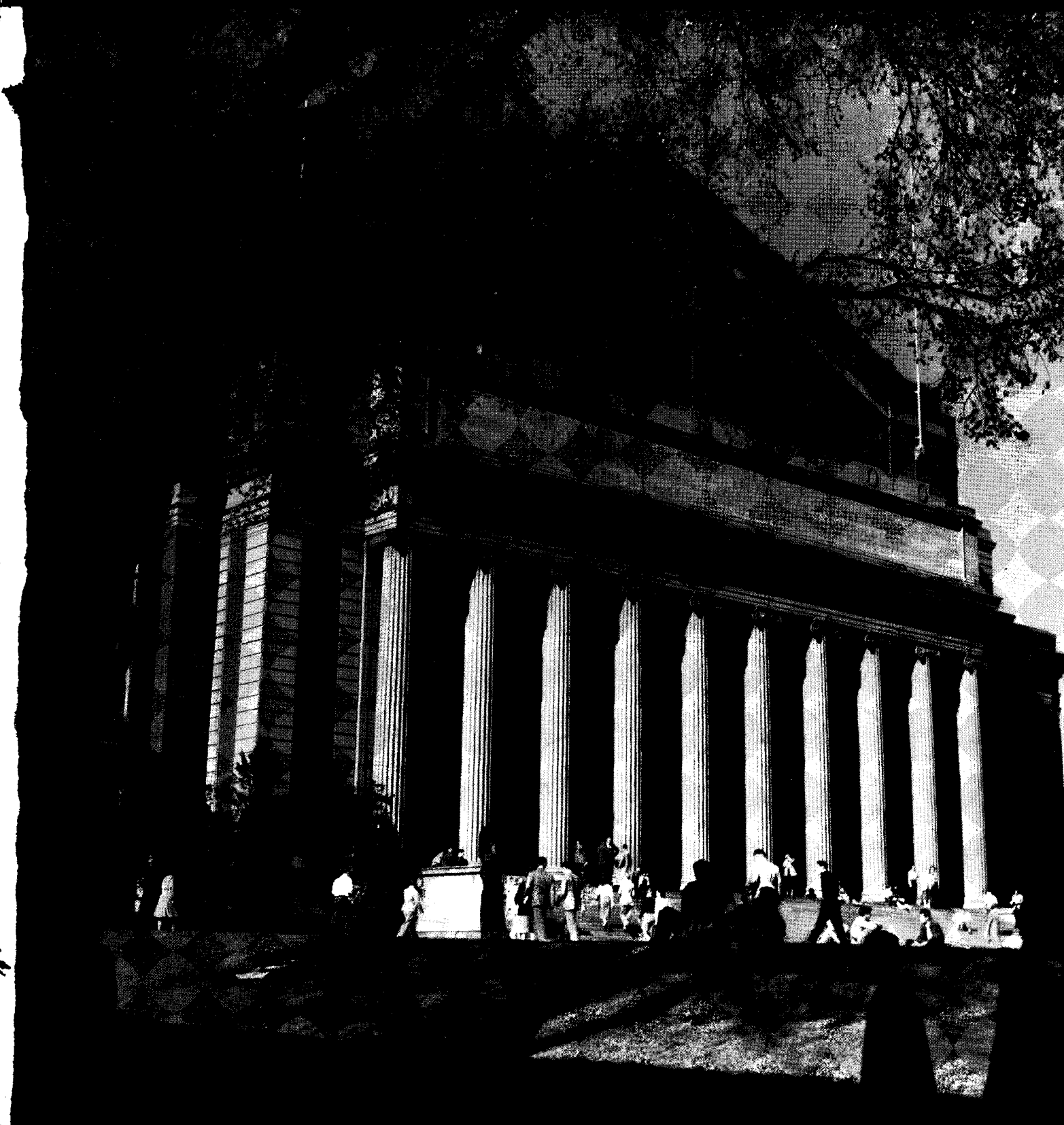


THE MINNESOTAN

Published for Staff Members of the University of Minnesota



VOLUME II

October 1948

NUMBER 1

OCTOBER 15 TO NOVEMBER 15

The University of Minnesota Calendar of Events

CONCERTS: MINNEAPOLIS SYMPHONY ORCHESTRA (Northrop Auditorium)

Oct. 22—Gala Opening Concert. 8:30 P. M.
Oct. 30—Wagner Program. 8:30 P. M.
Nov. 5—Seymour Lipkin, Pianist. 8:30 P. M.
Nov. 12—James Melton, Tenor. 8:30 P. M.

CONCERTS: UNIVERSITY ARTISTS COURSE (Northrop Auditorium)

Oct. 27—Orchestre National, Charles Muench, Cond. 8:30 P. M.
Nov. 11—Ezio Pinza, Bass-Baritone. 8:30 P. M.

MASTER PIANO SERIES (Northrop Auditorium)

Nov. 17—Guiomar Novaes. Schumann, Bach Recital, 8:30 P. M.

LECTURES

(Museum of Natural History Auditorium)

Nov. 7—"Along Hennepin County Nature Trails." 3:00 P. M.
Nov. 14—"Can You Name the Ducks in Your Game Bag?" 3 P. M.

SIGNIFICANT UNIVERSITY BROADCASTS

KUOM. 1:00-1:50 P. M. Ben W. Palmer, lectures on Business Law. Every Monday, Wednesday, Friday.
4:00-4:15 P. M. Alburey Castell, Invitation to Read. Every Monday.
4:00-4:15 P. M. Your Child and You. Every Tuesday.
2:30-3:15 P. M. Afternoon Concert. Every Monday through Friday.
4:00-4:15 P. M. American Folklore. Every Friday.
1:00-1:30 P. M. World Affairs Today. Every Thursday.

CONVOCATIONS (Northrop Auditorium 11 a. m.)

*Oct 21—Gilbert Brighthouse. "The Quest for Maturity."
*Oct. 28—Lisa Sergio. "A World's Eye View of Ourselves."
*Nov. 4—Robert Aura Smith. "Divided India."

EXHIBITIONS

(University Gallery, Northrop Auditorium)

To Nov. 5—Tools and Materials of the Artist.

UNIVERSITY PRESS PUBLICATION DATES

Oct.—"Parables for the Theatre." Bertolt Brecht. Translated by Eric and Maja Bently.
Oct.—"Magna Carta, Its Role in the Making of the English Constitution, 1300-1629." Faith Thompson.
Oct.—"An American Engineer in Afghanistan." Edited by Marjorie Jewett Bell.

ST. PAUL CAMPUS ARTIST SERIES

(Auditorium, Administration Building, St. Paul Campus)

Nov. 1—Gunnar Knudsen, Violinist. 8:00 P. M.

UNIVERSITY THEATRE (Scott Hall Auditorium)

Oct. 22, 23, Oct. 25-31—8:30 P. M., Oct. 31—4:00 P. M.
"Of Thee I Sing."—Kaufman, Ryskind, George and Ira Gershwin.
Nov. 5, 6, Nov. 8-14—8:30 P. M., Nov. 14—4:00 P. M.
"A Dream Play."—August Strindberg.

FOREIGN FILM SERIES

(Northrop Auditorium, 4:00 and 8:00 p. m.)

Nov. 3—"To Live in Peace," Italian film with English subtitles.
Nov. 15—"Children of Paradise," French film with English subtitles.

ATHLETIC EVENTS

(Football games at Home)

Oct. 16—Illinois, 2:00 P. M.
Oct. 23—Michigan, 2:00 P. M.
Oct. 30—Indiana, 2:00 P. M. (Homecoming).
Nov. 6—Purdue, 2:00 P. M. (Dad's Day).

* Also broadcast over KUOM.

The Minnesotan is published during the academic year by the Department of University Relations, University of Minnesota. Copies are mailed free of charge to University staff members. Subscription rates for those on the staff are \$2.00 a year, 25c an individual copy.

COPIES ARE ON SALE AT THE UNION BOOK STORE

Photographs throughout this issue of The Minnesotan were taken by the University Photographic Laboratory.

New College for New Needs . . .

SPECIAL PROGRAM GIVES WIDE GENERAL EDUCATION

WESTBROOK hall, one of the older buildings on the Minneapolis campus, houses the newest addition to the University's 14 colleges.

Established in 1932, the General college has filled an important need in the University's educational program. Horace T. Morse has been dean since 1940, when he succeeded Dean Malcolm S. MacLean, who founded the college.

"Our General college," explains Dean Morse, "is part of the new movement toward general education—a swing back from specialization

and standardized courses. We are working toward a unity of education which will prepare people for their common pursuits."

The General college curriculum, by the same token, also is built to help students become more effective and live more satisfying personal lives, as well as be better citizens in the community.

Courses are different from the traditional liberal arts sequence offered in Science, Literature and the Arts. In General college, for instance, students who take Problems of Contem-

Claude W. Grant, Cornelia D. Williams, Mary R. Anderson, Francis C. Gamelin and Harold Richardson—all of the counseling staff—enjoy an informal discussion.

porary Society find the study broad in scope, with emphasis placed upon relationships within and among fields of knowledge. As most of the students in General College take a four-year program, courses are freed from serving merely as introduction to later, more specialized study in the same field.

THE General college program is set up as a complete two-year program, leading to an associate in arts degree. Relatively new in the field, the "associate" degree is given by junior colleges and by Universities such as ours which have an integrated two-year program.

The new program of studies offered in General college is valuable especially for several groups of students who enter the University. Those who do not know exactly what their plans are for the future are

Continued on page 15



The social sciences faculty pose for a group picture. Shown are, left to right, George H. McCune, Wilfred O. Stout, Norman Moen, Richard Swanson. Harold P. Winchester, Robert Prestemon, Herbert Johnson and Alvin C. Gluek.

You're Welcome!

HERE ARE TIPS FOR NEW STAFF

WE'D like to welcome Academic and Civil Service staff members who have joined our University family during the summer months.

There are many privileges that go with working for the University, special benefits about which we'd like to tip you off.

First of all, there's the group hospitalization plan. Then there's S.E.R.A. —the State Employees' Retirement Fund—for Civil Service staff members. For Academic staff, there is a combined insurance and retirement plan. All of these programs are under the direction of Ray F. Archer, director of Insurance and Retirement. His office is room 406 Administration Building, Minneapolis campus. The telephone extension is 6383. Pamphlets describing each of these plans have been published, and Mr. Archer is the man to give you any additional information about how these benefits affect you and your family.

SOME members of the University staff choose to pay \$20 a year for Health Service privileges, including a yearly, complete physical examination, dental care and treatment by specialists. If you're interested, contact Glen Taylor, Health Service business manager, about joining this plan.

There may be an emergency illness in your family some day. You don't like to think about such things happening, but in case you're faced with the problem, it's good to know that the University has a Staff Loan Fund set up from which you can get the money to tide you over. Information about terms and application blanks

are available in the Comptroller's office, 303 Administration, Minneapolis campus.

In case of an accident to yourself, there's Industrial Commission protection. Mr. Archer has booklets available telling the details of this plan.

Another less businesslike benefit of being at the University is your opportunity to attend symphony concerts, athletic events, the Artists Course, the Master Piano Series and all the other almost countless lectures

and programs of one kind or another. Many of these programs are offered without charge, and for many others staff members get special ticket rates. Watch the Minnesota Daily, and The Minnesotan for news of these entertainment features as they come up.

Of course, these things we've told you about are only a few of the advantages of working here. Each staff member has his own specialized job, but you'll find the comradely and cooperative air on all three campuses hard to beat.

Echoing that spirit, The Minnesotan would like to join the other members of your departments in telling you that we're glad to have you with us!

REGENTS RECESS FOR PARTY



EVEN University presidents have birthday parties, but it isn't often that you can surprise them by the celebration.

The Board of Regents did just that to President Morrill on September 24, however. It was the day of their regular meeting and the President's birthday, but nothing was said until their luncheon dessert was brought into the dining room. It was

a huge, decorated cake revolving on a music-box plate which tinkled out "Happy Birthday to You."

That was the Regents' cue to stand and sing themselves. When things quieted down, Board Chairman Fred B. Snyder congratulated the President on his 57th birthday. Then President Morrill, after a word of appreciation, was put to work cutting the cake into equal pieces.

RECOGNITION MEDALS AWARDED THREE

Pierce, Wilson, Will Honored by 'U'



Receiving his "Builder of the Name" medal from President J. L. Morrill is E. B. Pierce, left. H. W. Wilson and Dr. William W. Will, winners of "Outstanding Achievement" medals, look on.

GOLD medals were awarded to three distinguished University alumni at the annual Alumni Day dinner last June.

The "Builder of the Name" medal was presented to E. B. Pierce, retiring field secretary and director of alumni relations, and "Outstanding Achievement" medals were awarded to H. W. Wilson, president and founder of the H. W. Wilson company, and Dr. William W. Will, veteran general practitioner at Bertha, Minnesota.

Mr. Pierce—known as "E. B." to literally thousands of University alumni and staff—worked at the University continuously since his graduation in 1904, a total of 45 years. He was registrar from 1905 to 1920 and then alumni relations director until his retirement this June.

Mr. Pierce was the second person ever to receive the "Builder of the Name" medal, established for presentation to those who have assisted materially in the building and development of the University.

Presented for the first time at the Alumni Day dinner, the "Outstanding Achievement" medals were authorized as awards to former students of the University who have achieved signal success.

Mr. Wilson is especially known as the originator of the Cumulative Book Index, now used in libraries all over the world. Dr. Will was recently nominated by the Minnesota State Medical association for the American Medical association's award for an outstanding general practitioner.

Food for thought

University Meals Are Cheap, Good

LOOKING for a good meal at a reasonable price? Everyone is these days, and whether you want a sandwich or a seven course dinner, a good place to get it is one of the University's own Food Service eating places.

On the Minneapolis campus, you have a choice of six food centers. In Coffman Union, the Gopher Grill and the Gopherette serve sandwiches and soda fountain specialties. Soups, sandwiches and desserts are available in the commuters' lunchroom to supplement a homepacked lunch. Breakfasts, lunches and dinners may be

purchased in the Union cafeteria.

Shevlin Hall and the Annex also have cafeterias and places to eat lunches brought from home.

The Duluth Branch has one large cafeteria in Torrance Hall.

On the St. Paul campus, the cafeteria, as well as the Union's fountain and game room snack bar are kept busy by staff members and students.

All the University food services function as self-sustaining Service Enterprises. Prices are based on food, payroll and overhead costs, with no attempt to make a profit.

GROUP HOSPITALIZATION

University Staff Plan Extended for Greater Benefits

THE University's Group Hospitalization Service celebrated its tenth anniversary this fall by adding an impressive list of increased benefits.

These increased benefits are available to all staff who are members of the hospitalization plan and include more services for your dependents, as well.

Both Academic and Civil Service staff may take advantage of this plan for the new yearly premium of \$12 (an increase of \$3), or a premium of \$24 including dependents (an increase of \$6).

The maximum single claim for any one hospitalization period has been raised from \$240 to \$350 under the newly adopted plan.

REGULAR members may claim up to 60 days a year hospitalization, and dependents also get 60 days, instead of the 30 they were entitled to previously.

The board and room allowance for both members and dependents has been raised to \$5 a day. Formerly, \$4 was allowed for members and up to \$3 for dependents.

As before, hospital services such as operating room, anesthesia when administered by a salaried employee of the hospital, surgical dressings and drugs all are provided in the contract. Where formerly there was an \$8 allowance for serums, intravenous solutions and liver extracts, the contract now covers the entire cost.

The hospitalization plan also pays for all laboratory service. Previous-

ly, the first \$8 and 25 per cent of costs over that figure was taken care of by the contract.

X-ray service under the new terms is covered by the hospitalization policy up to \$15, whether the injury be the result of an accident or any other cause.

Electrocardiograms and basal metabolism tests, formerly 50 per cent covered, are paid for entirely under the expanded hospitalization plan. The costs of other special services, taken care of up to \$25 under the old contract, now are covered completely.

TREATMENT for tuberculosis, nervous and mental diseases, formerly limited to 10 days in any one contract year, now has been extended to 30 days.

Payments for maternity cases for both members and dependents have been raised to include \$3.50 a day for board and room, as well as one-half of other regular costs. Maternity cases are not eligible until 10 months

after a member joins the hospitalization plan.

On its tenth birthday, the University's Group Hospitalization Service extended benefits will serve 3,100 staff members and 3,300 of their dependents—a total of 6,400 people protected by the plan for the coming year.

DURING its 10 year history, the hospitalization service has paid 5,881 claims for a total of \$215,052.11. During this past year a high of 692 claims for \$34,230.19 has been paid.

Actively responsible for the entire plan and the repeatedly increased benefits is a committee of University staff members who have worked steadily throughout these ten years to improve the service. Members are William T. Middlebrook, vice-president for Business Administration; Raymond M. Amberg, superintendent of University Hospitals; Wallace Blomquist, assistant to the supervising engineer; Wilbur Cherry, professor, Law School; John O. Christianson, director of Agricultural Short Courses; and as secretary and ex-officio member, Ray F. Archer, director of Insurance and Retirement.

MR. Archer has leaflets and detailed information about the Group Hospitalization Service in his office, 406 Administration, Minneapolis campus. He also will answer any individual questions you may have about the plan. His extension is 6383.

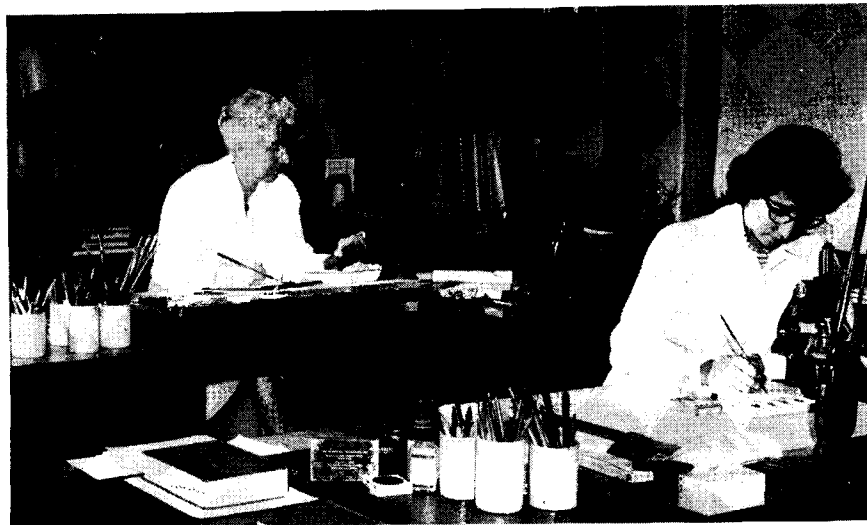
ORCHIDS TO

Dean Marcia Edwards, of the College of Education, Professor Ralph G. Nichols, head of the Department of Rhetoric, and their committees.

**The Minnesotan
Tells Why On Page 6**

Staff Members of the Month . . .

Medical research backed up by illustrators' skill



Seated at their drawing tables are Jean Hirsch and Virginia Moore. Miss Hirsch is shown sketching a specimen, while Miss Moore is drawing cells shown by her microscope.

A JOB requiring millimetric precision on the one hand and imagination and ability to tell a story by drawings on the other—that's the best definition of a medical illustrator's occupation that Jean Hirsch, head of the University's Medical Art shop can give.

And it's about the only way you can describe the work done in this Service Enterprises department by Miss Hirsch and her two assistants, Virginia Moore, artist, and Louise Marshall Follett, junior medical illustrator.

Each project is different and offers a new challenge to their skill. Often surgeons ask that sketches be made while they do unusual operations. Other times procedures and findings may be drawn partly from descriptions by the surgeons, partly from photographs and sometimes also by the study of specimens.

Staff members of the Medical Art shop may make graphic presentations of statistical material, may draw from microscope slides or may work right at the bedside of a patient. Some drawings are made in lantern slide form for lectures and meetings.

The bulk of the department's work is for publication either in medical or allied textbooks, or for use as illustrations in scientific journals.

All of these jobs for the Medical school and its departments are helping advance the cause of science by showing new developments in medicine and surgical technique for the benefit of students and scientists alike.

Art work is done for non-medical University departments, too. And it's in the Art shop that all diplomas are hand-lettered.

