Goldstein said.

THE MINIMUM requirement for the grant is that the University spend at least $2500 a year for television broadcasting. The University spent several times that amount last year, Goldstein said.

New Books Available Now in U. Library Upson Room

The following new books are now available in the Arthur Upson room of the Library:

"I Like It Here," Kingsley Amis; "Only a Trillion," Isaac Asimov; "Good Housekeeping Book of Home Decoration," Mary L. Brandt; "Early Sites of Christianity," Kurt Emmrich; "Esquire Cartoon Album;" "Afternoon of an Author," F. Scott Fitzgerald; "Peter Freuchen's Book of the Seven Seas," Peter Freuchen; "The White Witch," Elizabeth Goudge; "My Brother's Keeper," Joyce Stanislaus; "Subways are for Sleeping," Edmund G. Love; "Voltaire in Love," Nancy Mitford; "The Midnight Plumber," Maurice Procter; "Great World Mysteries," Eric Frank Russell; "The Weather of February," Hollis Summers; "Eloise in Paris," Kay Thompson; "A Hand Book of Jazz," Barry Ulanov; "A Bit Off the Map and Other Stories," Angus Wilson.

Also in the Arthur Upson Room are "More Light on the Dead Sea Scrolls," Millar Burrows; "Murder on Trial," Michael Underwood; "The Lunts," George Freedley; "A Weekend in the Middle of the Week," Oliver St. John Gogarty; "Inside Russia Today," John Gunther; "Pay the Two Dollars," Alexander Rose; "Time and the Hour," Howard Spring; "Anatomy of a Murder," Robert Traver; "The Education of a Poker Player," Herbert O. Yardley.

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Daily 'Foreign' Correspondents Report

By TODD HUNT

(Ed. Note: Todd Hunt, next year's Daily city editor, is working this summer as publicity chairman for Camp Lake Hubert. His report on other University students at Camp Hubert follows.)

BRAINERD, MINNESOTA — During the year, most university students confine themselves to their studies and a part time job. Come June, however, there are some who become sailor, woodsman, teacher, big brother or sister, archer, tour leader, drill sergeant, cook and story teller all rolled into one.

They're summer camp counselors—some for the first time, but many for their second, third or fourth year. Many are education majors who like to work with kids, but there are many who do it just because they think it's fun.

Though the responsibilities tend to outweigh the monetary remuneration, counselors who don't receive their rewards and satisfaction from working with youngsters are few and far between.

SEVERAL MINNESOTA students, for example, are employed by the Lake Hubert Minnesota Camps near Brainerd, in the heart of the state's lake-studded summer vacation region.

There are seven camps in all: a boys' and girls' "prep" camp for youngsters under 12, "upper" camps for older campers, counselor training camps for boys and girls, and an athletic camp.

At the athletic camp associated with Camp Lincoln for boys, Gophers Tom Moe and Mike Wright are among the half-dozen counselors. They don't have to treat homesickness or refusal to eat, but they do have lots of questions to answer.

All that their counselors know and tell them about sports is just barely enough for the 30 athletes who attend the athletic camp during each of the two 4-week sessions.

They spend a greater part of every day on the athletic field, learning the fundamentals from Moe, Wright and other outstanding college players. Dinnertime and bedtime conversations usually concern sports.

And occasionally training for the major sports gives way to participation in minor ones strictly for recreation. Swimming, horseback riding, sailing, softball, tennis, golf, riflery, badminton, horseshoes and ping pong are all available.

BUT THE TYPICAL counselor is the one who is responsible for a cabinfull of peppy, inquisitive little campers who inevitably want to participate in every activity at once and who could cause all sorts of grief and injury to themselves and their surroundings without the proper guidance.

From the moment the first bus of campers pulls into the camp until the last one disappears in a cloud of dust a month later, the counselor has his hands full. An occasional night off is as wonderful as shore leave for a sailor on the Nautilus.

Tom Moe, U footballer, instructs athletes.
Counselor's duties include tackling practices.

* * *

How does one get to be a counselor? The usual first contact is a friend or an advertisement in the college paper. When the counselor is hired and signed to a contract, he begins to gather a file of material from his employer and from his own work.