As you might imagine, one doesn't

become skilled in medical art work except by a good deal of training combined with just about as much ability. There are but six schools for teaching medical illustration on this continent, and only about 100 practicing medical illustrators.

Miss Hirsch herself is a founder member of the Association of Medical Illustrators and studied under the famed Max Broedel at Johns Hopkins University.

University REMINISCENSES

STUDENTS could attend the University for \$124 a year in 1867—and 72 did.

About the only costs were room and board because the tuition was free. You can find these facts in the University bulletin of 1867—the earliest one on record in the Library archives.

The bulletin mentions that five instructors with two student assistants were the entire faculty in that year.

Besides the free tuition in 1867, the University provided the student with "rooms in the building, furnished with a stove, bedstead, washstand, table, book case and chairs for \$4 a term.

"Board will cost \$3 to \$4 a week," the bulletin reported.

THE student soldier statue opposite the entrance to the Armory was placed there to honor the 218 University students and alumni who served in the Spanish-American War.

Theo. Alice Ruggles-Kitson, a well-known woman sculptor, fashioned the bronze monument. The statue itself stands nine feet high and rests on a six foot green granite pedestal.

The entire cost of the memorial was paid by donations.

Staff Party Planned

YOU staff members who enjoy folk dancing, or who want to try out this popular recreation, have a treat in store.

There's going to be a big folk and square dancing party on October 21, Thursday evening, at 8 o'clock, just for staff members, their wives, husbands and friends. It will be held in the Coffman Union game room.

Ralph A. Piper, associate professor of Physical Education and Athletics, will be in charge of the evening's entertainment and will teach the group the dances. During breathers in the party, there'll be cokes available.

Folk and square dancing demands quite a bit of agile footwork, so Mr. Piper suggests that the women will have a better time if they wear low-heeled shoes.

This evening's entertainment is for all Academic and Civil Service staff members. Everyone is invited to bring a guest. The charge is \$.25 a person—just enough to cover expenses.

Because so many staff people have asked for parties of this type and want them to be held regularly, the group present at the folk dancing session will decide when they want to hold the next get-together. We're hoping that you'll want to take advantage of this entertainment program as this is the first time that an all-University party of this type has been undertaken.

At the party, you'll have a chance to meet that staff member who works down the hall, as well as renew old friendships with people you don't have a chance to see very often.

FOLK DANCE WITH FRIENDS

Also, if you have ideas for other possible staff social activities of one kind or another, we'd like to hear them. Several good suggestions have already come to *The Minnesotan*. If you'd like to participate in league bowling, swimming parties, bridge instruction classes or any other program which could be arranged on campus for staff members, write or call Joan Keaveny, Ext. 172, at 213 Administration building. Plans for other activities will be announced through *The Minnesotan* during the next few months.

Minnesotan Starts VOLUME TWO

WITH this issue, *The Minnesotan* begins its second year. There will be eight monthly magazines during this academic year, mailed free of charge to the homes of all full time staff members.

Published by the Department of University Relations, *The Minnesotan* will try to let you know what is happening in departments, schools and colleges. You'll find, as well, stories about research and how the University serves the state.

In addition, each month you can read the latest information about your privileges as a University of Minnesota staff member.

The mailing list for *The Minnesotan* is made up from the official University address cards. Staff members who have not filled out the address cards and therefore are not receiving this magazine may be put on the mailing lists by getting cards from their department office and seeing that the addressed cards are sent immediately to 202 Storehouse by campus or United States mail.

Reader Survey Results

Suggestions for Your Magazine

WE'RE glad to know that you like *The Minnesotan*!

The questionnaires you returned during this summer showed that not only do you approve of the general editorial policy of this monthly staff magazine, but that you have many good ideas about stories you'd like to read in it during this coming year.

Your remarks on the survey show that almost everyone never misses an article telling about the jobs of different departments of the University. The President's Page is something else that everyone reads. Stories about research projects are next most popular. And your answers show that you're always interested in the page giving University staff news.

As a result of your suggestions,

you'll read, in the next few issues of *The Minnesotan*, stories telling about the University Press, the Outpatient department in the University Hospitals, and the Co-Efficients club—just to name a few of your good ideas we've been able to follow up.

This year, too, there'll be more stories telling about the history and traditions of the University because that's what you asked for.

The Gifts and Bequests page has been dropped this year, for the majority of you said in the questionnaires that you usually didn't read it.

For your interest and all of your suggestions, the staff of *The Minnesotan* is grateful. We intend to try to keep the magazine as you have shown that you want it.

Chest Drive Needs Final Push by Staff Members

DONATED your dollars for your annual Community Chest pledge yet?

This year's University quota is \$23,038, and it's up to each and every one of us to see that this worth-while community obligation is fulfilled.

The goal this year is a pledge of one day's pay from everyone. The agencies which depend on the Community Chest for support are facing increased costs, and it's more important than ever that staff members help carry their full share of the load.

Volunteer staff solicitors have gone to every department with pledge cards. If you have not turned in your card please do so at once, and contribute your share to maintaining the vital community services which the Chest supports. If, by any chance, you have not been given a pledge card, contact Dean Marcia Edwards' office, College of Education, 202 Burton hall.

This is the first year that both the Minneapolis and the St. Paul campus have conducted a joint drive. The over-all committee includes Miss Edwards, chairman; Co-chairman Ralph G. Nichols, associate professor, Rhetoric; Gertrude Esteros, instructor, Related Art; Edwin C. Jackson, assistant comptroller; Roy V. Lund, assistant supervising engineer; Keith McFarland, assistant to the Dean, Agriculture, Forestry and Home Economics.

Elio D. Monachesi, professor, Sociology; Milo J. Peterson, associate professor, Agricultural Education; Maynard E. Pirsig, dean, Law School; Myron M. Weaver, assistant dean, Medical Sciences.

October 1948



TWENTY WIN FALL QUARTER

Regents Scholarships Awards

TWENTY Regents' Scholarships have been awarded to full-time staff members this fall. They are entitled to take as many as six credits in fields of study related to their jobs without paying tuition fees or making up time spent away from work.

If you're interested in one of 20 winter quarter scholarships, apply in Room 17, Administration building, Minneapolis campus.

Selection of winners is made by the Civil Service committee.

THE 20 winners for fall quarter are: Ernestine Dullum, secretary, Child Study Center; Lucile M. Engberg, clerk-stenographer, Visual Education; Roger F. Erickson, senior laboratory machinist, Experimental Engineering.

Geraldine Flug, senior clerk, Students' Health Service; Ivie M. Hanson, secretary, Physical Education;

John Kissel, gardener, Botany; Sylvia Kuka, secretary, Art Department; Weltha Jean Logan, laboratory technician, Psychiatry and Neurology; Vera Makiverta, senior librarian, Library.

William Mattox, general mechanic, Hospital Maintenance; Josephine B. Nelson, informational representative, Publications; Agnes Opstad, senior laboratory technologist, Human Serum Laboratory; Lois R. Philippy, laboratory technologist, Pharmacology.

BETTY Jane Reed, clerk typist, Education; Myrua M. Schlager, clerk typist, Civil Service; Alma Scott, junior librarian, Library; Peyton Stallings, production manager, Visual Education; Mary L. Trettal, secretary, Veterans' Affairs; Lucile R. West, clerk-typist, Admissions and Records; Ruth Zink, senior clerk, Admissions and Records.

LAKESHORE SCHOLARS

Itasca station gives resort advantages to staff and students

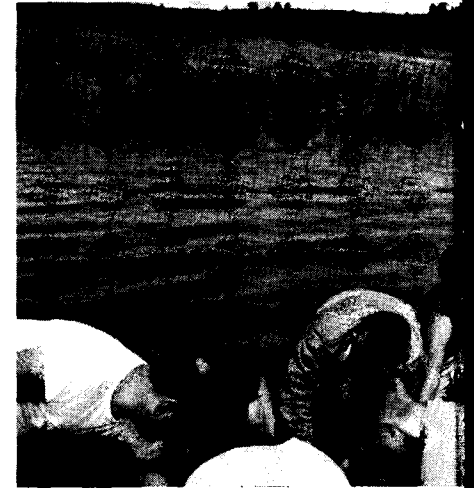
IMAGINE the University as a lakeshore summer resort, surrounded by tall pines.

This isn't as far-fetched as you might think, for the Lake Itasca Forestry and Biological Survey station, one of the

University's many study and research centers, offers resort-style facilities for its students and staff members. The station covers approximately 40 acres in the heart of Minnesota's Itasca State park, has eight cottages for staff mem-



William H. Marshall, A. C. Chandler and H. T. Peters examine a specimen in one of the well-equipped laboratories at the Itasca station.



bers who live on the station, 11 cabins for students, a log dining hall, dispensary, recreation building, shop-warehouse, a foreman's home, boathouse and three laboratory buildings.

BUT in spite of all the scenery, and the opportunity for fishing, swimming, hiking and boating, neither staff members nor students have time for a great deal of recreation. Classes meet from eight o'clock in the morning until five in the evening every day except Sundays, and lights burn in the laboratory buildings until late every night.

Freshmen Forestry students attend the first summer session and biology students the second session. A quarter's work at the station is compulsory for all students taking the wildlife course, but it is also used as a field laboratory for research study in such subjects as wildlife management, and all fields of biology, zoology, conservation and nature study.

Work is conducted by various departments of the Arts college and College of Agriculture, Forestry and Home Economics through the sponsorship of the summer session.

Thorvald Schantz-Hansen, director of the station, estimates that this summer, as usual, approximately half of the stu-



Watching students scoop up specimens after a seining experiment are Samuel Eddy and Thorvald Schantz-Hansen.



Clyde Christianson, Richard I. Evans and Rollo M. Tryon take a look at plants brought in from a field trip.

dents were graduates, and half were undergraduates. About 70 attend each session.

Staff members who taught the first summer session for Forestry students are Henry L. Hansen, assistant professor of Forestry; Randolph M. Brown, associate professor of Forestry; Ralph W. Dawson, assistant professor of Zoology; and Philip Harden, instructor of Entomology.

George W. Burns, professor of Botany at Ohio Wesleyan University, also served on the staff.

Myron Heinselmann and William

Wheeler were teaching assistants for the Forestry summer session.

Samuel Eddy, professor of Zoology; William H. Marshall, associate professor of Economic Zoology; and Clyde M. Christensen, associate professor of Plant Pathology, represented the University academic staff for the second, or biological study, session at the Lake Itasca station.

FROM the Botany department of Rutgers University came Professor Murray F. Buell. Professors A. C. Chandler from the Rice Institute and

Rollo M. Tryon from the Missouri Botanical gardens at St. Louis taught. Other visiting professors were Richard I. Evans from the Department of Botany, University of Wisconsin, and H. T. Peters, from Bemidji State Teachers college.

Bernita Olson and Frances Ottmar, who cooked all the meals for those at the station, were easily the most popular and sought-after people there—a tribute to their good meals.

Year around staff members are station foreman Walter Nelson and his assistant Erick Wallin.



Murray F. Buell helps his equipment-laden field taxonomy students board the Itasca station launch for an all day trip across the lake.



The busy kitchen staff included Frances Ottmar, Bernita Olson, Hally Watkins, Richard Eddy, Sally Watkins, Marilyn Watkins and Barbara Jones.

Service RECOGNIZED

**Forty-seven honored
by certificates
at ceremony**

CERTIFICATES of Merit in recognition of their years of service to the University were awarded forty-seven retiring staff members—26 Civil Service and 21 Academic—at a special ceremony on June 16.

Main speaker was President J. L. Morrill, who praised the staff members for their contribution in the preparation of thousands of useful citizens in the state and nation.

Periods of service to the University completed by those who were honored ranged from 11 years up to 48 years. More than half passed the 25 year mark in service.

After the presentation ceremony, which was broadcast over KUOM, the staff members and their relatives and friends who attended the program were guests at a coffee hour.

Certificates of Merit winners for 1948 and the year they joined the staff follow:

EVERETT Fraser, dean and professor, Law School, 1917; Royal Russ Shumway, assistant dean, College of Science, Literature and the Arts and professor of Mathematics, 1903; Charles Alexander, Civil Service staff member, 1904; Jessie L. Arms, Civil Service staff member, 1922; Leon Eugene Arnal, professor Architecture, 1919.

Joseph Warren Beach, professor



Looking over their Certificates of Merit are Julia O. Newton, Frank Hogland, Cornelia Kennedy and Axel Hansen.

and chairman, Department of English, 1900; Roy Gillispie Blakey, professor of Economics, 1915; Leonard Francis Boon, assistant professor of Civil Engineering, 1921; William Henry Bussey, professor of Mathematics, 1907; John L. Dahl, Civil Service staff member, 1922; Bertha Dahle, Civil Service staff member, 1931; George Myron Damon, clinical professor and assistant dean, School of Dentistry, 1907.

Darrell Haug Davis, professor and head, Department of Geography,

1923; Cecelia Emerson, Civil Service staff member, 1937; Albert Martin Field, professor of Agricultural Education, 1918; Agnes Fleming, Civil Service staff member, 1919; Robert O. Green, clinical professor, School of Dentistry, 1908; Frank Fitch Grout, professor of Geology and Mineralogy, 1907.

AXEL Hansen, Civil Service staff member, 1925; James Martin Hayes, clinical associate professor, Surgery, 1921; Carl Albert Herrick,



A group of friends chat with Emma Zeman, Eleanor Wandtke and Elsie Peterson, shown holding their Certificates of Merit.

professor of Mathematics and Mechanics, 1918; Frank Hoglund, Civil Service staff member, 1931; Christian F. Jensen, Civil Service staff member, 1923; Andrew Kallman, Civil Service staff member, 1916; Cornelia Kennedy, associate professor, Biochemistry, 1908; William Kilgore, Civil Service staff member, 1921.

MIKE Kusnier, Civil Service staff member, 1929; Jens Landro, Civil Service staff member, 1930; Lionel H. Lawrence, Civil Service staff member, 1918; William Carpenter MacCarty, professor of Pathology, Mayo Foundation, 1915; Louis Meier, Civil Service staff member, 1927.

WILFORD Stanton Miller, professor of Educational Psychology, 1916; Oscar B. Nelson, Civil Service staff member, 1936; Julia Olive Newton, associate professor, Agricultural Extension State Home Demonstration Leader, 1919; Grace Moody Patten, Civil Service staff member, 1919; William Leslie Patterson, professorial lecturer, Neuro-



President Morrill shakes Leon E. Arnal's hand while Leonard F. Boon and Darrell H. Davis wait to talk with the President.

psychiatry, 1937; Elsie Petersen, Civil Service staff member, 1930.

Ernest Boynton Pierce, director of Alumni Relations, 1923; Frank Miller Rarig, professor and chairman, department of Speech, 1908; Andrew Sand, Civil Service staff member, 1930; Helena Ulrich, Civil Ser-

vice staff member, 1918; Elsie Vong, Civil Service staff member, 1927; Thomas Walton, Civil Service staff member, 1922; Eleanor Wandtke, Civil Service staff member, 1932; Magdalene Wick, Civil Service staff member, 1930; Emma Zeman, Civil Service staff member, 1933.

Finding a Parking Place Is Still a Problem . . .

MANY of you staff members are having a great deal of trouble in finding a parking place for your cars on campus this fall.

Some of that difficulty, according to C. B. Hanscom, head of Protection and Investigation, can be charged to the forced closing of two Minneapolis campus University parking lots holding a total of over 400 cars. These lots were closed in order to make room for new buildings.

Another part of the problem may be blamed on the fact that this fall over 5,700 cars are driven to the University every day. Parking lots

and garage space can take care of only 3,000.

The only bright spot in the parking picture is the opening of two other lots for University parking. These are at Oak and Washington and at Nineteenth and Fourth.

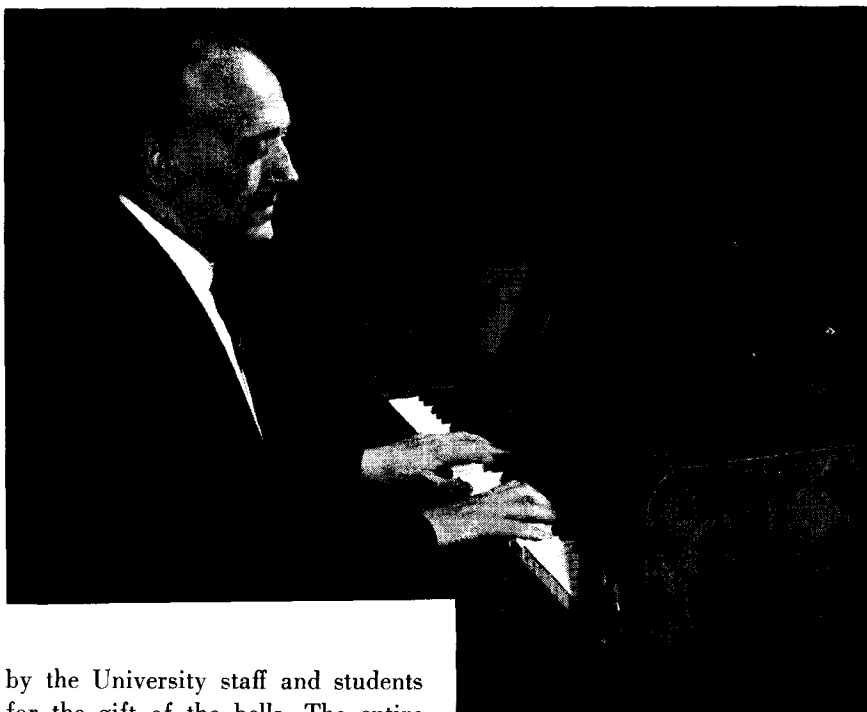
Mr. Hanscom stationed attendants at these recently opened lots last year, but staff members and students didn't park there, so the lots were closed. This year, it looks as if staff members are going to be forced, by the tremendous number of cars being driven to campus, into using even these lots farther from campus.

A partial solution, says Mr. Hanscom, is for staff members to form car pools, thus cutting down the number of automobiles which must be parked.

On Saturdays of home football days, staff members who drive their cars may park them at the regular rate of 10 cents if the automobiles are checked out of the lots before 12:30 a.m. Parkers will have to pay the 35 cent charge when they first come in, but they will be given a blue ticket entitling them to a refund when they leave the parking lots before the game crowd arrives.

**H. Rowatt Brown
gives carillons
to University**

**NEW CHIMES
DEDICATED**



Paul M. Oberg is shown as he rehearses at the keyboard controlling the Flemish bell-notes.

DEDICATED just this month, the University's new set of carillon bells has begun its "concert season".

Music of the chimes will be featured during the Christmas season and for special programs. Since last spring, the bells have been pealing the hour and 10 minutes to the hour on both the Minneapolis and St. Paul campuses and special concerts also can be heard from either.

THE first, and dedicatory recital on the bells took place on the evening of October 8. Arthur Lynds Bigelow, bellmaster of Princeton university, played the 61 Flemish chimes in a program which was heard over the campus.

Alexander McCurdy, head of the Organ department at the Curtis Institute of Music in Philadelphia, demonstrated the use of the 25 English carillons. He played the English bells in conjunction with the organ in a recital which was heard by an audience which filled Northrop auditorium.

The program was given in public recognition of the appreciation felt

by the University staff and students for the gift of the bells. The entire carillon of bell notes was given to the University by H. Rowatt Brown of Minneapolis as a memorial to his wife.

The carillons really aren't bells, though—at least not the old-fashioned bell tower kind. They are "notes"—pencil-sized tubes made of the same metal as bells. The sounds are created by electronics.

Here's what happens. The notes are kept in a steel cabinet backstage in Northrop Auditorium. Also backstage are two small, portable keyboards, one keyboard to play the 25 English bell-notes, the other for the 61 Flemish bell-notes.

The sounds released from the keyboards are made in the metal cabinet and are amplified by four stentors on Northrop's roof.

THE keyboards are portable, and may be brought out on the stage and played from there, if desired. Or an organist may use the special attachment which controls the bells right from Northrop's huge organ.

The bells can be "rung" so they

sound for a distance of as much as four miles. They also can sound inside the auditorium, or both inside and outside at once. They can be played over KUOM, as well. The bells also are heard on the St. Paul campus.