Then — when final exams are over — the counselor is off and away for camp. Standard equipment includes: ukelele, insect bomb, tennis racket, bermudas, alarm clock, flashlight, pillow, suntan lotion, stationary and a repertoire of stories.

Preparation for the arrival of campers varies at different camps. At the Lake Hubert Minnesota Camps, all directors and counselors have a five-day training period whether they're new or old hands. (Several employes have been with the camps for over ten years.)

THE TRAINING PERIOD is not concerned mainly with getting the physical aspect of the setup rolling. That's been taken care of for several weeks before opening by the maintenance crew.

Through lectures, demonstrations and participation in typical activities, the counselors learn everything they will be doing with the campers. Often the case is they learn first themselves (especially the counsellor from Texas who has never ridden a horse and the counselor from Minnesota who doesn't know how to swim) and then they learn how to teach the same activity to their charges.

But the training session goes beyond instruction. The purpose and philosophy of the camp is slowly absorbed by the counselors. By the time camp opens officially, they feel like a part of the camp instead of just an "employe."

And when Johnny Smith, age 10, of Peoria arrives, his counselor is one step ahead of him psychologically, though the kid probably doesn't realize it. The counselors and directors have talked over the usual problems: bed wetting, homesickness, refusal to eat everything, insubordination, bedtime, faking illness to avoid cleanup, slowpokes.

And they're ready to make sure their campers learn good table manners, good health habits, responsibility, dependability, comraderie, poise and better attitude.

Pete Vaill checks launching
He's sailing director at Camp Lincoln.

AT CAMP LINCOLN, the first camp commandment is "I am third." (God is first; others are second; I am third.)

Arrival day is the longest day of the counselor's year. Parents and Greyhound bus drivers bring kids in by the droves. Second-timers look the grounds over to see if anything has changed, while first-timers wonder if they dare stay.

When a campfire and a bedtime story bring the first day to a close, counselors sigh a breath of relief.

The second day a pattern begins to emerge. Flag raising, rest hour, cleanup, activity period, general swim and letter-writing hour are daily rituals. And through it all, every camper wants to hold his counselor's hand or ride piggyback.

Anyone who thinks "rest hour" is for the campers ought to take

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By JUDY MONA

Ed. note: Judy Mona, Daily news editor-elect, is attending the University of Oslo Summer School this summer on a scholarship. The following is her report of the "summer merry-go-round" at Oslo.)

OSLO, NORWAY—As University students tossed in their sleep last night, 5,000 miles and six time zones away another group of students headed for classes.

THIS SECOND group is the 209 students attending the University of Oslo Summer Session. Representing nearly 20 nations and 13 different colleges and universities, the students give the summer school an international flavor.

This international aspect was not noticeable when the summer session began in 1947, soon after World War II. During war years, many Norwegian students had been educated in the United States, and Norwegians felt they wanted to repay the Americans.

The summer session was the method of repayment they chose. To signify its purpose, it was named the Summer Session for American Students. In 1951 an Institute for English-speaking teachers was added, and this year a seminar on Norwegian Industries was established.

Although the course offering has increased and the students have become international, not just American, the purpose of the session has not changed. It remains this—to teach the position of Norway as a small European nation today.

COURSES ALL ARE based on this idea, and aim to relate Norway to the rest of the world. Instructors try, for example, to show how Norwegian literature or history have developed as part of world literature and history.

In many ways, the summer session resembles summer school in the United States. There are credit hours, midterm and final exams and assignments.

But to American students the summer session is a new experience. Mimeographed lecture notes, outlining or summarizing the lecture to be given, are handed out daily in most classes.

Classes are small, running from about 10 to 30 students. Instructors are able to take an interest in students as individuals.

THIS IS EVIDENCED in various ways. The instructors may offer to spend extra time discussing Norwegian affairs with students, or propose a trip to a museum or exhibit. Or they may, as one professor did, invite classes to their homes for a garden party complete with refreshments and dancing.

Extracurricular activities play an important part in school life at Oslo as elsewhere. Most important is the formation of a senate, a yearbook staff and a soccer team.

To fill the long, light evenings—the sun really never quite sets in Oslo in June and July—other activities are arranged. Once a week an international night is held, where students from different countries tell about their culture and national problems.