Paul M. Oberg, chairman of the Music department, is campus carillonneur. His hands on the keyboards send the tones rolling over campus buildings. The bells sounding the hour are automatically operated, so it isn't necessary for Mr. Oberg to do more than set the mechanism which electronically controls these signals.

MR. Brown's gift included sending Mr. Oberg to Princeton university so that he could learn, under Mr. Bigelow's expert instruction, how to play the bells to take advantage of their wide range and adaptability.

Introducing . . .

New Members Join the University Staff

AMONG new staff members you'll meet and perhaps work with this year is the new dean of the Institute of Technology, Athelstan F. Spilhaus.

Mr. Spilhaus was appointed after a search of over a year for a successor to Dean Samuel C. Lind, who retired in 1947. The new dean will take up his duties about the first of the year.

A noted meteorologist and oceanographer, Mr. Spilhaus was born in Capetown, Union of South Africa, and came to the United States in 1931. During the war he served in the United States army air forces, and became a citizen in 1946.

He comes to the University from New York University, where he was

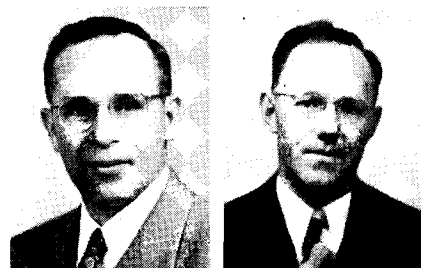
tion Commission of the State of Minnesota.

Mr. Haislet received his doctor of education degree from New York University.

Dr. Thomas D. Speidel resigned his position as dean of the School of Dentistry at Loyola University to join the staff of the University.

Dr. Speidel is a member of the Board of Editors of the Journal of Dental Research, and has served on many distinguished committees in his professional field.

Named associate professor in Animal Husbandry, Carl F. Sierk received his Ph.D. degree from the University just this year. His past experience includes instructing in the Department of Agriculture and serv-



Mr. Goldich

Mr. Johnson

New associate professor and director of the Social Service department, at the University hospitals is Annie Laurie Baker.

Miss Baker received her master of arts degree from the University of Chicago and has served as director of hospital service for the Red Cross in the Pacific area and the Far East Command.

Samuel Stephen Goldich has been appointed associate professor of Geology and Mineralogy. He received his Ph.D. from the University of Minnesota and since then has been teaching at the Missouri School of Mines and Metallurgy and at the Agricultural and Mechanical College of Texas, where he was an acting professor.



Left to right are Dr. Speidel, Mr. Haislet and Mr. Spilhaus.

a professor of meteorology. Mr. Spilhaus has a master of science degree from the Massachusetts Institute of Technology.

NEW professor and director of Alumni Relations Edwin L. Haislet takes the place of E. B. Pierce, who retired this July. Mr. Haislet formerly was an associate professor in Physical Education and Athletics.

During this past year he has been on leave from the University to fill the position of director of the Division of Prevention, Youth Conserva-

ing as assistant professor of animal husbandry at Montana State College.

JAN O. M. Broek this fall joined the staff as professor and chairman of the Department of Geography. He has taught at the University of California, Columbia University, University of Ohio, University of California at Los Angeles and Ohio State.

For the past two years he has been on the staff of the University of Utrecht, Holland, the institution from which he received his Ph.D.

COMMANDER Charles F. Putnam has been assigned to the Department of Naval Science by the navy. He will serve as an associate professor.

He has been on active duty with the navy since his graduation from the U. S. Naval Academy.

Associate professor in Professional Education at the Duluth Branch starting this fall is Harry C. Johnson. During the past three summers he has served as visiting professor of Education at the University.



up-to-date

TWO rather important booklets have been sent to departments and Civil Service staff members since the June issue of *The Minnesotan*.

First, the new, revised Civil Service Rules booklet has been distributed to all departments. All employees may read and consult them at any time. A handy index in the back of the pamphlet provides a ready reference as to where to find various subject matter.

Departments should have sufficient copies to make them readily available to everyone. It is suggested that if a bulletin board is handy, a copy of the rules be attached to it.

Supervisors, department heads and Civil Service staff members are urged to read the new rules and to raise questions concerning any matters which are not clear.

our handbook

THE second new publication, "Our Job at the U. of M.," has been mailed to all Civil Service employees with the exception of temporary or seasonal staff. If you don't have a copy, or if a new member of your department didn't get one, contact the Civil Service office, 16 Administration building, Minneapolis campus.

If you're an Academic staff member and want a copy, just ask for one, too.

"Our Job at the U. of M." provides employees, supervisors and department heads with information

about the more important Civil Service Rules and personnel policies at the University.

This is your handbook, and we think that you are the best judges of what it should say and how it should be said. Plans are to issue a new handbook each year in order that the information may be up-to-date. This expense can be justified only if the booklet serves a useful purpose.

Therefore, suggestions and criticisms by all members of the University staff are invited. These comments will help determine whether or not another handbook should be printed next year, and, if so, what can be done to improve it.

Please send your suggestions to the Director, Civil Service Personnel, Room 14 Administration, Minneapolis campus.

more on

cost-of-living

A FEW months ago, the cost-of-living salary adjustment system for Civil Service workers was explained on this page. "Our job at the U. of M." gives more information about this system.

On July 1, salaries for all Civil Service staff members were increased by two extra pay steps for cost-of-living. This was because the cost-of-living index for Minneapolis had risen over the 163 mark as of last January 1.

Wondering how things look for next year?

Figures show that since January 1, the Minneapolis cost-of-living index has continued to rise—from 166, then to 171.4 on June 15. If the index goes over 172 by next January 1, the present state plan calls for another pay "step" raise starting next July 1.

student staff members

BEGINNING September 1 of this year, a new student appointment procedure has been worked out for departments in the Twin City area. Departments no longer have to submit appointment documents when they hire students for non-academic University work. By simply completing one part of the student referral slip issued by the Employment bureau and returning it to the Personnel office, the official miscellaneous payroll appointment is then prepared, approved and sent directly to the Payroll department.

In this way, a minimum amount of time is involved and the student actually can be placed on the payroll in a matter of a few days. The department then submits the payroll in the regular way, with advance clearance of the appointment already having been made.

Complete instructions have been sent to all departments and additional copies of the instructions can be obtained by calling the Personnel office.

New College for New Needs CONTINUED

helped to find themselves both vocationally and personally. These students are encouraged to take classes in a variety of fields without delaying their progress toward graduation, and thus help themselves find the life work for which they're best suited.

To still other students who may have definite professional vocational aims but lack the required number of academic subjects in high school,

are transferred from General college in exactly the same manner as if the student had taken the same courses in any other college of the University.

Many students finish these two years and go from General college into business, retailing and selling and other fields for which they have received both a broad educational background as well as vocational training.

hostess course, begun this quarter. At the end of two years of general education combined with specific technical training, qualified girls will be graduated from this airline approved course.

Much of the success of the General College may be credited to its staff members. In addition to its faculty advisors, the college also has its own special counseling department, second to none in the United States.



Katherine Reik, left, talks over a job with Donna Mae Ingvarsson, Joanne Eastlund Gustafson, Dorris Jackson and Nellie Whiteside.



Edwin S. Cieslek, Jeanne Jung, A. C. M. Ahlen, Merrill P. Rassweiler and Robert H. Hulse represent the science and art faculty of the college.

received poor marks in high school or have a low standing on college aptitude tests, General college gives a chance to try out the University.

Without General college, many of these students who do make good at the the University would not have been accepted and had a chance to show what they can do.

At the end of one or of two years, students may transfer into the Arts college or a professional college of the University. Credits accumulated

Vocational sequences, for which students take contributing courses in other colleges, include child care, prenursing and related medical arts, preapplied mortuary science, health services, commercial art, general clerical, business contact and retailing and selling.

Some of these sequences require additional, specialized training while others need none.

The newest vocational program offered in General College is the air

The teaching and counseling staffs have built up an excellent testing program and a system of comprehensive examinations. Armed with the results of these tests, counselors are able to help students solve their own scholastic difficulties very effectively.

Tied in closely, and just as important as the educational and vocational counseling, is the advice and aid staff members give to students with personal problems. How to



F. S. Appel is the center of attention at a meeting of the English and speech staff. Listening are Geraldine Graves Feil, Virginia M. Kivits, Virginia M. Liebeler, Nina Draxten and Dorothy L. Sheldon.

make friends, obtain financial assistance, find the right campus activities in which to participate—these are only a few of the many questions counselors work with students to solve.

IN addition to Dean Morse, the staff includes A. L. Vaughan, assistant dean and professor; Henry Borow, associate professor; George H. McCune, associate professor; and Cornelia Williams, associate professor.

Wayne J. Anderson, F. S. Appel, Edwin S. Cieslak, Merrill P. Rasweiler and Wilfred O. Stout are assistant professors.

Instructors are A. Carl M. Ahlen, James deVeau, Evelyn Determan,

Assistant Dean A. L. Vaughan consults with Dean Horace T. Morse in his office.

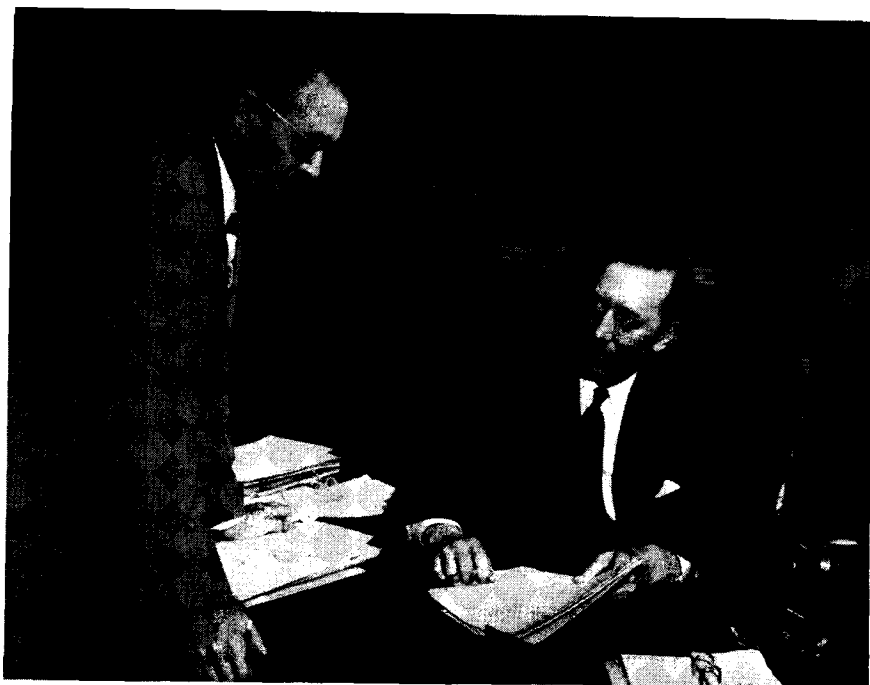
Nina Draxten, Francis C. Gamelin, Edward L. Goff, Claude W. Grant, Geraldine Graves Feil, J. Merle Harris, Charles S. Hensley, Gerald Hill, Robert H. Hulse, Virginia M. Kivits,

Virginia M. Liebeler, Norman Moen, Esther J. Olson, Harold Richardson, Dorothy L. Sheldon, James B. Stronks, Evelyn A. Unes, Harold P. Winchester, Albina Yakaitis, Mildred T. Yohe and Stanley McCormick.

TEACHING assistants include Mary R. Anderson, Raymond Bechtle, Leslie Beldo, George R. Bjorgan, Mary Jane Cooper, Anne T. Gillette, Alvin C. Gluek, Douglas Guddal, Adelaide Hall Scwabacher, John Holland, Constance Hugill, Jeanne Jung, John Lowe, Carolyn Schmidt, Richard Swanson, Bruce Taylor, Edward Bradley, Mary J. Cox, Fred Lukerman, Rubel Lucero, Irving Nudell, Robert Otto, Cleta Scholtes, Chik-Yi Wang.

Katherine Reik is senior secretary, Donna Mae Ingvarsson and Lucille Shorba, secretaries.

Clerk-stenographer is Joan Paulick. Nellie Whiteside, Joanne Eastlund Gustafson and Dorris Jackson are clerk-typists.



The President's Page

The following paragraphs are taken from the text of President Morrill's Opening Convocation address:

AS never before in our history, democracy needs defense from foes within as well as those without. That is the lesson of the "cold war," with its Trojan horse tactics in this country today. Facing that danger, universities must not suppose themselves "above the battle." They, too, have an inescapable obligation.

But it is the conflict of ideas, not of men in espionage or armies, with which universities are best equipped to deal. Let us cling to the concept of freedom—freedom to think and speak and persuade, subject always to openly-assumed responsibility and the restraints of law.

Let us remember, too, that the ideas which have saved civilizations from stagnation and decay have always been "subversive" in the sense that they overturn our prejudices and misconceptions. In science, in economics and in politics that has been so. It is the glory of democracy to provide the arena for the struggle of ideas, and thereby for advance through peaceful evolution rather than through the violence of revolution.

"A clash of doctrines is not a disaster—it is an opportunity," the philosopher, Whitehead, has said. There is no safer place for their clash than in universities where the instinct of disinterested analysis and of relentless criticism is deeply ingrained.

Despite occasional loose comment to the contrary by those who do regard as disaster the clash of competing doctrines, universities above all



places will resist the erosion of freedom and the regimentation that totalitarianism, either of the left or right, requires.

Surely, in the tensions of this or any other time, universities must stand as islands of intelligence in the swirling mainstream of excited propaganda and the understandably frightened but indefensible surrender of principle. Surely, 2,500,000 picked American youth, at work in the calmer climate of learning and scholarship, are a hopeful hostage to the long-range security of the nation.

How reassuring, in our concern for the future of freedom, to think of our whole land, as former President Lowell of Harvard once phrased it, "aglow with universities and colleges like a field with campfires of an army on the march."

F. L. Morrill



THE MINNESOTAN

Published for Staff Members of the University of Minnesota



VOLUME II

November 1948

NUMBER 2

DECEMBER 1 TO DECEMBER 31

The University of Minnesota Calendar of Events

CONCERTS: MINNEAPOLIS SYMPHONY ORCHESTRA (Northrop Auditorium)

- Dec. 3—Ginette Neven, Violinist. 8:30 P. M.
Dec. 5—Dvorak. "Stabat Mater." Twilight Concert. 4:30 P. M.
Dec. 10—Eleanor Steber, Soprano. 8:30 P. M.
Dec. 17—Louis Krasner, Violinist. 8:30 P. M.
Dec. 23—Holiday Program. 8:30 P. M.
Dec. 30—Yves Chardon, 'Cellist. 8:30 P. M.

CONCERTS: UNIVERSITY ARTISTS COURSE (Northrop Auditorium)

- Dec. 14—William Kapell, Pianist. 8:30 P. M.

LECTURES

(Museum of Natural History Auditorium)

- Dec. 3—Homer A. Thompson, "The Agora of Ancient Athens—Europe's First Civic Center." 8:30 P. M.
Dec. 5—S. R. B. Cooke, "The Sun—Power Plant For Our Solar System." 3:00 P. M.
Dec. 12—Lew Johnson, "Your Friends—The Snakes." 3:00 P. M.
Dec. 19—Sound motion pictures, "Whaling in Antarctic Waters." 3:00 P. M.

SIGNIFICANT UNIVERSITY BROADCASTS

- KUOM. 12:15 P. M. Newscast. Monday through Saturday.
4:00-4:15 P. M. Alburey Castell. Invitation to Read. Every Monday.
4:00-5:15 P. M. Your Child and You. Every Tuesday.
1:00-1:30 P. M. World Affairs Today. Every Thursday.
2:00-2:15 P. M. Graham Hovey. Background of the News. Every Friday.

EXHIBITIONS

(University Gallery, Northrop Auditorium)

- To Dec. 17—Portraits in Prints.
To Dec. 24—Open and Closed Form.
To Dec. 31—Space in Sculpture.

CONVOCATIONS (Northrop Auditorium 11 a. m.)

- Dec. 2—Cleveland Grant. Colored film, "Wild Life of Marsia and Mountain."

UNIVERSITY PRESS PUBLICATION DATES

- Dec. 15—"The Integrated Life," Thomas P. Beyer.
Dec. 15—"American Studies," Tremaine McDowell.
Dec. 15—"Hogarth's Literary Relationships," Robert E. Moore.
Dec. 29—"The Mystery of 'A Public Man'," Frank Maloy Anderson.

UNIVERSITY THEATRE (Scott Hall Auditorium)

- Nov. 26, 27, Nov. 29 - Dec. 4—8:30 P. M., Dec. 5—4:00 P. M.—"Good Woman of Settsuan."—Bertholdt Brecht.

FOREIGN FILM SERIES

(Northrop Auditorium, 4:00 and 8:00 p. m.)

- Dec. 8—"Fanny." French film with English subtitles.

SPECIAL EVENTS

- Dec. 9—Staff Folk Dancing Party. Coffman Union Game Room. 8:15 P. M.
Dec. 16—Commencement. Address. Address by Raymond B. Allen, President of the University of Washington at Seattle. 8:00 P. M.

ATHLETIC EVENTS

(Basketball Games at Home)

- Dec. 4—Western Illinois State Teachers' College. 8:15 P. M.
Dec. 20—U. S. Naval Academy. 8:15 P. M.
Dec. 22—St. Mary's College—University of California. 8:15 P. M.

SPECIAL LECTURES

- Dec. 13—Dr. Meyer Friedman, Director of Harold Brunn Institute for Cardiovascular Research, Mount Zion Hospital, San Francisco. "Functional Cardiovascular Diseases." Medical Sciences amphitheater. 8:00 P. M.

The Minnesotan is published during the academic year by the Department of University Relations, University of Minnesota. Copies are mailed free of charge to University staff members. Subscription rates for those on the staff are \$2.00 a year, 25c an individual copy.

COPIES ARE ON SALE AT THE UNION BOOK STORE

Photographs throughout this issue of *The Minnesotan* were taken by the University Photographic Laboratory.

NICHOLSON HALL PUBLISHER

UNIVERSITY PRESS puts out books with a future

WITH 12,000 copies in the mail of a new descriptive catalog of all books in print and including books to be published in 1949, the University of Minnesota Press is well into another year of editing, designing, producing and distributing books with a future.

A department of the University, authorized in 1925 by the Board of Regents and established in 1927, the Press is located in Nicholson hall.

And in the department there isn't a single printing press or even one typesetting machine. This isn't as strange as it sounds, for the Press is a publishing house, not a printing concern. While copies of books are printed under its direction every year, not a one is actually printed and bound in Nicholson hall.

Just who writes the books published and distributed by the Uni-



The editorial department at work. Left to right are Martha Herdman, Mary Preston, Anne Adams and author Tom Jones, Marion Balow and Jane McCarthy.

versity Press is a question often raised. Manuscripts sent to the Press are written by members of the University faculty, members of faculties at other colleges and universities,

doctors, lawyers, economists, housewives, businessmen and others from all walks of life. A Press editor carefully reads each one.

If the manuscript simply is not publishable, it is returned to the author with a kind but frank note. Sometimes a manuscript may be very good, but not suited to the use of the Press. When this happens, the editor may advise the author where to send it, and may give suggestions for changes or revisions.

ON the basis of the manuscript reports from the staff editors and from reader experts, Margaret S. Harding, director, submits her recommendations to the Committee on the Press.

Committee members who accept or reject a proposed book are: Theodore C. Blegen, dean of the Graduate School; Harold Macy, associate



Margaret S. Harding, director of the University Press, works long hours in her book-lined office.

director of the Agricultural Experiment Station; Errett W. McDiarmid, University librarian; Julius M. Nolte, dean of the General Extension Division; Malcolm M. Willey, vice-president of Academic Administration, chairman; and Mrs. Harding.

Before the Committee on the Press has finally approved publication, the manuscript has been sent to experts on our own campus and elsewhere for evaluation.

AFTER acceptance of a manuscript by the Committee on the Press, the editorial department, in consultation with the author, carefully prepares it for the printer.

Jane McCarthy, production manager and one of the few women book designers in the country, will have prepared cost estimates, placed bids for printing through the University Purchasing department, chosen appropriate type faces, paper and binding to best express the spirit and mood of the book.

While the galleys are being proof-read, Helen L. MacDonald, sales manager, is busy with still another



Working on the 1948 Press catalog are Grace Hall, Helen MacDonald and Charlotte Jones.

aspect of publishing. Mailing lists for direct mail campaigns, copy for book jackets, copy for advertising pieces, space ads for national media, contacts with book dealers and librarians are all being planned.

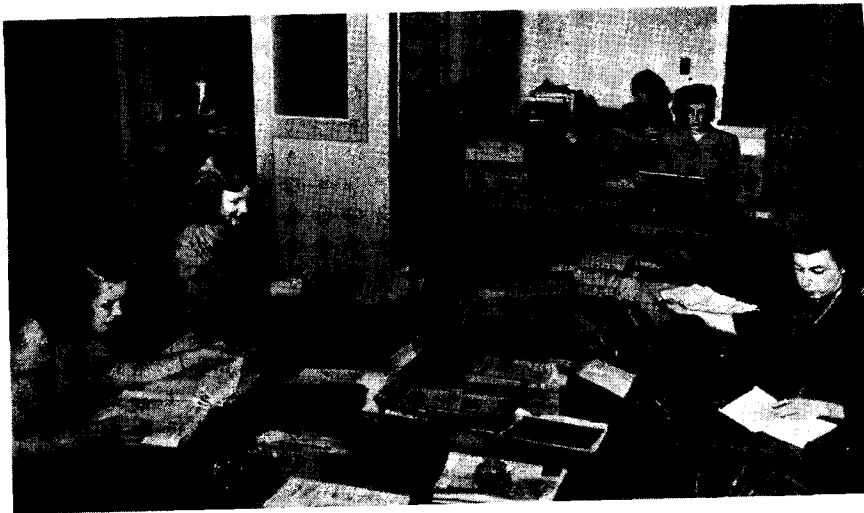
Four salesmen—one in the eastern part of the United States, one on the west coast, one in the middle west

and one in the southwest—represent the Press in this country, while joint publishing with Oxford University Press (since 1931) gives the Press representation in the British Empire and India. Association with Henry M. Snyder and Company and W. S. Hall and Company provides sales coverage in Latin America, the Far East and the continent of Europe.

The Press handles its own shipping and warehousing. Mary Vey DeVries, senior store clerk, and her helpers, Alan Thorpe and William Maehl, stores clerks, filled 12,395 requests for books last year. The orders came from all over the United States and from all parts of the world. Books published by the Press and sent to far places—to Berlin, London, Paris, Sweden, Switzerland, Brazil, Chile, Melbourne, Sydney, Genoa, Peiping—have helped extend the University campus to the ends of the earth.

Getting the orders ready for shipment is another important function in the pattern of publishing. Under

Continued on page 16



The sales department staff includes, from left to right, Eva Murray, Mildred Rodgers, Irma Koefod, Minnie Matsuura, Marion Groesbeck and Margaret Noterman.

Community Chest Results

Staff Members Pledge \$27,247.88

SUPPORT at the University for the annual Community Chest fund drive reached a new high this year, when both campuses exceeded their goals. The largest amount ever raised, \$27,247.88, was pledged to the 1949 Community Chest by University staff members.

With the Minneapolis campus pledging \$23,284.03 and the St. Paul campus pledging \$3,963.85, Chairman Marcia Edwards and associate chairman Ralph Nichols both expressed pleasure at the success of the campaign.

The highest percentage reached was raised in the Dean of Students' office, where Martin Snoke served as team captain. Mr. Snoke's team went 200 per cent over the quota which was assigned it.

Minneapolis Campus team captains in this year's drive were Dr. George Aagaard, A. H. Cheese, Glenn Cooke, Dean Russell M. Cooper, Frank L. Fuller, Ethel Harrington, Dagmar Hasberg, G. Ray Higgins, R. C. Jordan, C. V. Netz, Martin Snoke, Minard Stout and A. L. Vaughan.

On the St. Paul campus, 35 soli-

citors worked under Mr. Nichols. They were P. A. Anderson, Dean Clyde H. Bailey, W. L. Boyd, R. M. Brown, A. C. Caldwell, Tom Canfield, W. B. Combs, R. W. Cox, Mrs. Bethene Elling, Eileen Flynn, Marjorie Gerlich, Adele Gibney, Mrs. Irene Hansen, Shirley Hansen, Vernon Hathaway.

A. C. Hodson, Elmer Johnson, Hedda Kafka, Thomas King, J. F. Kuehn, Opal Mikelby, W. R. Mixer, Josephine Nelson, Henrietta Novy, June Paulson, Glenn Pearson, A. J. Schwantes, Mrs. Dorothy Sell, Har-

riet Sewall, Gordon Starr, Otto W. Swenson, Mrs. Margaret Taurud, Elaine Ure, and Donald Woods.

Miss Edwards gave credit for the success of the campaign to the hard work of the team captains and solicitors.

"Solicitors really got out and worked," Miss Edwards said, "and the fact that they covered larger areas in order to meet their increased quotas helped a great deal to give the University its especially fine record this year."

Plans for next year's drive are already being made with Ralph Nichols named chairman, and Dr. Ruth Boynton serving as associate chairman.

New Pay Rate Method Goes into Effect at University

ON November 16, 1948, the new procedure for calculating the earnings of less than a pay period for all Academic and Civil Service employees on a monthly rate basis went into effect.

This procedure will affect all employees who are absent without pay or whose first day of employment or last day of employment does not coincide with a beginning or ending day of the pay period respectively.

Earnings for these periods for less than a pay period will be calculated by dividing the semi-monthly rate by the number of working days, including holidays when they occur on ordinary working days. This daily rate figure will be multiplied by the number of days worked. Holidays will be included as days worked except when the holiday occurs within the period not worked.

The advantage for employees who work on a monthly rate is obvious. No longer will deductions be made

for non-work days such as Saturdays or Sundays or other days taken off in their place. An employee on a 40-hour, 5-day week absent on Friday and Monday will have, then, a deduction for only two days.

Under this plan, however, the deduction for a single day is greater because only work days are considered in computing the daily rate.

This new method of determining earnings of less than a pay period is very much simpler to understand than the old method. It reduces the unit for the computing of the daily rate to the pay period instead of the entire month, eliminating the necessity of taking into consideration what the employee receives for the other one-half of the month. This plan is fairer because calendar days are not considered for computing the daily rate. Nor are Saturdays and Sundays included as days absent when they occur within the period not worked.

Our Cover . . .

THIS month's cover picture for "The Minnesotan" was taken on the St. Paul campus. Snyder hall is to the left, and the Agronomy building in the background.

As with most of "The Minnesotan" photographs, Warner F. Clapp, photographer for the Photographic Laboratory on the St. Paul campus, deserves the credit for this shot. Frank W. Zoubek is the other photographer responsible for pictures printed in the magazine.

NAVY AWARDS HONOR SEVEN FROM STAFF



Otto H. Schmitt, Ancel B. Keys, Bryce L. Crawford, Henry E. Hartig, Robert S. Livingston and Lorenz G. Straub are congratulated by Rear Admiral J. Carey Jones.

New Payroll Figures

UNIVERSITY STAFF NUMBERS 9,279

FOR you staff members who like to keep up-to-date on the number of people working at the University, here are the latest figures released by the Payroll department.

They were prepared under the direction of Alfred H. Cheese, assistant chief accountant.

The number on the University payrolls for the pay period ending October 15, 1948 was 9,279, with a total earnings of \$923,359.

The last formal quarterly report for the period ending July 15, 1948 showed 7,085 staff members. The April 15, 1948 report gave a total of 9,065.

The latest report numbers administration members, deans, directors and assistant deans (both full and part time) at 45. The University has

1,734 professors and instructors. Lecturers, research associates and fellows, teaching research and extension assistants, medical fellows and miscellaneous academic staff members total 1,726.

By adding these numbers together, you'll total the entire Academic staff—3,505 people.

The Civil Service staff makes up a total of 5,774 employees.

All of the above figures include both regular and miscellaneous payroll and full time and part time workers.

A distribution breakdown shows that 3,056 students were employed either in Academic or Civil Service positions. Academic and Civil Service staff members who were not students numbered 6,223.

Certificates Given for Meritorious War Service

SEVEN University faculty members were commended by the United States Navy recently, in a ceremony at the State house in St. Paul.

Bryce L. Crawford, professor of physical chemistry, was given the Presidential Certificate of Merit.

Awarded Army and Navy Certificates of Appreciation were Henry E. Hartig, professor and head of electrical engineering; Ancel B. Keys, professor of physiological hygiene; Robert S. Livingston, professor of physical chemistry; Otto H. Schmitt, associate professor of physics and zoology; Lorenz G. Straub, head of the department of civil engineering and director of the St. Anthony Falls Hydraulic laboratory; and Dr. Owen H. Wangensteen, professor and director of the department of surgery.

The awards were made by Rear Admiral J. Carey Jones, commandant of the Ninth Naval District, as part of the opening ceremonies of the regional armed forces Industrial College meetings. The Industrial College was attended by businessmen, economists and Army and Navy officers.

Present also at the ceremony which honored the staff members were Governor Luther W. Youngdahl and Brigadier General H. M. Harkness.

The certificates given the scientists read in part that the awards were given for "outstanding fidelity and meritorious conduct in the aid of the war effort against the common enemies."

INCOME TAX FILES

Business Office Requests Up-to-date Addresses

INCOME tax is already a problem of the University's Business Office.

Regulations of the United States Department of Revenue require that the University furnish a statement of earnings and income tax withheld for the calendar year to every University employee who receives earnings during the year. This statement, known as a W-2, must be mailed to each employee by the following January 31.

Because of the January 31, 1949, mailing deadline and the number of W-2's which must be processed (approximately 16,000 W-2's were mailed for 1947) the Business Office must have their tax certificate file in proper order by January 1, 1949 making sure that this file contains the correct and necessary information for each employee.

The Business Office will ask all departments to provide any information which is necessary to complete and bring this file up to date. This information must be in the Business Office by December 15.

Now, here's where you come in. Every staff member should make it his responsibility to see that his department office has in its file the correct information regarding his address, marital status and husband's given name for all married women

ALSO, if employees would report changes of this nature to their departments promptly during the year and request that this information be forwarded to the Business Office, the tax certificate file could be kept up-to-date during the year, and it would not be necessary for all this

work at the end of the taxation year.

Employees should be sure to file Revised Tax Withholding Certificates at any time that there is a change regarding their marital status, address or tax exemption class.

EMPLOYEES who are terminating their services with the University should make special effort to

be sure that the address on the tax certificate on file at the Business Office will be correct for the mailing of the W-2's in January. Everyone is anxious to receive his tax statement promptly, but the Business Office cannot insure promptness without the cooperation of both the employees and their departments to make this possible.

Folk Dances Go Over MORE PLANNED

FOLK and square dancing parties are turning out to be just what staff members ordered.

Four of the folk dancing sessions have been held in Coffman Union with approximately 100 Civil Service and Academic staff members, their wives, husbands and friends attending.

At an informal meeting of the entire group during one of the parties, everyone there decided to hold dances twice monthly, on the second and fourth Thursdays, at 8:15 o'clock in the evening.

Every party will be held in Coffman Union (watch the Minnesota Daily and posters for information on the exact room). The cost of 25 cents a person was approved to meet expenses for the caller. Refreshments will be served.

EDMUND (Luke) Lukaszewski, well-known Twin Cities instructor and caller, will be in charge of each Thursday's program.

A committee of seven has been chosen by the folk dancers to plan

future parties and to be responsible for all arrangements. Committee members are: G. Ray Higgins, director of student unions; Marian E. Olson, senior secretary; Mrs. Gilford W. Remington, wife of the head of the Audio-Visual Extension Service; Stephania E. Bayor, instructor; Drusilla Deis, senior medical technologist; Wendell Brooks, teaching assistant; Joan Keaveny, informational representative.

The next folk dancing party is scheduled for Thursday, January 13.

A Very Special ORCHID TO

Every single University staff member who contributed to the 1949 Community Fund for a record total of

\$27,247.88

Read Page 3 of this issue for the whole story.

A varied PROGRAM

Station at Grand Rapids teaches and tests

“WE keep busy up here,” admits Donald L. Dailey, associate professor and superintendent of the University’s North Central School and Station at Grand Rapids, Minnesota.

Evidence of just how busy the staff members do keep is everywhere on the 454 acres which make up the station property. The vegetable testing gardens, the “new-look” sheep, the well-tended arboretum, the carefully kept records on the famous Minnesota No. 1 hogs, the potato breeding plots and disease nurseries,



Posing in the arboretum are Clayton R. Olsen, Richard B. Aakre, Clement L. Griffith, Carmen DelliQuadri and Donald L. Dailey.

the Guernsey herd, the long-time research on the station’s forest acres, and, of course, the well-kept school and farm buildings themselves—all of these things tell of the hard work put in by every one of the station’s staff.

One hundred farm boys from the surrounding rural areas attend high school at the station. The well-trained

graduates, most of them now farmers in the north central part of the state, also give testimony—both verbally and through their modern farming methods—as to the hard work of the station’s staff.

The number of students will be increased, says Mr. Dailey, as soon as the new building now underway is finished.



Ronald Fraser and Royal Oyster feed members of the North Central station’s Guernsey herd.

SCHOOL is only a six months a year proposition at the station, with the boys boarding from October until March. With this setup, they’re home for the rush of the planting season and get to finish the fall work before school starts. Although the emphasis is on agricultural subjects, a full academic program is offered, and boys who have successfully completed the four year high school course are eligible to enter any college in the state.

The actual farm work on the station is almost entirely experimental and demonstrative.

The growing season at this northern station is relatively short—110 days—when compared with the 140-day season in the Twin City area. Many of the testing plots at the

Continued on page 13

The Minnesotan

University Reports 1947-48 Expenses and Income

AS the University grows so do its expenditures, and the fiscal year ending June 30, 1948, shows that expenses totalled \$43,673,879.62, leaving an unencumbered balance of \$2,352.88.

According to a report issued by William T. Middlebrook, vice-president for Business Administration, the University's largest expense item for the past year was for self-supporting service enterprises and revolving funds. The sum spent for dormitories, dining halls, cafeterias, the University Printing department and revolving funds totalled \$16,138,622.06.

The second largest outlay for the year was \$14,874,223.24, which was spent for instruction and research. This amount was allotted to actual college instruction, research projects, the agricultural schools and experiment stations, the University Hospitals, summer sessions and activities

Total Receipts \$43,667,589.05

Free Unencumbered Balance,
July 1, 1947 8,643.45

\$43,676,232.50

Total Expenditures, Transfers and
Adjustments ..\$43,673,879.62

Free Unencumbered Balance,
July 1, 1948 2,352.88

\$43,676,232.50

of the General Extension Division.

Another heavy expense was the maintenance and operation of the University physical plant. With \$2,262,446.48 set aside for such expenditures, the University maintained and improved its St. Paul, Minneapolis, and Duluth campuses.

A large amount was also set aside for trust fund expenditures. The sum of \$3,629,887.02 was used for scholarships, fellowships, prizes and trust fund expenditures for teaching and research, care of the sick and other trust purposes.

Actual administration costs totalled \$1,068,802.25, while expenses under general University expenditures, including amounts spent for the library, general bulletins and publications and lectures and convocations, amounted to the sum of \$1,637,803.95.

Other expenditures accounted for in the report were \$2,123,796.77 for transfers and adjustments and \$690,897.89 spent for intercollegiate athletics.

Largest portion of the University's \$43,667,589.05 total receipts came from the self-supporting service enterprises and revolving funds. Netted from this source was the sum of \$17,490,433.44.

New Bookstore Service Makes

Graduation Easier for Attending Faculty

FACULTY members who attend graduation ceremonies in the future—starting with this winter quarter—are going to be helped out by having their gowns, hoods and mortar boards supplied for them. This is a new service offered by the University bookstores, under Harold D. Smith.

Up to this time, University faculty without gowns who wanted to be present at a graduation had to buy or borrow a gown.

Now, they merely fill out a slip of paper giving their sizes and highest degree earned. The slip is then sent to the Professional Colleges' bookstore

in the Main Engineering building.

On the night of graduation, attendants will have the gowns ready for wear in one of the bandrooms on the ground floor of Northrop Auditorium.

All the hoods obtained in this way will be University of Minnesota colors—maroon and gold. This is correct academic procedure, although faculty members who own them may wish to wear the colors of their alma mater over the University-provided gowns.

Immediately after the graduation, faculty members are asked to return the apparel to the band room.

INCOME from the State of Minnesota totalled \$11,138,720.16 to account for the second largest source of income, while fees and receipts accounted for \$9,087,773.59 of the total.

The University received \$3,670,502.40 from trust funds, while the Federal Government allotted \$1,038,796.21 for instruction, agricultural research and extension.

The permanent University fund brought in \$515,616.42 and the University's income from the State's swamp land fund amounted to \$76,386.99.

Finally, intercollegiate athletics added \$725,746.83 to the University's total income.

LET'S VISIT A DEAN

School of Business has a busy administrator

MOST of us aren't too sure of what goes on behind any door lettered "Dean's office." So just to satisfy our curiosity, let's visit the Vincent Hall office of Richard L. Kozelka, dean of the School of Business.

The piles of papers and the constantly ringing telephones serve not only as jobs in themselves, but also as reminders of many other duties waiting for the dean, or his assistant dean, Richard K. Gaumnitz.

Routine administration of the school takes up a good deal of time, although much of the work of registration, grade

assembling, and class scheduling can be planned and then turned over to the efficient and hard-working office staff members.

This year, 1,450 students are registered in the School of Business, a number which doesn't include the pre-business students taking introductory courses also taught by the faculty. And for every student, there is an amazing amount of paper work which always must be done.

The 75 faculty members must be kept happy too. Teaching loads must be fairly distributed, and Dean Kozelka

goes so far as to give consideration to professors who live far away from the campus, and tries not to assign them to first hour classes when this can be done without disturbing the class and room scheduling plan.

The dean assumes leadership in the bringing of new faculty members to the school.

"We're always reading professional publications and carefully following up letters of inquiry," says Dean Kozelka. "You never can tell when just the man to make the school stronger is looking for a chance to teach here."

The dean, and the dean's office, serves as a channel between the faculty and the administration of the University, and passes information both ways. The dean is also a channel for the students of the School of Business. They come to him with both compliments and criticisms about the way the administration treats them.

AND sometimes students put sympathetic Dean Kozelka in the role of father confessor, telling him of family or scholastic problems and asking for help.

Disciplinary problems are referred to the dean and his assistant, but both Dean Kozelka and Dean Gaumnitz shy away from talking about this part of their work. They wish it weren't necessary.

Elaine M. Seledic, clerk-stenographer; and Melva Freeman and Mary Krueel, senior clerk-typists; are pictured standing. Genevieve Farrell, clerk-typist; and Loraine V. Nelson, clerk; are seated.



But the influence of the dean's office extends far beyond the University campus. Businessmen, and labor union representatives, for that matter, often come to the dean with some specific problem. Some difficulty has been experienced during the past few years in helping these people, however; classes have been so abnormally large that all faculty resources necessarily have been turned to teaching.

SO many of these requests are coming in that a move is being made to formalize aid by setting up an office of business research with a permanent skeleton staff. Other members of the faculty would stand by with help when the problem to be solved falls into their field of specialization.

Both Dean Kozelka and Dean Gaumnitz agree that it's a vital part of a dean's job to keep in constant touch with business and businessmen so that courses can be arranged which meet new conditions and keep up with the evolution in business practices and procedures.