Another activity designed to help students get acquainted with Norway is a battery of trips. These include three orientation trips around Oslo, a bus trip, a streetcar trip to Holmanhollen, the world-famous ski jump, and to a group of museums including Viking trips and the Kon Tiki raft.

TWO LONGER TRIPS take in Norwegian resort areas. Other extra activities for students included a Fourth of July reception at the American Embassy, concerts, and a hike to an old mountain dairy, which serves sour cream porridge.

The physical setup of the University of Oslo is somewhat unique. Oslo, like the University of Minnesota, is split up, with the old university buildings located in the heart of downtown Oslo, the science buildings about a ten-minute ride away and the library in still another location.

Summer session classes are held on the science campus. The buildings are of red brick and none of them are more than 15 years old. A few cottages used for storage and mimeograph facilities are also part of the new campus.

EACH ROOM IN THE main science building is curtained with draw drapes, something seen in few colleges. The building now is being redecorated and repainted in light pastel shades. The main hall and cafeteria have been decorated with colorful murals painted by students or artists, who evidently were enthusiastic about their work. They even painted the light globes.

Most of the summer session students live in a group of dormitories about a block from the science buildings. The dorms are privately owned, since the University of Oslo has no student housing facilities. They are controlled by the University only during the summer.

To many students familiar with dorm life, there are differences in

(Continued on Page 4)

Jim Cline, SLA Junior, Makes Hole-in-One

A University student shot a hole-in-one—on the fly—on the 160 yard fifth hole at University Golf Course Sunday.

Jim Cline, SLA Junior, teed off with a six iron after a twosome already on the green waved him on. The ball dropped into the hole, taking a little turf at the rim.

"If it hadn't gone in, it would have gone 50 yards off the green," said Cline, a low 90s golfer.

Hunt . . .

(Continued from Page 3)

a second guess. It's the counselors who need it.

For a counselor must be ever alert. Each day he must be a little sharper than the day before because his kids are learning fast.

AS THE SEASON progresses, the counselor finds that the boy he considered his "problem child" at the beginning is turning out to be his favorite.

In fact, over a four-week period, the entire perspective seems to change. Compare the departure picture (same parents and Greyhound bus drivers) with the arrival:

Johnny Smith who was timid and wary of his counselor a month ago now hangs on to his "Camp Dad" and tries to hold the tears back. Maybe he takes a quick dash around the camp for a last look at everything.

Johnny's counselor beams with pride, knowing that the Smiths will be amazed at Johnny's improved table manners, his increased ability to get along in a group and the responsibility he has learned from taking care of himself.

But the campers aren't the only ones who have changed. At the end of the first session, counselors find some of the camp training has rubbed off on them. And after succeeding in getting an active group of little 10-year-olds through the summer, the counselor feels he could tackle any kind of job.

Mona . . .

(Continued from Page 3)

these Norwegian dorms. There are no hour regulations. Each student is given a key. There are no telephones or eating facilities.

BUT THE DIFFERENCE in food (the student cafeteria serves whale meat), housing and classes are not as marked as the attitude of the Norwegian people toward students.

Some aspects of this difference in feeling are clearly visible. Students are given special rates on the electric car traveling to downtown Oslo. Rides cost about five cents each. A special travel bureau offers lower rates for European travel. Identification cards admit students free to museums and exhibits.

Harder to pinpoint is the general acceptance of students as mature, responsible individuals. It becomes a privilege to be a student.

This, briefly, is the Oslo Summer School. It is unique in many ways, and well on the way towards a goal cited at the opening session by Dr. Einar Molland, director: "We hope you will leave with a place in your hearts for Norway."

First in Dance Series is Today

The first in a series of four Dance Instruction Parties will be held from 2 to 4 p.m. today in the Union Main Ballroom.

The dances are designed for beginning and intermediate dancers, and will be taught by instructors from Arthur Murray Dance Studio.

The charge is 50 cents.

Faculty Member Assists At University of Chile

Doris Miller, assistant professor in the nursing administration program, left last week for Santiago, Chile, where she will spend two months helping the University of Chile set up a program to improve nursing services in hospitals.

She is being sent by the International Cooperation administration of the United States State department.

Sutherland Trio Slated For Union Patio Party

Jim Sutherland and his Trio will play for two hours starting at 8 p.m. Wednesday at the Patio Party on the Terrace of Coffman Memorial Union.