"Theoretically," explains Dean Kozelka, "Deans also are supposed to have more time to contact businessmen



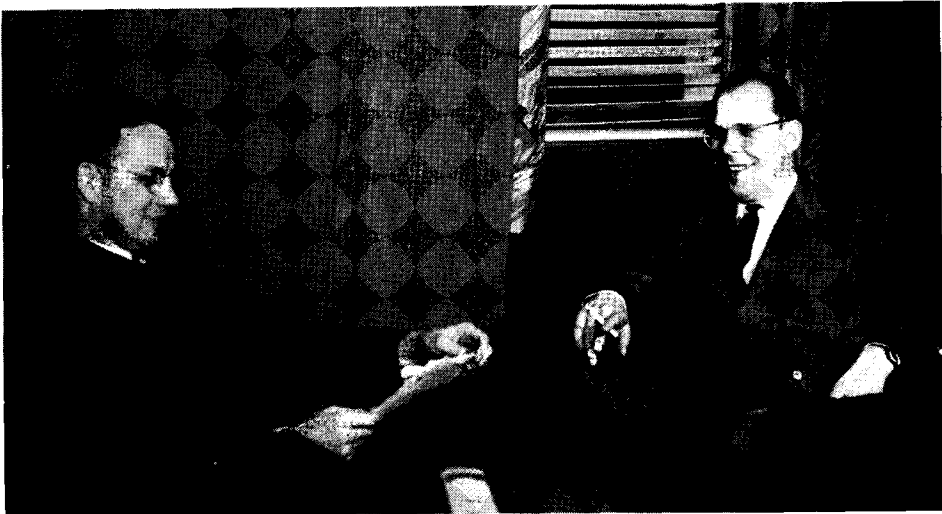
Time out for a laugh with members of the office staff. Seated are Joye W. Wilson, senior clerk; June L. Palmer, clerk-typist; and Catherine Crowe, administrative secretary. Standing are Mary Vogel, secretary; June D. Torsfelt and Mary Ellen Goodrich- clerk-stenographers; and Majorie E. Glennon, principal clerk.

about jobs for students after graduation." He admits readily that his most effective contact work often is done by chatting informally with businessmen after the speeches he so frequently is called upon to give.

On the dean rests a good deal of the responsibility for getting students to prepare for fields of business where the need for their services is greatest. He's pretty proud of how anxious businessmen are to hire University School of Business graduates, and of the numbers placed by the placement bureau of the school, operated under his direct supervision.

And then, to top off all the rest of the jobs, every so often businessmen come to the dean with a request that the School of Business sponsor a short course for those working in fields such as insurance or real estate.

All of these duties—and many others, too—are carried out by Dean Kozelka and Dean Gaumnitz. Their success is measured not only by how the School of Business has grown in size and prestige, but also by the great confidence in the school and its graduates shown by businessmen throughout Minnesota and the Northwest.



Dean Richard L. Kozelka confers with Richard K. Gaumnitz, his assistant dean.

KUOM broadcasts

36 STATIONS PICK UP GAMES

THE 1948 Minnesota football season brought with it much new enthusiasm, new attendance records and hundreds of new radio fans all over the Northwest.

Acting under the provisions of the new University radio and television policy, KUOM this season took the responsibility for bringing the Minnesota games to 36 radio stations.

Broadcasting over a five state area, KUOM fed stations in Minnesota, Michigan, Wisconsin and North and South Dakota, reaching as far east as Kalamazoo, Michigan, and as far west as Aberdeen, South Dakota.

Flooded with requests for broadcasts before the season began, KUOM and the Athletic department initiated steps to relay broadcasts of all games

both at home and away. Utilizing announcers William S. Gibson and William Farrell and engineer John Ludwig, KUOM broadcast the games to its main control room on the campus and then relayed the programs to major stations throughout the Northwest area. From there, the local stations picked up the games and broadcast them to their listening audiences.

Such a program called for a lot of planning and a lot of work. Six people put in full time on the job and on Saturdays the entire KUOM staff was geared for the football broadcasts. Ruth Swanson, acting director, says that such a task would be a big job for a large station on a national hookup.

Aside from the anticipated difficulties, added problems were encountered. The broadcasting and relaying had to be done from a temporary control room. There was always the danger of a line break over which the KUOM personnel had no control. Such a break occurred during the Washington game and the KUOM people just had to sit and wait until the line was repaired.

DESPITE the size of the job and the headaches that went with it, the venture was an outstanding success and possibly heralds the approach of much greater sports coverage by KUOM.

Plans are being considered for the broadcasting of basketball and hockey games and track meets. With this added coverage, KUOM will have a more fully rounded schedule of programs, and if broadcast through the same system set up during the football season, a much larger listening audience for the University's winter and spring sports events broadcasts.

MINNESOTA REMINISCENSES

The 1800's at the 'U'

IN these days of "temporaries" and what some call our "streetcar campus," it may be interesting to know that in 1881, there was a proposal made to move the site of the University campus to the north shores of Lake Minnetonka.

President William Watts Fowell submitted a paper to the Board of Regents contending that the campus area would some day be too small and that "railroads will cut it to pieces." His idea also was endorsed by several of the Board of Regents and Lake Minnetonka was suggested as a possible campus site.

A committee was appointed to consider the matter, but before the session was ended, the committee appointments were annulled. With the proposal thus tabled, action was not taken and the early dream of a "Minnesota high above Minnetonka's waters" was never realized.

FIRST signs of Minnesota's famous Medical school came to light in the early part of 1884, when Dr. Charles N. Hewitt submitted a plan for the establishment of a Medical department.

Dr. Hewitt, a non-resident profes-

sor of public health, suggested that the department be established as an examining institution for students who had received their preparation elsewhere. Action was taken, and three candidates were tested during that year.

Actual organization of a Medical department occurred in 1888, when the Colleges of Medicine, Surgery and Dentistry were opened as teaching institutions.

THE University's first commencement, on June 19, 1873, was an elaborate affair, held in the old Academy of Music, on the corner of Washington and Hennepin avenues.

On the stage was governor Austin, two ex-governors of the state, the Regents, the faculty, the University choir, and the graduating class. The regimental band of the 20th Infantry was there in full force—all 23 pieces—to furnish music.

All this pomp and ceremony centered around a graduating class of but two members, Warren Clarke Eustis and Henry Martyn Williamson. Both received bachelor of arts degrees.

A Turkey in Every Pot . . .

Expert Suggests an 'Edible' Stuffing

YOU can have your holiday turkey and eat the dressing, too. But the chances are strong that you won't want to bite into that stuffing unless, of course, you build it according to a recipe by Dr. W. A. Billings, of the St. Paul campus.

The Agricultural Extension veterinarian, "Doc" Billings has long crusaded for a turkey in every pot—and every turkey filled with an edible stuffing.

"I used to wonder," he says, "why the turkey dressing was always slyly hid under a thin slab or two of turkey. But there was a reason—they were ashamed of it, I guess."

THERE are scads of recipes for poultry stuffing, but "Doc" doesn't like any of them. "Most of them use bread as a base and then start throwing in everything they can find around the kitchen, including oysters, pork, beans, celery, raisins, giblets, chestnuts, prunes, sausage, apples, and so on, and so on," he tells us.

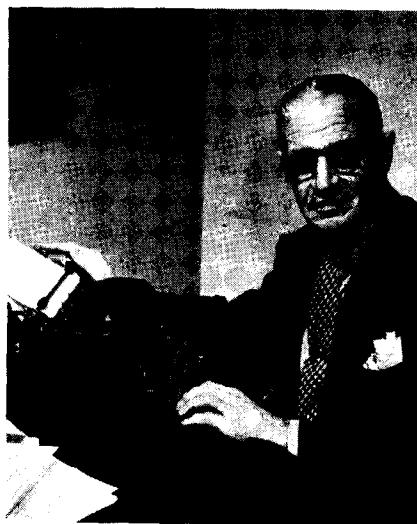
"This sort of mixture, they call a 'dressing.' It comes out of the bird a dark, sticky, soggy mess that lays like a ton of brick in your stomach. This may be an excellent way to get rid of kitchen leftovers, but as a dressing . . ."

"Doc" is one of the foremost turkey experts in the country, an authority on breeding and raising the holiday bird via his own "Minnesota plan." He has his own authoritative solution to the dressing problem, too.

Let him tell you about it. "Take enough of *yesterday's* bread (unsliced, if possible) and cut off the outside crust. Now, cut the trimmed loaf into hunks just big enough to make a good handful.

"With a fairly coarse grater, the bread is now finely crumbled into a big dishpan. This will give you a panful of nice fluffy grated bread. It will take about three small loaves for a 15 to 18 pound turkey.

"Have someone who does not cry



Dr. W. A. Billings, at his typewriter, looks as if he were busy an another of his famous turkey news letters.

easily, chop a medium-sized onion into very fine particles. One onion is usually plenty . . . it will hardly taste, but it gives the dressing a certain amount of what we men call 'oomph.'

"Stir the chopped onion evenly into the grated bread and add just enough salt to taste right. Then add the powdered sage, shaking it on lightly as you stir it into the bread. And please, do not use too much sage—just enough to taste tangy, but not to gag you.

"This next step will test your generosity. Melt up a whole pound of good butter (don't be Scotch here) and have your helper pour the melt-

ed butter slowly over the mass while you stir it in evenly throughout."

That's all there is to it. "Doc" cautions the cook not to moisten with water and not to add another single thing. He has a word of warning, too, on stuffing the stuffing.

"Have someone tip the helpless turkey up on the back of his neck with the opening upward. Now, you will spoon the dressing into the bird, shaking the carcass slightly to settle the dressing.

"Do not pack the dressing down . . . don't even push it down with your spoon. Merely spoon in all the

Continued on page 15

KUOM Sets Dramas BOOKLET OFFERED

TWO series of dramas, to be broadcast over KUOM and then over other Minnesota radio stations, are described in a booklet to be published in December by KUOM, the University's radio station.

Both the 13 broadcast series, "The University Reports to the People." and the "Tales of Minnesota" series of 13 broadcasts are written, produced and directed by University staff members. After they are transcribed, the records of each separate play will be sent to radio stations which request them.

The booklets with detailed information about these special programs will be available to staff members who request them. There is a limited number of the descriptive pamphlets available, warns Ruth Swanson, acting director of KUOM, so they will be given out on a first-come, first-serve basis.



going to school

SO you want to attend classes during working hours! Whether you're interested in a promotion or think that taking some courses will help you do better work, you can arrange to go to school at the University.

Academic staff members arrange to take classes by consulting first with their dean or department head, and then registering directly.

Some Civil Service staff members may earn Regents' Scholarships and take classes without paying course fees or losing salary for the working time they miss. Others, who go to school under the Graduate School privileges setup, take courses free but make up the time away from work.

Employees who want to pay for their own schooling can usually get permission to take courses during working hours. They also make up the time they miss.

how about Regents' Scholarships

SIXTY are given out each school year. Each scholarship is good for one quarter. The same person may get scholarships up to three quarters in a row.

Regents' Scholarships are open to all full time Civil Service staff members and take care of tuition fees and time spent away from the job.

Application blanks may be picked up in Room 14, Administration

building, Minneapolis campus. After it is filled out and approved by the department head, it goes through the dean or administrative officer to the director of Civil Service personnel.

Winners of the Regents' Scholarships are picked from among the applicants by the Civil Service Committee. Scholarships are awarded on the basis of how the courses relate to the employee's work and whether or not the courses are available in Extension night school. (If they are, the employee should try to take them at night.)

Those who are given scholarships should register in the regular way. Their fee statements are stamped "Tuition Free" and turned in at the Bursar's office.

graduate school

GRADUATE privileges also make it easier for some full time Civil Service staff members to take University courses. Those who benefit are the employees who are eligible to study in the Graduate school.

They can take six credits of Graduate school a quarter (not more than six hours of school work each week during working hours) without having to pay tuition fees.

They don't get paid for the time they miss, but the hours can be made up if they don't want to take a deduction in their pay.

Registration in the Graduate School must be approved by that school, just like any other graduate

student's. And don't forget that the courses an employee takes should have something to do with his job.

In those cases where a staff member can't secure admission to Graduate School, but must register as an adult special for a period of time, he still can take the work tuition free under these Graduate school privileges.

Any Civil Service staff member who is interested in getting Graduate school privileges should first talk it over with his department head. The department head, if he approves, sends a letter in two copies through the dean or administrative officer to the director of Civil Service personnel. The letter should give the course or courses the employee wants to take, the number of credits, how the course relates to the staff member's job and when he's going to make up the time away from work (if he chooses to do this).

if you pay

FULL time employees sometimes can get permission to take courses during working hours at their own expense. Working time missed must be made up. Six credits or six hours of class and laboratory a week is the most anyone can take.

The department head, dean or administrative officer and the director of Civil Service personnel must approve the employee's request.

It's important for the application letter to tell just how the working time missed is going to be made up.

Station at Grand Rapids CONTINUED



Bethal R. Schutjer, Harold W. Stunneck and Margaret M. Von der Heide confer in the office.

North Central station are showing which of the vegetables, fruits and grains developed on the St. Paul campus and elsewhere in the state may be grown successfully so far north. Head lettuce, raspberries, rhubarb and even asparagus produce fine crops in the trial plots. Those varieties which show they are best adapted to extreme temperatures of the north and can yield quality products in the short growing season are recommended to farmers.

TESTING isn't the only experimental work by the staff of the station. Original plant breeding is done, as well. Potato breeding is a major effort, since both the climate and soil of north central Minnesota are ideal for this crop. All the new varieties developed at the station are given Indian names such as Satuba, which means red baseball.

Animals play a big part in the work of the station. Over 200 sheep make their home here. Most of them

are of a breed which is still being "tried out." They're Minnesota No. 100 sheep, and have quite a mixed family background. The results of all this breeding are sheep which are proving themselves well adapted to

the climate and terrain of northern Minnesota.

THESE special No. 100 sheep have more vigor, produce more wool, and are more productive than any other breed of sheep successfully raised in this area.

The successful cross-breeding experiment was started seven years ago. Sheep-raising at that time was to be a by-product of the other experimental work on the station, begun because the grass could be best used as sheep food.

One especially interesting feature of the "new-look" sheep is the lack of wool on their faces. The animals can see better with this improvement. Some of the staff members will laughingly tell visitors that this was done so that the sheep could see the bear coming, if they were attacked. This actually was a serious consideration, for bears roaming the woodlands occasionally do go on sheep-killing expeditions and may cause farmers serious financial loss.



Photographed in the machine shop are Richard B. Aakre, Miles A. Nelson, Carl D. Smith, Byron Faricy and Ralph W. Nelson.

Some inbreeding and line breeding is done with the prize Guernsey herd. The cows are high producers of milk and visitors invariably hear of the station cow which missed breaking the state milk production record by only a few pounds.

And there's a long-legged, frisky-tailed calf in the barnyard who gets a lot of attention, especially from popular song fans. He's the result of careful inbreeding, and the ditty, "I'm My Own Grandpa," might well have been written about him.

The famous Minnesota No. 1 hog, originally developed at the North Central School and Station, is still the object of experimentation here. In "Hogtown," a settlement of white buildings and adjoining, fenced-off sections in a long row, whole families of the No. 1 hog live, with careful records on every pig being kept for future study.

These pigs are popular with farmers because the animals have low feed consumption, large litters and grow to market size very fast.

INFORMATION collected about the pigs for record and study include exactly how many pounds of feed are necessary to make 100 pounds of pork. This is only one of the small, but important and money-saving pieces of information which are collected for the use of farmers.

Successful work also is being done with chickens at the station. One type of hybrid chicken raised is well known throughout the state for the large number of eggs it lays.

Approximately 160 acres of the station has been kept a forest. Farming and forestry go hand in hand in a large portion of north central Min-



Posed for a group picture are Donald Oyster, Ned Enlund, Ray Shumaker, William Carter, Ken Walters, Llewellyn Reese, Wilbur Ahonen, Howard Hanson, Robert Reid, Clarence Daniels, Leonard Perrington, Carl Sorensen, Don Davis, Melvin Hildreth, Merrill Judkins and Louis Hansen.

nesota, and the station doesn't try to make itself an exception. Land in that part of the state is rich, but a great deal of effort is needed to clear it.

Sometimes it must also be drained before crops can be successfully raised. Drainage has been tried at the station, but didn't prove too successful for that ground is still soft in wet seasons and very susceptible to frost.

The forest section of the station includes some trees which were planted in 1900 and 1901 for a long-time research project. Staff members still keep track of how the experiment is coming. They study which varieties of trees planted are growing best, and determine which of the test spacings is best for the trees.

On one edge of the woods is a sawmill and planer. When trees are cut down, boards are sawed here for use around the station, much in the same way that farmers in the region do with their own "crops" of lumber. Many farmers even sell their lumber, to make a good cash crop.

A visit to the North Central station wouldn't be complete without a walk

through the arboretum—a botanical garden of trees. Every known tree in Minnesota is represented in this five acre piece of land as well as examples of most of the wild flowers, vines and shrubs which are native to the state. Even the hard-to-find moccasin, Minnesota's state flower, grows here.

All of the experimental work at the North Central School and Station doesn't show a complete record of successes, however. Honey bees and southern alfalfa, for instance, just don't thrive in this area. There are many more experiments which have had to be marked off and dropped. These negative discoveries are important, too, for just as staff members at the station demonstrate what can be done with the land the climate of northern Minnesota, so do they show what should not be tried by the farmers of the area.

The North Central station staff includes Richard B. Aakre, Carmen DelliQuadri, Clement L. Griffith and Kenneth P. Miller, assistant professors. Carey Blake, Gene Dice, Mary Kulstad, Marie O. Mollins, Clayton R. Olsen and Margaret M. Von der Heide are instructors.

Wilbur Ahonen and Royal Oyster are assistant herdsmen; Josephine Carey, Revona Hagen and Nadine Heinzer are food service workers; Ned Enlund is tractor operator; and John B. Faricy senior general mechanic.

FARM foreman is Llewellyn A. Reese; Donald Oyster is utility man; Carl D. Smith, general mechanic; Lloyd Nelson, Miles Nelson and Ralph Nelson are carpenters; Earl Watson is carpenter's helper.

Ronald Fraser and Louis P. Hansen are herdsmen; Melvin Hildreth, shepherd; Leonard Perrington, swineherd; Robert Reid and Kenneth Walters, farm laborers.

Merrill Judkins is experimental plot supervisor; Emma Hendricks and Helen Nelson, assistant cooks; and Agnes Newman, pastry cook.

Other staff members are Harold W. Stunneck, principal account clerk; Bethel R. Schutjer, clerk-stenographer; and Margaret E. Bury, senior clerk.



Busy in the kitchen are Alicia Crawford, Marie O. Mollins, Lois Heinzer and Agnes Newman.

Questions and Answers

Math Department Gets Thanks

STAFF members in many fields and departments often are called upon to answer telephoned and written questions from many people outside the University. These inquiries may be merely for information or may require the staff member to find the right answer to a special problem.

This type of service is appreciated by those who turn to the University for aid. A letter recently sent to the Mathematics department is only one of the many "thank-you's" received from those who are helped in this way.

"I needed an answer to a question yesterday which involved the use of a mathematical formula," the letter began.

"I received the answer and such courteous and prompt treatment that I wish to thank those members of your department who helped me.

"This, I think, is one small illustration among many of the service the University does for its community and state."

The letter was signed by an executive of a Minneapolis manufacturing firm.

Turkey Stuffing

CONTINUED

bird will hold and stop there and sew up the incision."

"Doc" assures us that everyone will be hollering for more of his dressing, so he adds this tip: "Should you have some 'makins' left after you have filled the bird, you could place this in a casserole and on top, lay the neck, gizzard, liver, and heart of the turkey.

"Slide this into the oven toward the end of the turkey roasting period and you will have a bit extra for the second helpers. It won't be as good as the dressing inside the bird, but it will come in handy."

When he's not solving culinary problems, Dr. Billings travels about the state helping turkey growers and teaching them the modern techniques of the trade.

He's an author, too. His bulletin, "Talking Turkey," had at last count been reprinted more than a million times. His turkey news letter, written in delightfully pungent style, goes out monthly to thousands of turkey farmers in every state in this country and all over the world.

A graduate of Cornell University, Dr. Billings has been a member of the University staff for more than 20 years.

University Press

CONTINUED

the guidance of Irma Koefod, accountant, and Minnie Matsuura, senior account clerk, budget statements, profit and loss sheets, salesmen's commissions and authors' royalties are prepared. Applications of discounts and the endless details of invoicing, filing and inventories keep this part of the sales staff constantly on the alert.

Dedicated, like the University, to "the advancement of learning and the search for truth," the Press, under Mrs. Harding's direction, has never interpreted those aims narrowly.

AMONG the 180 titles listed in current Press catalog are books in almost every field of knowledge that you can name. It has included among its publications "The Doctors Mayo" by Helen Clapesattle, "The People of Alor" by Cora Du Bois, "Roentgen Studies of the Heart and Lungs" by Nils Westermarck, M.D. and Leo Rigler, M.D., "Parables for the Theater" by Bertolt Brecht, translated by Eric and Maja Bentley, "Magna Carta, 1300-1629" by Faith Thompson, "The Application of the Rorschach Test to Young Children" by Mary Ford, "Modern Mexican Art" by Laurence Schmeckelbier, "The Indoor Gardener" by Daisy T. Abbott, "Snowshoe Country" by Florence Page Jaques and Francis Lee Jacques.

MRS. Harding says, "We have tried to make scholarly books more usable and less forbidding, to bridge the gap between the specialist and the layman, and to represent the region without provincialism."

The Press operates on a revolving



Preparing books for shipping are William Maehl, Mary Vey DeVries, Anne Bentz and Evelyn Munro.

fund, so that all extra income over the costs of publishing goes into new publications.

ITS first endowment fund was established in 1946 by George Leonard, Minneapolis attorney and former regent. Known as the Edward F. Waite Fund, it is used to help finance worthwhile books in the field of race relations broadly conceived.

Some books are financed by University grants, some by learned societies, some by foundations. The Colonial Dames of Minnesota, the Coolidge Foundation, the Carnegie Corporation, the Rockefeller Foundation and others have cooperated in the publication of University Press books. And of course many titles are financed by funds accumulated from the sales of other Press books.

Many of the books pay royalties. Almost 55,000 copies of "Child Care and Training" by Marion L. Faegre and John E. Anderson have been sold. Royalties on this volume have been turned over by the authors to

the Institute of Child Welfare for the publication of the Child Welfare Monograph Series.

Under Mrs. Harding's leadership, the Press has taken its place as one of the top publishing houses in the United States. She was the first woman in this country, and perhaps in the world, to direct a university press, and has been in charge since the Press was started.

HER staff, which at first numbered three people, now consists of 23, including Helen Clapesattle, editor; Anne Adams, assistant editor; Martha Herdman and Helen L. Smith, editorial assistants; Mary Preston, proofreader; Grace Hall, assistant to the director.

Marion Balow, assistant production manager; Evelyn Munro, assistant sales manager; Anne Bentz, senior clerk-typist; and Margaret Norderman, Marion Groesbeck, Blytha Beck, Eva Murray, Mildred Rodgers, Aurdie White and Renee Smith, clerk-typists.

The President's Page

OUR new Director of Alumni Relations, Mr. Edwin L. Haislet, has now assumed his responsibilities at the University. He has, as many know, long been associated with the University as a professor in the Department of Physical Education for Men, where his special interest has been the development of community recreational programs. For more than a year he has been away from the campus, on leave of absence, serving as the executive secretary of Governor Youngdahl's Youth Conservation Committee.

We now welcome him back, delighted with the enthusiasm he brings to his new assignment and confident that, under his direction, the alumni program will acquire a new vitality that reflects his eagerness to tackle his task.

Mr. Haislet has secure foundations on which to build, for he succeeds Mr. E. B. Pierce who retired on July 1. Mr. Pierce—one almost instinctively says "E. B."—devoted 28 years to the service of the alumni office, and his loyalty and devotion were fittingly recognized when the Regents last June awarded to him a "Builder of the Name" medal. A University is rich indeed that possesses the wealth of good will and friendship that has been accumulated over the years around the personality of an E. B. Pierce. It is an inheritance upon which his successor can capitalize to draw rich and rewarding dividends.

We at the University are highly conscious of the significance of alumni relationships. The Grey Friars, senior men's honorary society, in a special report to me not long ago, correctly pointed out that the development of them must begin with the arrival of each freshman class at the University. If by the time he receives his bachelor's degree a student is not imbued with the loyalty, the faith, and the sense of obligation that must undergrid effective and enduring alumni support, it is not likely that he will ever become the kind of alumnus that such an institution as the University of Minnesota needs and must have. The old adage, "as the twig is bent," most definitely has its college and university counterpart insofar as alumni are concerned.



Following this idea further, Dr. E. G. Williamson, Dean of Students, with the thoughtful cooperation of the All-University Congress this year, is elaborating into full-scale operation commendable plans involving student orientation, and the ultimate outcomes of these should be of inestimable value to Mr. Haislet and the officers of the Alumni Association.

I cite these two examples as commendable activity that looks to the long future ahead, and to the mustering of the continuing and enhanced loyalty of the thousands upon thousands of students who have attended, and will attend, this University.

Mr. Haislet will regard it a privilege to meet with college faculties and other campus groups so that he may come as quickly as possible to know the members of the staff and the student leaders, to share with them his thinking, and most important of all, to benefit from their collective experience which can be for him a most valuable asset as he formulates and puts into effect the many plans he already has tentatively in mind.

I bespeak for him the interested cooperation of the University staff.

f. L. Merrill



THE MINNESOTAN

Published for Staff Members of the University of Minnesota



VOLUME II

December 1948

NUMBER 3

JANUARY 1 TO JANUARY 31

The University of Minnesota Calendar of Events

CONCERTS: MINNEAPOLIS SYMPHONY ORCHESTRA (Northrop Auditorium)

Jan. 7—Arthuro Michelangeli, Pianist. 8:30 P. M.
Jan. 14—Zino Francescatti, Violinist. 8:30 P. M.
Jan. 21—Artur Rubinstein, Pianist. 8:30 P. M.

CONCERTS: UNIVERSITY ARTISTS COURSE (Northrop Auditorium)

Jan. 12—Isaac Stern, Violinist. 8:30 P. M.

ST. PAUL CAMPUS ARTIST SERIES (Administration Building, Auditorium)

Jan. 16—The St. Olaf Choir. 3:30 P. M.
Jan. 19—Shura Cherkassky, Pianist. 8:00 P. M.

SIGNIFICANT UNIVERSITY BROADCASTS

KUOM—Jan. 1. "Frontier—1949." 4:45-5:00 P. M.
Jan. 8—"Tailor-Made Hogs." 4:45-5:00 P. M.
Jan. 15—"The County Agent—Minnesota's No. 1 Trouble Shooter." 4:45-5:00 P. M.
Jan. 22—"The University and the Farmer's Wife." 4:45-5:00 P. M.
Jan. 29—"500 Human Guinea Pigs." 4:45-5:00 P. M.

LECTURES

(Museum of Natural History Auditorium)

Jan. 2—Harold Searls, "Minnesota Indians—Past and Present." 3:00 P. M.
Jan. 9—Grace Lee Nute, "Canoe County since 1689." 3:00 P. M.
Jan. 16—Frank Kaufert, "The Story of Minnesota Forestry." 3:00 P. M.
Jan. 23—George Schwartz, "Minnesota's Iron—the World's Most Important Deposits." 3:00 P. M.
Jan. 30—W. J. Breckenridge, "Our Wildlife Through a Century of Settlement." 3:00 P. M.

MASTER PIANO SERIES (Northrop Auditorium)

Jan. 27—Alexander Brailowsky. 8:30 P. M.

CONVOCATIONS (Northrop Auditorium 11 a. m.)

Jan. 6—Viola Morris, soprano; Victoria Anderson, contralto.
Jan. 13—Dr. J. O. Christianson, superintendent of the School of Agriculture. "Rediscovering American Christianity."
Jan. 20—Dean T. R. McConnell, "The Russians—What Manner of Man."
Jan. 27—Hans Kohn.

EXHIBITIONS

(University Gallery, Northrop Auditorium)

Jan. 3-Feb. 2—"Techniques on Paper." Paul Burlin, Exhibit Director.

UNIVERSITY THEATRE (Scott Hall Auditorium)

Jan. 14-15—8:30 P. M. 17-23—4:00 P. M. "The Professor's Circus," William Davidson.

SPECIAL EVENTS

Jan. 5—Kenneth G. Conant. Archaeology Series. 8:30 P. M. Museum of Natural History Auditorium.
Jan. 13, 27—Staff Folk Dancing. 8:15 P. M. Coffman Memorial Union.
Jan. 18—University Symphony Orchestra. 8:30 P. M. Northrop Auditorium.
Jan. 20—"Music of the Middle Ages." Vielle Trio. 8:30 P. M. Museum of Natural History Auditorium.

FOREIGN FILM SERIES

(Northrop Auditorium, 4:00 and 8:00 p. m.)

Jan. 19—"Spring." Russian film with English subtitles.
Jan. 26—"Portrait of Innocence." French film with English subtitles.

The Minnesotan is published during the academic year by the Department of University Relations, University of Minnesota. Copies are mailed free of charge to University staff members. Subscription rates for those on the staff are \$2.00 a year, 25c an individual copy.

COPIES ARE ON SALE AT THE UNION BOOK STORE

Photographs throughout this issue of The Minnesotan were taken by the University Photographic Laboratory.

EVERY DAY IS WASHDAY

LAUNDRY STAFF keeps University's clothes clean

WASHING clothes is no headache for Cora Thompson, supervisor of the University laundry. Yet Miss Thompson, with the help of her 56 assistants, manages to use up 750 pounds of soap and 175 pounds of starch weekly in her gigantic wash.

The laundry equipment, as you can imagine, is just as big as the wash. It has to be, to take care of all the hospital laundry, plus linens, towels and 2,000 uniforms a week. Even the Athletic department's track-suits, sweat suits and socks are washed here, on the ground floor of the University Hospitals.

The dispatch and efficiency with which clothes are marked, sorted, washed, rinsed, dried and ironed is something any housewife would envy. Although the department is



Time out for the camera. Staff members of the laundry pose around an extractor—a large clothes-wringing machine.

crowded and there is so much to be done that the staff members must work in two shifts, everyone in the

laundry works together with the precision of a well-drilled team.

As a matter of fact, teamwork is vital to keep the clothes moving from one process to another, almost in a circle about the big room.

When clothes are first brought in, the contents of each bag is listed and sorted by Agnes Crawford, Susan Hibbin, Margaret Grafnitz and Viola Lee. Hospital laundry is kept separate. These women also mark, for identification, clothes not already stamped.



Damp clothes are sorted in the foreground, while one of the big mangles presses flatwork in the back of the picture.

The washmen, Russell Peterson and Louis Closmore, operate the five washing machines—huge cylinders eight feet long and four feet in diameter, placed along the wall.

Clothes are really clean when they come out, too. White clothes, for instance, get three sudsings and five five-minute rinsings, many more than the average housewife would bother with. It takes about an hour for a run, and on a busy day each machine makes nine runs—10,500 pounds of dirty laundry made clean.

THE next step is drying. Carts take clothes to the tumblers—large drums which rotate at a great speed, quickly pressing out water. Expert operators of the tumblers are Anna Stone, Mathilda Bohn, Marie Field, Eleanor Ogren, Arnold Kruger and Paul Bigwood. Henry Victorian, Phillip Kuntz, George Hart and James Johnson handle wringing operations.

Miss Thompson, a University staff member for 26 years, and her assistant Hazel Besnah who is in charge



Hand irons and automatic presses fill one big corner of the laundry's space. The press operators are so expert that only a little touching up is needed with hand irons on uniform collars.

during the second shift, alternate between doing paper work in the tiny office and wandering about supervising the work.

Because of the terrific amount of laundry and the limited space accommodations of the department, it is temporarily not doing much work for the St. Paul campus. Bids from commercial firms are accepted for laundry which is "sent out."

After tumbling, rough-dried pieces

of laundry are shaken and folded by Cora Shodin.

While this is going on, the rest of the laundry is continuing in its circle about the room, now ready to be ironed. Two huge mangles press sheets and towels on their big rollers. Heavy pieces—workshirts, uniforms, coats—are ironed with the big presses, one operator managing two presses simultaneously.

Last step before folding and wrapping is hand finishing of uniform collars and other laundry which needs hand ironing.

According to Miss Thompson, the two pick-ups and deliveries a week by driver Carl Bjorn not only give good service to the various departments of the University, but also keep precious space from being overcrowded with stored laundry.

THE entire department is looking forward, within the next year or so, to new, larger quarters—promised by Joseph C. Poucher, head of Service Enterprises, as soon as a new laundry building can be built.

Additional members of the laundry staff are: Marie Rhodes, Ella Peters, Audrey Meyer, Alice Johnson, Inga Olson, Bonnie Rotschka,

Continued on page 15



Before the laundry leaves the department, it is folded and sorted. Then driver Carl Bjorn takes over and sees that it is delivered safely.

FUND REQUEST ANNOUNCED

University Asks for 'Status Quo' Appropriation Needs

The University's Board of Regents have submitted an appropriation request of \$39,822,434 to the State Legislature for the 1949-51 biennium, President J. L. Morrill announced at a press conference recently. The funds asked for include:

1. For general maintenance and operation, \$12,182,255 per year, an increase of \$4,095,007 annually over the present appropriation which, if granted, will provide for an over-all 17.6 per cent increase for the general operation of the University.

2. For the Duluth Branch, \$442,222 annually for operation, an increase of \$178,261 per year, plus a special appropriation of \$79,575 the first year and \$64,075 for the second year for building repairs and purchase of land.

3. For the University of Minnesota Hospitals, including operation of the general, psychopathic and heart hospitals, \$933,415 for the year 1949-50, an increase of \$357,915, and \$1,036,965 for the second year of the biennium. Involved in the 1950-51 appropriation is an additional increase of \$103,550 as the state's share of caring for county patients in the new heart hospital.

4. For special extension and research projects such as medical and cancer research, crop breeding and testing, county agents and the Rosemount Research Center, \$908,000 per year, an annual increase of \$301,500.

5. For buildings and building improvements for the two-year period, \$10,643,450, an increase of \$3,122,704 over the amount appropriated for buildings for the current biennium.

The Regents' request for operating

funds calls for a total annual increase of \$5,108,058. This increase is necessitated in large measure, according to President Morrill, by four factors:

1. Loss of University income through some loss of enrollment, par-

ticularly a decline in the number of veterans for whom the federal government pays non-resident tuition, which is higher than the tuition paid by Minnesota civilian students.

Continued on page 6

Building Needs Listed

THE \$10,643,450 requested of the Legislature for University buildings is to finance 45 projects.

Money asked for sixteen buildings planned for the Minneapolis campus is \$4,200,000. Eight on the St. Paul campus would total \$1,600,000. Eight on the Duluth campus would cost \$4,248,500. Seven at the new School of Agriculture at Waseca would be \$2,489,200, and six buildings at other branch schools are \$230,000.

The buildings for which the funds are asked are:

ST. PAUL CAMPUS

Library	600,000
Heating plant, boiler replacement	140,000
Soils building	500,000
School of Veterinary Medicine building	624,000
Home Management house.....	30,000
Classroom building	416,000
Entomology and Economic Zoology building	500,000
College men's dormitory	400,000

MINNEAPOLIS CAMPUS

Chemical Engineering building (additional for completion) and equipment	\$ 250,000
Social Science building (additional for completion).....	482,000
Classroom building (additional for completion)	528,000
Addition to heating plant.....	450,000
Two steam generators for heating plant	650,000
College of Education building ..	1,560,000
Physics building addition	672,000
Military and Naval Science building	800,000

Main Engineering building addition	720,000
Library roof house (additional for completion)	175,000
Comstock hall addition	400,000
Chemical storehouse	480,000
Law building library stacks.....	104,000
Law school addition	380,000
Wulling hall addition	442,000
Scott hall, north wing	156,000

DULUTH CAMPUS

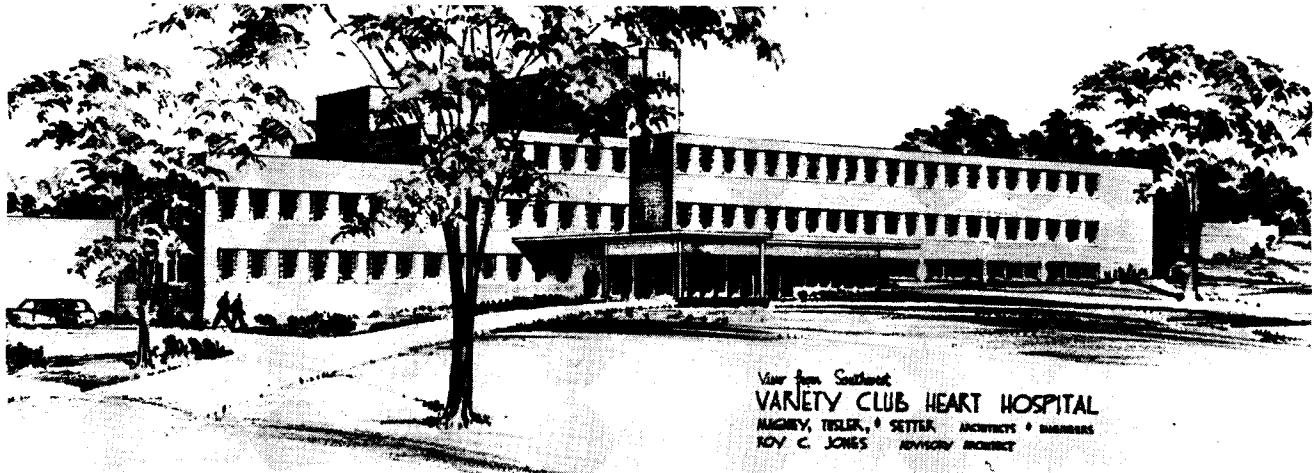
Science building (additional for completion)	330,000
Physical Education building.....	1,400,000
Heating plant and shops building	620,000
Heating tunnels and utilities	150,000
Library	572,000
Classroom building	416,000
Dormitory for women	380,250
Dormitory for men	380,250

WASECA

Classroom, laboratory, library, administration and health service buildings (in addition to \$750,000 appropriated by last legislature)	338,000
Men's dormitory	884,000
Women's dormitory	350,200
Heating plant and equipment.....	370,000
Heating tunnels and utilities.....	110,000
Additional farm buildings.....	125,000
Physical Education building.....	312,000

OTHER BRANCH STATIONS

Crookston, replacement of heating plant boilers	260,000
Grand Rapids, complete classroom building;	25,000
—sewage disposal plant.....	50,000
Duluth, dairy barn completion...	20,000
Rosemount Research center, buildings for agriculture.....	60,000
Morris, addition to agricultural building	135,000



Heart Hospital *CONSTRUCTION IS UNDERWAY*

CONSTRUCTION on the University's new Variety Club Heart hospital is beginning.

It will be the first hospital in the United States devoted exclusively to heart disease treatment and study. The only other similar hospital in the world is located in Mexico City, Mexico.

The site chosen for the 80-bed, three-story structure is the east bank of the Mississippi river, below Church street.

Money for the \$987,285 construction project will come from several sources. Members of the Variety Club of the Northwest, an organization of theatrical and entertainment men and women, already have given \$304,000. They are raising another \$160,000 in their current drive. The federal government is being asked to contribute \$301,271 under the Hill-Burton act for hospital construction.

The difference will be made up by the University. Royalties from copavin, an anti-cold drug developed by Dr. Harold S. Diehl, dean of the Medical school, will make up \$67,825. The remaining \$100,000 will have to be raised through a bank loan for a 10-year period.

Hospital facilities will consist of

40 children's beds and 40 for adults. There will be an out-patient department for non-hospital cases. An auditorium for 100 spectators will have room for wheelchairs and litters. Lounges and sun rooms of the University hospitals will be available to Heart hospital patients through construction of tunnels to the main buildings.

Because cost figures ran so much higher than estimates, some of the research laboratories in the hospital will not immediately be completed.

The American Legion is conducting a campaign for \$300,000 to endow a Research Professorship in Heart Disease. The Junior League of Minneapolis has pledged itself to pay the salary of a social worker.



Dr. Morse J. Shapiro, Dr. John M. Adams and Dr. Irvine McQuarrie watched President J. L. Morrill break ground for the new Heart hospital.

Toward WORLD UNITY

**Area Studies reflect
the spirit of
the times**

A MERICAN college students are forgetting their stay-at-home spirit to study in preparation for careers all over the world, and Minnesota's young people are no exception.

Still more Minnesota students who do not intend to leave the country or work directly in any field dealing with international relations are enrolled in the University's international relations and area study programs.

The post-war growth of the area study programs has been stimulated by this greatly increased spirit of internationalism. In turn, the area studies programs have aided and encouraged University students to do something about their interest in foreign affairs.