The Game Room, Billard Room and Bowling Alley will be available in addition to dancing.

Midnight Performance Scheduled for 'Gaslight'

A special midnight performance of "Under the Gaslight" will be presented Friday on the Centennial Showboat.

Curtain time will be 11:30 p.m. Tickets at $2 may be obtained at the Scott Hall Box Office.

The Showboat will be docked on the East river bank behind University Hospitals.

Official Daily Bulletin

Tuesday, July 29, 1958
Vol. 60 No. 13

ALL STAFF AND STUDENTS

● Civil Service Vacancies

The following full-time vacancies exist in the University Civil Service as of July 25, 1958. Interested applicants may obtain additional information at Room 17, Administration Building. Employees are invited to inquire about promotion opportunities. Any full-time Civil Service positions open to students are listed with the Student Employment Bureau, 153 TSF. In the listing below, the symbol (M) refers to Male and (F) to Female.

ENGINEERING-MECHANICAL	
General Mechanic (M)	$342-$416
CLERICAL-SECRETARIAL	
Clerk-Typist (F)	$213-$260
Clerk Stenographer (F)	$231-$281
Principal Account Clerk (F)	$356-$433
Principal Secretary (F)	$316-$385
Secretary (F)	$270-$329
Senior Clerk (F)	$250-$304
Senior Clerk-Typist (one Trainee at $231) (F)	$260-$316
Senior Secretary (F)	$292-$356
SCIENTIFIC	
Assistant Scientists (M, F) Hormel Institute	$468-$569
Junior Scientist (M, F)	$385-$468
Laboratory Technologist (M, F)	$342-$416
PROFESSIONAL-ADMINISTRATIVE	
Assistant to the Director of Student Union (M)	$416-$506
Collections Representative (M)	$356-$400
General Staff Nurse (F)	$304-$370
Head Residence Hall Counselor (M) (Start Sept. 1)	$356-$433
Junior Librarian (M, F)	$370-$450
Librarian (M, F)	$400-$487
Occupational Therapy Assistant Supervisor (F)	$400-$487
Operating Room Nurse (F)	$316-$385
Senior Bookstore Manager (M) (Duluth Branch)	$416-$506
Senior Social Worker (M, F)	$433-$526
Speech Pathologist (F)	$416-$506
Student Pharmacist Supervisor (M)	$416-$506
Student Technologist Supervisor (F)	$385-$468
SPECIAL SERVICES	
Assistant Gardener (M)	$270-$329
Building Caretaker (M)	$260-$316
Custodial Worker (F)	$197-$240
Dental Prosthetic Technician (M)	$385-$468
Food Service Supervisor (F)	$250-$304
Food Service Worker (F)	$197-$240
Hospital Aide (F)	$213-$260
Hospital Housekeeper (F)	$316-$385
Hospital Janitor (M)	$260-$316
Hospital Orderly (M)	$250-$304
Housekeeper (F)	$270-$329
Laboratory Attendant (F)	$197-$240
Laboratory Technician (F)	$240-$292
Occupational Therapist (F)	$342-$416
Photographer (M)	$370-$460
Plant Supervisor, Rosemount Research Center (M)	$468-$569
Practical Nurse (F)	$250-$304
Principal Food Service Supervisor (F)	$329-$400
Residence Hall Proctor (F)	$213-$260
Senior Physical Therapist (M, F)	$370-$450

● Daily Recreational Activities

Tuesday, July 29

Union Group Instruction in Photography and Jewelry (Copper Enameling and Silver).
1:00-3:00 p.m. Art Craft Studio, Coffman Union

Union Dance Instruction Party.
2:00-4:00 p.m. Main Ballroom, Coffman Union (50 cents per lesson.)

Educational Films: Area—Communications. Films—**Window on Canada** and **Production 5118.**
3:00 p.m. Museum of Natural History Auditorium

Recital by Belva Boroditsky, Soprano (Runnerup in the 1958 Upper Midwest Metropolitan Opera Regional Auditions).
8:00 p.m. Northrop Auditorium

University Theater: **Under the Gaslight** on the Minnesota Centennial Showboat.
8:30 p.m. Moored on the River Flats below Coffman Union (Individual Showboat tickets will be $1.25 for matinee, $2.00 for evening performances. Individual tickets for "Under Milkwood" will be $1.25. Box office, lobby of Scott Hall.)