Essentially, the area programs are of a broad, cultural nature. Both undergraduate and graduate students may cross departmental lines in order to obtain a comprehensive understanding of the civilization—the way of life—of a people. The area studied may be western Europe, central Europe, Russia, the Far East, Latin America, or Scandinavia.

STUDENTS may obtain degrees in one or another of the area groups, or may enroll in a single course or series of courses to learn some particular phase of life or culture in the area.

December 1948



They've international relations on their minds! Talking it over are Professor Ralph O. Nafziger, Dean Theodore C. Blegen, and Professor Roland S. Vaile.

It's pretty hard for students who major in area studies to do a good job unless they concentrate on one area, because of the immensity of the field of study. They're encouraged to take one area, then supplement the study with general or professional courses in which they're interested.

To give a real picture to the students, areas are studied not on a geographical basis, but on the basis of

the culture or civilization of their peoples. The students take a core group of courses in the social, political, economic, and aesthetic ideas and institutions of the area. This is supplemented with classes in geography, history and language.

Students who obtain degrees in the area studies soon find that this "culture" has earning power. More and

Continued on page 16



Some of the members of the Interdepartmental Committee for International Relations and Area Studies meet. Left to right are: Professors Werner Levi, Walter R. Myers, Harold S. Quigley, Lawrence D. Steefel, Alrik Gustafson, Lowry Nelson, Charles H. McLaughlin.

Fund Request

CONTINUED

2. Continuing high costs—well above the level on which requests for the current biennium were based—involving among other things, substantial staff salary increases and larger outlays for supplies, equipment and plant operation.

3. The University's increasing teaching load at the advanced level—juniors, seniors and graduate students. The percentage of advanced level students has mounted rapidly since the war (now 57.3 per cent). It is estimated that it costs twice as much or more to teach these advanced students as it does freshmen and sophomores.

4. Increased demands for research and service involving problems which affect the economy, the social and political life, the general well-being of the state and its citizens.

The requested general maintenance appropriation of \$12,182,255 annually, an increase of \$4,095,007 yearly over the 1947-49 appropriation, was recommended by the Regents, President Morrill said, after a detailed analysis of income loss from tuition and services and consideration of price increases.

University income for maintenance and operation during each year of the coming biennium is estimated at \$1,023,352 less than in 1948-49, the president stated. This decline is chiefly in tuition income.

For veterans attending the University under the G. I. and Rehabilitation bills, President Morrill explained the Veterans Administration has paid non-resident tuition rates which in general are more than twice the resident rates. In this way the federal government, since the war, has helped the state to carry its abnormally large

load of college student enrollment.

"A university does more than teach," President Morrill asserted in explaining the requested \$301,500 annual increase in special appropriations. "It carries on research and offers service in many ways. Demands for research and service have never been as many nor as insistent as now.

"World War II demonstrated beyond question the value and necessity of research," he added. "It put a high premium on scientific 'know how'. Government turned to universities to find the scientists needed in all fields—technology, agriculture, medicine and health and the social sciences.

"As a nation, as a state, people are now keyed to the significance of research. As individuals, as organized groups, they are pressing in upon the University. The University is a great laboratory with a staff that is besought constantly to push back the frontiers of knowledge, to find answers to fundamental questions through pure research."

To meet these obligations, the University head stated, the staff must be strengthened constantly through the recruiting of young scientists and scholars and through resistance to attempts to lure away its older, outstanding scientists and scholars.



Staff Raises asked in NEW BUDGET

INCLUDED in the \$4,095,007 requested increase in the annual general maintenance appropriation along with the \$1,023,352 to offset the anticipated income drop, is \$965,071 to provide a 12½ per cent increase in faculty salaries and \$570,240 for cost-of-living and merit increases for civil service staff members. Proposed advances in faculty and staff salaries will bring these salaries into closer relationship with the Bureau of Labor Statistics cost-of-living index which now exceeds 173.

Also included in the increased maintenance appropriation request for each year of the biennium is \$215,898, 2.8 per cent of the 1948-49 academic payroll, to provide for new academic positions.

New civil service positions included in the maintenance requests carry salaries totaling \$151,163, or 2.7 per cent of the 1948-49 civil service payroll. Of this amount, \$33,800 is to provide for custodial positions in new buildings under construction or already planned and for which the Legislature has made appropriations at previous sessions.

Introducing . . .

NEW to the University staff is Dr. John N. Campbell. He has joined the School of Veterinary Medicine as an associate professor.

Dr. Campbell graduated from the University of Toronto in 1915. He has been in private practice since that time.

Past president of the Minnesota State Veterinary Medical Society, Dr. Campbell also is a member of the American Veterinary Medical Association.

FLAX RESEARCH MAY START BOOM

University Shirt Tale Is Worth \$10,000

IRELAND soon may expect some competition from Minnesota, for this state of many lakes, through research conducted by the University of Minnesota, has been found suitable for the raising of flax and the production of linen.

For the past eight years, members of the staff have been conducting research in flax raising and linen manufacturing and recently Comptroller Laurence R. Lunden was presented with a result of their effort—a linen shirt valued at \$10,000.

The research project was begun by Professor Ralph E. Montonna of Syracuse, New York. At that time he headed the Minnesota Institute of Research which has supported the project, and he visualized a linen that would sell at a cost comparable with high-grade cotton.

THE long years of research and work account for the high price of the shirt presented to Mr. Lunden. The \$10,000 figure is conservative when you estimate the cost of developing the material for the shirt. Yet at current prices, such a shirt made of high-grade linen would cost about \$20 and this "test" shirt would retail for about the same figure.

Theodore C. Blegen, Dean of the Graduate school and chairman of the project, hails the work as most important because, "it is a Minnesota product, and Minnesota will soon become a center for high-quality linen goods which will compete with Irish products."

Dean Blegen says that linen does not have to cost more than good cot-

ton material, for flax actually is cheaper. It is the hope of the University that Minnesota can produce a domestic linen within the range of the "average man's pocket book."

This single shirt was produced in a series of steps. The flax was raised in Minnesota and the processing done here. The shirt material was woven in the east, then bleached and finished at the University and finally tailored by a Minneapolis firm.

The thread was made at the University with Professor Lloyd H. Rey-

erson, assistant dean of the School of Chemistry, directing the establishment of a pilot plant for the manufacture of the thread.

THE shirt is made of material that is as good as any Irish linen and when tested with Irish linen, results showed that both pieces of material wore out at about the same time.

With Minnesota farmers able to raise flax and manufacturers produce linen of the same quality as that imported from Ireland, the state soon should have another product which can be traced back to the work of University scientists.



Laurence R. Lunden, University comptroller, looks over his new, white, \$10,000 linen shirt.

CONTROLLED CUTTING

Forestry Division teaches cultivation of bumper tree crops

HAVE you ever thought to yourself "What a waste it is to cut young evergreens just when they are growing up to useable timber size, use them a week and then throw them away"? Or, "How romantic it must be to gather mistletoe"?

They aren't and it's not. Not to members of the University of Minnesota Division of Forestry.

Cutting young evergreens for Christmas trees need not reduce the amount of harvestable timber in the state. Rather it can help production. And foresters consider romantic mistletoe a serious economic pest, particularly in Minnesota black spruce.

F. H. Kaufert, head of the Forestry division, explains it this way. Trees need proper space to grow in, just as do farm grain crops.

IN a forest, proper thinning of both seedlings and mature trees opens up dense, congested areas so that the remaining trees get their share of sunshine and soil nutrients. The trees taken out can be used for Christmas decorations or some other definite purpose. Those left grow faster and become useable quicker.

In plantings, Christmas trees can be a good form of land use on a six to ten year rotation with clean cutting of planted trees and a replanting for another crop.

As to the mistletoe, forestry students at the St. Paul campus are taught that it is a vampire plant, or parasite, which obtains most of its food from the host tree on which it grows. It forms clus-

ters of twigs called witches' brooms, which don't do trees any good.

Teaching forestry is only a part of the job being done by the Division. Experimental work is going on at University Farm and at various research stations throughout the state to help farmers and others make forest areas more productive.

One such project is the study of elms and elm substitutes recently begun at the Mayo Forestry and Horticulture Institute at Rochester. The study is being undertaken to find the best replacement materials should American elms in Min-

nesota be damaged by Dutch elm and "phloem necrosis" disease, as has happened in some other sections of the country.

Phloem necrosis and Dutch elm disease have caused serious losses in eastern and some central states recently. In Columbus, Ohio, entire streets were stripped of beautiful trees. Should either disease strike in Minnesota—where there are about a million American elms in the Twin Cities alone—Mr. Kaufert hopes to be ready with protective measures, replacement trees and diversification plantings.



Professor F. H. Kaufert looks over some plastic products made from wood. Student foresters study all of these new uses for wood and wood products during their training.

The Division of Forestry, University of Minnesota, is one of the oldest institutions offering forestry work in the country and was one of the first to undertake a program of forestry research.

Courses in forestry were given in the College of Agriculture, Forestry and Home Economics as early as 1896, with formal organization of the Division in 1905. The Division is now rated among the outstanding forestry schools in the United States.

AS early as 1908, the Division established a summer camp in Itasca State Park for training students. Today this camp is considered one of the best field stations in the country by educators.

In recent years, the Lake Itasca Forestry and Biological Station, as it is now named, has been the home of numerous graduate students, college teachers, and others during the five weeks session in late summer. This use, following that made of the Itasca Station by freshmen foresters during the first weeks of summer, has resulted in particularly rapid development in facilities during the past few years.

The University acquired the Cloquet Experimental Forest in 1909. Since its acquisition, this area has been under continuous forest management and it now stands as a striking accomplishment of forest production on what would otherwise be relatively poor non-agricultural land. Included in the Cloquet Experimental Forest is one of the few remaining virgin stands of red, or Norway, pine.

EVERY spring, senior forestry students take advantage of excellent housing facilities at Cloquet while operating their own corporation on the forest. Instruction in forest management, wildlife management, planting and numerous other phases of forestry are given



E. J. Chaney, one of the builders of the Forestry Division, pictured in front of the Paul Bunyan mural in Green hall just before his retirement.

the students. The forest is still growing. At present additional acreage is being acquired to round out the boundaries and improve management and protection facilities.

AT Lake Vadnais, close to the St. Paul campus, the Division has established an interesting example of reforestation on watershed areas, in cooperation with the St. Paul City Water Department. The Lake Vadnais Plantations, covering nearly 300 acres, have become a showplace for Twin City residents.

Another interesting development is the Chapman Plantation on the grounds of the North Central Branch Station at Grand Rapids. This plantation is the oldest in the state—and one of the oldest in the United States—having been established in 1900 by Herman Haupt Chapman, Professor Emeritus of Yale School of Forestry. Chapman was the first graduate of the Minnesota Forestry School, and received an honorary Doctor of Science degree from the University in 1947.

As was pointed out above, the Mayos, whose name is associated with the University through their medical interests, have a deep interest in forestry. The culmination of this interest was the establishment of the Mayo Forestry and Horticultural Institute in Rochester, in 1945. Work is now under way there on tree development and improvement, tree genetics, Christmas tree plantings, and several other phases of forestry in addition to the elm replacement studies.

GREEN Hall, named after Samuel B. Green, the first chief of the Division of Horticulture and Forestry, is the main building of the Forestry Division. This building is considered one of the best planned forestry buildings in the country.

Provisions for research have not been neglected in Green Hall. In addition to facilities for research by the Division of Forestry staff, it also houses the Lake States Forest Experiment Station of the U. S. Forest Service, which conducts the majority of the forest research work in the Lake States.

Two Honored

Peters and Winters, Win Society Awards

TWO University of Minnesota animal husbandmen have been awarded national honors by the American Society of Animal Production for outstanding work in livestock production and breeding work.

Professor W. H. Peters, chief of the Animal Husbandry division, was named Honor Guest of the Year by the Society at its annual dinner.



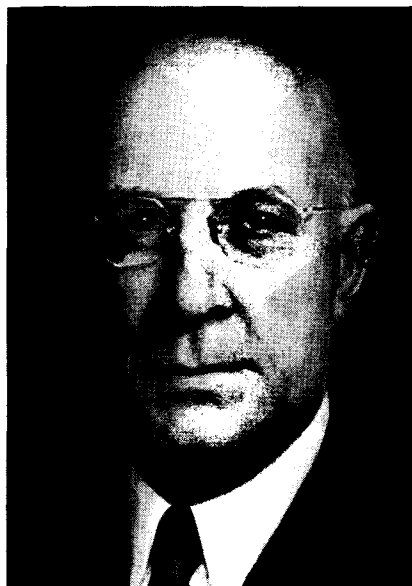
Professor L. M. Winters, 1948 winner of the Morrison Award.

Professor L. M. Winters, animal breeding section head of the livestock division, was named 1948 recipient of the \$1,000 Morrison Award by the Society for distinguished services in animal husbandry research.

Mr. Peters was elected as Honor Society Member of the Year in recognition of his outstanding leadership in the field of Animal Husbandry teaching and research. His portrait was hung in the world famous gallery of the Saddle and Sirloin Club in Chicago during the banquet in the clubrooms.

He became chief of the Division of Animal Husbandry on the University of Minnesota farm campus in 1921. During his years as division head, the animal husbandry staff was enlarged from a five man division to one of eighteen.

Aside from his academic achievement, Professor Peters has done much through farmer contacts to improve the livestock industry and animal production throughout Minnesota and



Professor W. H. Peters, named Honor Member of the Year by the American Society of Animal Production.

the nation by his sound thinking, ability and services in practical farmer-stockmen problems.

Professor Winters, distinguished for his service in Animal Science, is a foremost research worker in the field of animal breeding. His accomplishments include the development of the famous Minnesota No. 1 and No. 2 swine breeds.

The award given Professor Winters is offered annually. The winner of the award is selected each year from the country-wide membership of the American Society of Animal Production by a society committee.

Professor Winters has been a member of the Animal Husbandry staff at University Farm since 1928.

Outstanding among the many research projects Professor Winters has directed are the studies in crossing swine breeds, the physiology of reproduction and prenatal development of farm animals, techniques in artificial insemination of cattle, and methods of breeding for the improvement of farm animals. His work has attracted world-wide attention to him as an authority in animal breeding and genetics.

His development of the Minnesota No. 1 and No. 2 lines established Professor Winters as one of the leading pioneers in the application of genetic principles to the improvement of farm animals.

Scholarships Set for DULUTH BRANCH

STAFF members at the Duluth Branch of the University are now in the running for Regents' Scholarships.

At a recent meeting of the Board of Regents, the awarding of six Regents' Scholarships during every academic year at the Duluth Branch was approved.

The same conditions and requirements that govern winning the scholarships on the Minneapolis and St. Paul campuses are in force. Any full time Civil Service staff member of the Duluth campus who is interested should go to the Provost's office in the Administration building to apply.

The Minnesotan

Bureau Set For Heavy Use



REALIZING the importance of an increased knowledge and understanding of international relations, the International Relations Bureau is developing a program of activities that will make its influence felt through the Twin Cities and all over the state.

Re-established in the Fall of 1947, after its wartime inactivity, the Bureau, in 204 Nicholson Hall, now is staffed by Betty Goetz, who is in charge, and Jan Hohmann, secretary, and emphasizes the coordination and development of student International Relations programs. The Bureau is an arm of the University's International Relations and Area Study programs.

In order to implement this work, the Bureau is helping to set up an International Relations Council which will coordinate the activities of the many campus organizations interested in international relations.

Aside from their regular tasks, such as collecting reading material and preparing the Bureau office for staff and student use, Miss Goetz and Miss

Hohmann are setting up a card catalog of speakers that are available in this area. Information as to the speaker's topic, his background and the time he has available for speaking will be collected and offered for the use of the University staff and organizations throughout the Twin Cities. Also, the Bureau will chart the arrival of important people in the field who are to speak in this area, and will convey information about such people to different groups who are interested in hearing them at their meetings.

The Bureau has as another function, a close-working connection with the United Nations. Working with the UN public relations agency, Miss Goetz and Miss Hohmann assemble material about the UN and maintain a sizeable file on its activities. Staff members and anyone else who desires information about the UN may send inquiries to the International Relations Bureau and the two staff members will do their best to locate the answer. It is hoped that the Bureau will become a UN information center

Jan Hohmann, Betty Goetz, and Aarno Arola, graduate student from Finland, look over some of the International Relations Bureau's reference material.

operating for the State of Minnesota.

Also in the "hoped for" stage are plans for the building of a UN Speaker's Bureau. At present the Bureau attempts to fill requests for speakers on the UN but the requests are many and qualified speakers available few.

In order to carry out its plans and to be of greater service to the University staff, students and citizens throughout the State, the Bureau is setting up a volunteer staff to work on research projects and to aid in the expansion of its numerous other activities. In this way, Miss Goetz and Miss Hohmann hope that there will be enough help for the Bureau to carry out its fast-growing program of providing material as an aid toward understanding international relations.

Working Women Organize A CLUB WITH A PURPOSE

IF you're a woman, you're naturally interested in the other people who work for the University—what they do, how their jobs fit in with yours, and even in their hobbies if these are the same as yours.

If you're a man, chances are you're interested in this sort of thing, too, but you haven't done as much about it as one group of women Civil Service staff members.

Just seven years ago, some of these women who work at the University got together and decided to form a club. They wanted to meet the other women with whom they'd talked by telephone or exchanged inter-departmental correspondence. But most of all, these "founders" thought that membership in a University-wide club would help them feel that they belonged to something bigger than



Officers of the Co-Efficients line up to have their pictures taken. Seated are Betty Jane Reed and Evelyn Ahlgren. Standing, left to right, are Martha Meyer, Irene Diessner, Marian Olson, Gertrude Koll, Betty Baumer, Henrietta Novy.

the office in which they worked. Club members, by meeting others from every department of the University, would be able to see how their jobs fitted in to the entire picture of University service.

Of course, as women do, these founders dug up still more reasons for forming a club, all of which have helped to make the "Co-Efficients" a successful organization. For women Civil Service staff members who know few people in Minneapolis or are new to the campus, the club meetings are a chance to make new friends. And for all the members, the club organization constantly is an encouragement for members to take part in the cultural, recreational and social opportunities right at the University; not to mention joining in the club's own frequent social and service activities.

That's exactly what the Co-Efficients club is doing now. Activities range from big monthly meetings featuring style shows, horseback riding, parties and picnics to card parties for patients at Veterans Hospital.

Smaller interest group meetings are held regularly. These include interior decorating, knitting, music appreciation and bridge instruction classes. Under the direction of a



Canteen workers at the Veterans' Hospital are Evelyn Ahlgren, Victoria Swanson, Zellia Cleveland, Gertrude Koll and Marian Olson.



Co-Efficients playing bridge at a party given for patients at Veterans' Hospital.

group leader, Co-Efficients with similar interests have an opportunity to meet, usually at the home of one or another of the group members, and spend an educational and interesting evening together.

During the war years, the activities of the Co-Efficients were far more concentrated. The then newly organized club dropped all program plans except war service ventures. Co-Efficients members spent many long hours rolling bandages, doing volunteer hospital work and managing canteens for the armed forces. They contributed money to the Red Cross and sent CARE packages to Europe.

Ever since the war's end, the men of the army and navy have not been forgotten. Working through the Red Cross, the Co-Efficients occasionally entertain the Veterans Hospital patients at card parties. Members staff the hospital canteen every Thursday evening and on Sundays.

Our own University Hospitals are

not forgotten by the Co-Efficients. Every year, they make gay play hats for the ill children's holiday parties.

All this sounds like a pretty full program, but eager President Betty Jane Reed, senior clerk-typist in the College of Education Bureau of Recommendations, claims that this is only the beginning. She and other members of this year's executive committee are working out sound plans for enlarging the club's active membership and increasing its activities. Members of the committee include Vice-President Betty Baumer, who is secretary in the Physical Plant offices; club Secretary Martha Meyer who is secretary for Mines Experiment Station; Treasurer Evelyn Ahlgren who works as senior clerk-typist for Food Service.

Henrietta Novy, secretary for Agricultural Biochemistry, is publicity chairman for the club; Irene Diessner is senior clerk-typist in Food Service and social chairman of Co-

Efficients; Gertrude Koll, administrative secretary for Vice President Middlebrook's office, is membership chairman; and Marian Olson, senior secretary in Service Enterprises, who as a past president of Co-Efficients, serves as advisor.