Wednesday, July 30

Newsreel Theater.
12:00 Northrop Auditorium

Union Group Instruction Woodworking.
1:00-3:00 p.m. Art Craft Studio, Coffman Union

Excursion to Betty Crocker's Kitchen.
2:00 p.m. Administration Building (Limited to 25 people. Chartered bus tickets must be purchased in advance at the Information Desk, Coffman Union. Leave from the 17th Avenue entrance of the Adminisrtation building.)

University Theater: **Under the Gaslight** on the Minnesota Centennial Showboat.
2:30 p.m. Moored on the River Flats below Coffman Union (Individual Showboat tickets will be $1.25 for matinee, $2.00 for evening performances. Individual tickets for "Under Milkwood" will be $1.25. Box office, lobby of Scott Hall.)

Country Club Patio Party. Informal dancing, entertainment, marshmallow roasting and a variety of activities all evening.
7:00-10:00 p.m. Coffman Union

Feature Film: **The Quiet Man.** An American re-release in color starring **John Wayne and Maureen O'Hara.**
8:00 p.m. Northrop Auditorium (Summer Session students admitted upon presentation of fee statement. University staff member admission 50 cents.)

University Theater: **Under the Gaslight** on the Minnesota Centennial Showboat.
8:30 p.m. Moored on the River Flats below Coffman Union (Individual Showboat tickets will be $1.25 for matinee, $2.00 for evening performances. Individual tickets for "Under Milkwood" will be $1.25. Box office, lobby of Scott Hall.)

Thursday, July 31

Union Group Instruction in Ceramics.
1:00-3:00 p.m. Art Craft Studio, Coffman Union

Archery Clinic for Beginners. Conducted by Dr. Marjorie U. Wilson. Open to both men and women.
2:00-3:00 p.m. 60 Norris Gymnasium

Rod Aaberg's Fifteen-Piece Jazz Orchestra.
8:00 p.m. Northrop Auditorium

University Theater: **Under the Gaslight on the Minnesota Centennial Showboat.**
8:30 p.m. Moored on the River Flats below Coffman Union (Individual Showboat tickets will be $1.25 for matinee, $2.00 for evening performances. Individual tickets for "Under Milkwood" will be $1.25. Box office, lobby of Scott Hall.)

Friday, August 1

Excursion to the State Capitol and Minnesota Historical Society Museum.
1:45 p.m. Administration Building (Leave the 17th Avenue entrance of the Administration building. No tickets necessary. Trip held by public transportation.)

University Theater: **Under the Gaslight on the Minnesota Centennial Showboat.**
8:30 p.m. Moored on the River Flats below Coffman Union (Individual Showboat tickets will be $1.25 for matinee, $2.00 for evening performances. Individual tickets for "Under Milkwood" will be $1.25. Box office, lobby of Scott Hall.)

Country Club Dance.
9:00-12:00 p.m. Terrace, Coffman Union (Summer Session student and one guest admitted for 10 cents upon presentation of fee statement.)

ALL STUDENTS

● Law School Admission

The Law School Admission Test required by some Law Colleges, including the University of Minnesota will be given from 8:45 to 1:05 p.m. on Saturday, August 2, 1958 in room 101 Wesbrook Hall at the University of Minnesota.

Only students who have made application to the Educational Testing Service and received a "Ticket of Admission" are permitted to take the examination. Students with questions concerning this may call Ext. 585.

GRADUATE STUDENTS

● Language Tests

The attention of graduate students is called to the fact that the day set aside in the second summer quarter of 1958 for taking the language test required of candidates for advanced degrees is Thursday, July 31, 1958. Students who are repeating the language test are required to present a receipted $5.00 fee statement before being admitted to the examination.

The French and Spanish examinations are mainly oral but they are preceded by a brief written test on basic elementary material to determine eligibility for the oral examinations. The written test begins promptly at 1:30 p.m. in Room 200 Folwell Hall.

The German test is written and starts promptly at 2:00 p.m. in Room 301 Folwell Hall .

The proper forms for the examination may be obtained from the Graduate School Office, 316 Johnston Hall.