Next year, Miss Reed explains, the club hopes to have more varied interest groups to supplement the large monthly membership meetings, and an even larger active membership among the women Civil Service staff members of the University.

And knowing women, we shouldn't be at all surprised.

Funds Asked for New Business Research Division

ESTABLISHMENT of a division of business and economic research to help businessmen throughout the state is being sought by the University.

The University's board of regents is asking the Legislature for a special annual appropriation of \$25,000 for the next two years to set up and operate such an agency to aid business concerns, especially smaller enterprises.

The School of Business Administration has outlined four activities which such a bureau would conduct.

It would carry on impartial research in economic problems which face the state and businesses. It would develop studies which would enable communities to evaluate their own economic situation, and it would offer advisory and informational services not extended by private or government agencies.

Its fourth activity would be to organize conferences and short courses in the Twin Cities and throughout the state.

Staff Member of the Month . . .

Nichols medal to be given world leader in chemistry

IN his Holland high school, Izaak failed French. In America, some years later, the same Izaak M. Kolthoff, distinguished analytical chemist, has been named winner of one of science's highest awards.

The honor is the William H. Nichols medal, to be awarded in New York March 11 by the American Chemical Society.

A citation accompanying the medal will laud Mr. Kolthoff, now head of the University's Analytical Chemistry department, for "world leadership" in developing modern analytical chemistry, "outstanding service in training of analytical chemists" and "rich contributions" to scientific theory.

Among others of the distinguished company who have previously received the same award are Glenn T. Seaborg, first to isolate the A-bomb element, plutonium; James Bryant Conant, president of Harvard university; and Thomas Midgley, who developed ethyl gasoline.

Most recent of Mr. Kolthoff's discoveries is a new synthetic rubber process which yields a synthetic product called "cumene." Cumene is far better than wartime synthetics—and even expected to wear 30 per cent better than natural treads.

Production of the new synthetic combines the Minnesota recipe, below-freezing temperatures, German wartime secrets and a new and more successful catalyst (an agent that causes and hurries a chemical process).

December 1948



Izaak M. Kolthoff, winner of the William H. Nichols medal.

Mr. Kolthoff attributes his and his colleagues' success to long months of tedious experiments, a "bit of good

Laundry

CONTINUED

Marjorie O'Neill, Caroline Joonson, and Bernice Dyre, press operators.

Hand ironers are Mae Dudas, Agnes Eng, Florence Bowman and Ragna Becklund.

In the flat work department are Hildur Gustafson, Helga Miller, Louise Antolik, Edith Peterson, Mary Bartko, Anna Vasely, Vera Solomon, Amanda Oswald, Nora Wida, Helen Rychley, Anna Kovach, Mary Bassett.

Lucille Mooney, Marie Kodytek, Leonie Koeperich, Dorothy Willson, Bernita Mortenson, Lorraine Chanvin, Myrtle Stoner, Florence Colver, Samelia Metzker, Myrtle Johnson, Harriet Dean and Carl Altman.

James Klema is senior custodial worker for the laundry.

luck" and a liberal dose of "chemical horse-sense."

All of those ingredients have been his for many years, however; for Mr. Kolthoff, even before he received his Ph.D. degree in Europe, has been doing valuable research, teaching, and writing.

After making a name for himself in Europe, Mr. Kolthoff was called upon to lecture in the United States and Canada. In 1927, he joined the staff of the University of Minnesota, and became a United States citizen in 1940.

He is the author of over 700 scientific publications, published in English, German, French and Dutch.

University REMINISCENCES

NOT until 1921 did the Legislature agree with the Regents that the Great Northern railroad tracks which cut across the Minneapolis campus were an interference with the work of the University.

Back in the 1880's, the Minnesota Supreme Court had decided that the tracks were so far away that the University would never be interfered with seriously because of their location. But the University did grow. The railroad tracks crossed its very center. Finally, in 1922, a contract between the railroad and the University was signed and the tracks came out.

This meant the erection of a new bridge across the Mississippi River, the relocation of the tracks, and other negotiations. It was well worth the trouble, though, for the University has been able to develop its building program along natural lines and carry on scientific work of a more precise nature than possibly could have been done otherwise.

Toward World Unity CONTINUED

more vocations and careers are available to graduates of just such courses as the University's area studies program. Many of these are a direct result of America's increased participation in world reorganization.

Many students are preparing themselves for posts in the federal government and agencies, such as UNESCO, which share in the conduct of international relations. Others are training for positions of a more technical kind in such activities as foreign trade,

transportation, banking, and journalism. Still others look for openings in teaching and research.

Occupational opportunities of this kind, according to Harold S. Quigley, chairman of the Department of Political Science and chairman of the Interdepartmental Committee for International Relations and Area Studies, are likely to increase rather than decrease in number and variety. Chances for jobs will be steadily greater as our interrelations with

other countries in the world expand.

Members of the Interdepartmental Committee for International Relations and Area Studies, in addition to Professor Quigley, are: Lawrence D. Steefel, professor of History, vice chairman; Charles H. McLaughlin, assistant professor of Political Science, secretary; T. Raymond McConnell, dean of the College of Science, Literature, and the Arts.

THEODORE C. BLEGEN, dean of the Graduate School; George W. Anderson, assistant professor of History; Harold C. Deutsch, professor of History; Alrik Gustafson, chairman of the Department of Scandinavian; James A. Cuneo, associate professor of Spanish, acting for Emilio C. LeFort, associate professor of Romance Languages, on sabbatical; Werner Levi, associate professor of Political Science; Walter R. Myers, associate professor of Economics and Finance; Ralph O. Nafziger, professor of Journalism; Roland S. Vaile, professor of Economics and Marketing; and Lowry Nelson, professor of Sociology.

Swing Your Partner



PEOPLE having fun are these at the staff folk dancing parties, held twice monthly.

The staff-run dances take place on the second and fourth Thursdays of the month in Coffman Memorial Union, with "Luke" Lukaszewski calling. The charge of 25 cents a person pays all expenses for the party, which starts at 8:15 p.m.

Both Civil Service and Academic



staff members come, sometimes alone, often with husband, wife, boy friend or girl friend.

You're invited to join the folk

dance group, whether you're an amateur or a professional at this sort of thing. We guarantee that you'll enjoy it.

The President's Page

THE 1949 session of the State Legislature must be asked to consider the largest request for appropriations ever made by the University of Minnesota.

The Regents of the University, citizens who serve without salary, have submitted financial requests based upon the most careful appraisal of present and future needs.

For most citizens of the state and the nation, the high cost of living and doing business is very real. It is no less real for this University. Costs of the things we must buy are at a minimum 10 per cent higher today than last year, and many items have increased far more than this. These increases are reflected in the University's needs.

There are still other factors bearing upon the University's expenditures which are especially evident to staff members.

The record-breaking enrollment that occurred on this campus after the war is presently declining, although it will rise again above present levels later on. But student veterans, for whom the Veterans Administration has paid non-resident tuition rates, are declining in numbers at a faster rate than the student body as a whole. The resulting income loss must be counterbalanced to provide for the instructional, research and service job that remains.

Meantime, despite declining enrollment, the teaching load at the advanced level—juniors, seniors and graduate students—continues to mount. Members of the University staff know that it costs at least twice as much to teach these advanced students as it does freshmen and sophomores. Advanced students require smaller classes, more equipment and more highly trained and salaried instructors.

A University does more than teach. It offers an enormous range of public service and research not tied to enrollment, and demands for research and service have never been as many, nor as insistent, as now. Scarcely a department of the University does not feel this pressure by individuals and by organized groups.

The Medical School is implored to study diseases that kill and cripple: infantile paralysis, heart disease, brucellosis—the enumeration is as long as the list of human ills. In agriculture: soil problems, animal diseases, problems of plant breeding. In technology: radar, nuclear physics and the atom, wind tunnel performance of air-



planes, the chemistry of explosives—these are typical. The University is a great laboratory with a staff that is besought constantly to penetrate the unknown, to find answers to fundamental questions through research.

To meet these obligations, the staff must be strengthened constantly through the recruiting of young scientists and scholars and through resistance to attempts to lure away its older, outstanding scientists and scholars.

In spite of the rising costs and the great post-war demands upon the University, the 1949 request for funds involves over-all increases of only 17 per cent. The emphasis must necessarily be on the maintenance of a strengthened status quo. However, if this request is granted, we shall be holding the line; we shall be maintaining the integrity of the University; we shall be able to do some things better than we are now doing; we shall be better able to retain and recruit staff than now; and in a few fields, we shall be able to strike out freshly.

In placing these needs before the Minnesota Legislature, the Board of Regents and the University staff are confident that the Legislature will recognize, as it has in the past, that the University is the most significant investment the state can make in terms of the productive wealth and welfare of the people of Minnesota.

F. L. Merrill



THE MINNESOTAN

Published for Staff Members of the University of Minnesota



VOLUME II

February 1949

NUMBER 5

MARCH 11 TO APRIL 8

The University of Minnesota Calendar of Events

CONCERTS: MINNEAPOLIS SYMPHONY ORCHESTRA (Northrop Auditorium)

March 13—St. Olaf Lutheran Choir. Twilight Concert. 4:30 P. M.
March 18—Claudio Arrau, Pianist. 8:30 P. M.

CONCERTS: UNIVERSITY ARTISTS COURSE (Northrop Auditorium)

March 28—Robert Shaw Chorale. 8:30 P. M.

MASTER PIANO SERIES (Northrop Auditorium)

March 30—Pierre Luboshutz and Genia Nemenoff. 8:30 P. M.

EXHIBITIONS

(University Gallery, Northrop Auditorium)

March 7-25—The Modern House.
March 21-April 15—Jewelry, Ancient and Modern.
April 4-22—Paintings of Walter Quirt.

CONVOCATIONS

(Northrop Auditorium 11 a. m.)

*March 31—Robert S. Hartman. "America's Economic Formula for the Future."
April 7—Alfred Bailey. Natural Color Motion Pictures on "The Mormon Land."

SPECIAL EVENTS

March 17—Winter Quarter Commencement. Howard Pierce Davis, "Tear-Marks of Progress." 8:00 P. M.
March 24—Staff Folk Dancing. Coffman Union. 8:00 P. M.
March 27—Claire Coci, Organ Recital. Northrop Auditorium. 4:00 P. M.

LECTURES

(Museum of Natural History Auditorium)

March 13—Dr. W. J. Breckenridge. "Backstage in Building Museum Groups." 3:00 P. M.
March 20—Dr. Dwain W. Warner. "Nature's Sounds Recorded." 3:00 P. M.
March 27—Donald K. Lewis. "Prairie Wildlife." 3:00 P. M.

UNIVERSITY PRESS PUBLICATION DATES

March—"Weekly Newspaper Makeup and Typography." Thomas F. Barnhart.
March—"Minnesota Geological Survey Bulletin 33." (Geology of the Duluth metropolitan area) George M. Schwartz.

SIGNIFICANT UNIVERSITY BROADCASTS

KUOM. 1:00-1:30 P. M. University of the Air, World Affairs Today. Every Thursday.
2:00-2:15 P. M. Background of the News. Every Monday through Friday.
2:00-4:30 P. M. Afternoon Concert. Every Saturday.
1:00-1:30 P. M. University of the Air, London Forum. Every Tuesday.
The University Reports to the People:
March 12—"For These Our Children." 4:45-5:00 P. M.
March 19—"Education for Living." 4:45-5:00 P. M.
March 26—"Atomic Energy for Peace." 4:45-5:00 P. M.
* Also broadcast over KUOM.

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COPIES ARE ON SALE AT THE UNION BOOK STORE

Photographs throughout this issue of The Minnesotan were taken by the University Photographic Laboratory.

HELPING HAND FOR 4-H

UNIVERSITY PLAYS *backstage rural youth role*

TO the American public, the 4-H Club member is a symbol of a movement that produces healthy, clean-cut, intelligent youngsters representing the best in rural life.

The public knows about 4-H's health kings and queens, its livestock shows and its fairs. It knows, too, about the calves the young people raise, the gardens they care for, and the clothing they make. Yet most people know nothing about the trained professional workers and the volunteers who work with the 4-H'ers to help them make such a success of their program. Leadership on a national basis is supplied by the United States Department of Agriculture, locally by the University's 4-H Club staff and the county extension agents.

The part played by the University is small, however, when compared with that of 5,000 rural adult leaders who give so much time and effort to 4-H work. These volunteers spend, on the average, at least 16 days each year advising and aiding 4-H youngsters in their project work and activities. Their only compensation is the satisfaction gained by assisting the development of worthwhile youngsters.

The University's contribution to the 4-H movement is a full time staff of eleven members at the St. Paul campus, and county extension workers in every one of Minnesota's 87 counties. Headed by Paul E. Miller, professor and director of Agricul-



A. J. Kittleson, state 4-H Club leader and associate professor of Agricultural Extension, congratulates the young winner of a county fair contest.

tural Extension and state 4-H Club leader, this staff provides leadership and educational aid to clubs in their project work and activities.

ALSO on the state 4-H staff are Glenn I. Prickett, assistant professor and assistant state 4-H Club leader; H. A. Pflughoeft, district 4-H Club supervisor; B. V. Beadle, assistant professor of Agriculture and district 4-H Club supervisor; Gwendolyn Malum, state 4-H Club agent; Mary Anderson, state 4-H Club agent; Carol Sanstead, state 4-H Club agent; Osgood Magnuson, instructor in Agricultural Extension and state 4-H Club agent; Kathleen Flom, state Rural Youth agent; Paul J. Moore, assistant professor of

Agricultural Extension and assistant Rural Youth leader; and Viola Stallman, senior secretary.

Much of the work done by state staff members is administrative. They travel throughout Minnesota helping county extension agents organize 4-H clubs and work out projects. The St. Paul campus people also arrange state 4-H camps, prepare printed material and outlines for the use of 4-H leaders and members, conduct leader training meetings to familiarize new adult leaders with the program, and organize the state fair and Junior Livestock 4-H shows.

Nevertheless the University staff members cheerfully admit that the success of this program can not be

Continued on page 14

State Notes 'University Week' SPECIAL EVENTS HELD

THE 98th birthday of the University was celebrated with speeches, radio programs, exhibits and many other special events during "University of Minnesota Week," February 13 to 19.

This second annual celebration of the week was sponsored by the Minnesota Junior Chamber of Commerce and the General Alumni Association of the University.

Attention was called in various ways during the week to the services rendered by the University to the people of the state and its contributions to the state's economy and culture.

Exhibits of the work of many departments and divisions of the University were displayed in the show windows of Minneapolis and St. Paul stores and banks.

At luncheons given by the Junior Chamber of Commerce, the Alumni Association and service clubs all over the state, staff members from many departments spoke on various phases of the University's research and study.

TIED in with the week's program were the annual Sigma Xi lectures, presentations in popular form of scientific research problems being solved in the fields of iron and agriculture by some of our University scientists. The lectures were sponsored by the Minnesota chapter of Sigma Xi, scientific research society of America.

Highlight of "University of Minnesota Week" on the Twin Cities' campuses was the special Charter Day convocation, held in commemo-

ration of the University's founding in 1851. Speaker was Congressman Walter H. Judd of the Fifth Congressional district of Minnesota. Honored guest at the convocation program was Mrs. George Chase Christian, who was presented a "Builder of the Name" medal in recognition of her services to the University.

The people of all communities of the state were called upon in Governor Luther W. Youngdahl's proclamation calling for observance of "Minnesota Week." They were asked to "join during that week in special activities recognizing and honoring the University's services and to re-dedicate themselves faithfully to its support."

Mrs. Christian Wins 'BUILDER MEDAL'

MRS. George Chase Christian of Minneapolis was awarded the University's "Builder of the Name" medal at the Charter Day convocation recently.

Honored for her interest in and support of the Medical School, Mrs. Christian is the third person and the first woman to receive the medal.

She has long been active in social work and organizations in Minneapolis and throughout the state. Her interest in the University has greatly advanced medical studies, particularly in the field of cancer research.

The "Builder of the Name" medal was established by the Board of Regents in 1947 to be given in recognition of services to the University. Previous recipients of the medal are Fred B. Snyder, chairman of the Board of Regents, and E. B. Pierce, retired director of Alumni Relations.

The Minnesotan



Governor Luther W. Youngdahl is shown at his desk signing his proclamation of "University of Minnesota Week", while Donald Lampland, state chairman, Edwin C. Haislet, General Alumni secretary, and President J. L. Morrill look on.

The mail IS DELIVERED

Carriers proud of Sherlock Holmes abilities

SOMETIMES the staff members in the distribution room of the campus postoffice wonder if they're not operating a lost and found department.

An amazing number of the 5,000 pieces of campus mail they handle daily are misaddressed, have incomplete addresses or arrive in the Minneapolis campus Administration building office without any address at all. Some staff members even insist on using the campus mailboxes located in every building as United States mail collection boxes. Add to this misaddressed United States mail—usually addressed simply to “Mr. John Jones, University of Minnesota”—which the United States Postoffice sometimes turns over to the campus postoffice for tracing, and you're face to face with the problems of Burke Watson, who has charge of the campus mail center.

MR. Watson and the eight men who work with him collecting, sorting and delivering all Minneapolis campus mail and handling United States mail sent to the Administration building take pride in their Sherlock Holmes skills, however; they claim to deliver mail consistently which would go right back to its sender for readdressing if any other postoffice was handling the job.

An up-to-the-minute card file with



Mail is sorted into the labeled wall-boxes in this campus mail distribution room, then quickly loaded into mailbags and delivered to department offices.

names and office addresses of every staff member supplements the University staff address book as a reference for locating “lost” people.

When mail arrives in the distribution room without addresses or return office numbers, the staff is forced to open the envelopes to identify the senders.

All campus mail, whether incompletely addressed or without any address at all gets delivered, though it may be necessary to bring it back to the sender first. There is no dead letter office for campus mail.

The mail that makes these staff members happiest, though, has the name, department building, and department office number included in the address.

They are fondest of staff members who don't think mail carriers are endowed with mystic powers and can tell if an “M” stands for Murphy, Millard or even main campus. Correct abbreviations, complete ad-

resses, even return addresses on envelopes hasten delivery. The staff address book carries all the standard abbreviations for reference in case of a question.

STAFF members also could do the mail handlers a favor by double-checking letters addressed to members of the Medical Sciences staff.

“Too often,” says Mr. Watson, “this mail is addressed simply to Dr. John Jones, Medical School. It takes a lot of extra work to find out if Dr. Jones is at the Mayo Foundation in Rochester, if he has an office in the Hospitals, in Millard Hall, the Anatomy Building, Medical Sciences, or even one of the temporaries.”

Most users of the campus mail system don't expect delivery miracles.

The tale of one person who did however, is still being retold. This person sent invitations to a party through campus mail and became

quite irate with the department when no replies were received. Investigation showed that the envelopes had been delivered—empty. The invitations themselves were still on the staff member's desk.

THEN there are the packages. "We just can't handle them," Mr. Watson explains. "Buildings and Grounds does deliver packages, and anyone wanting to send boxes to other parts of the University should call that department."

Campus mail is delivered twice a day on the Minneapolis campus. A separate system is maintained on the St. Paul campus, and mail is exchanged twice daily between the campuses.

Deliveries are made between 7 and

8:30 a.m. and 2 and 3:30 p.m. Collections from 30 pick-up boxes are made at noon, 2 and 5:15 p.m. Department offices pickups are made at 2 p.m.

It wasn't always this easy to send and receive campus mail. Back in the early days of the University—before 1900, when a simple postoffice system was set up on campus—a big metal can, centrally located, served as mail room and postoffice box alike. You dropped in letters for other staff members and for students, and you fished your own mail from the can.

As the University has grown, the campus mail system has grown proportionately. Today it is a well-organized smooth-running department of the University. The mail depart-

ment is supervised by Service Enterprises. J. C. Poucher is director.

The eight mailmen who assist Mr. Watson include Francis Kerr, Robert Martin, Winton Matson, Edward Schentzel, Mel Schroder, John Studinger, Caryl Twitchell, and Roland Wardell. All are University students.

Promotion ANNOUNCED

JOHAN N. Cummings has been promoted to associate professor of Animal Husbandry in the College of Agriculture, Forestry, and Home Economics.

Mr. Cummings first came to our campus in 1941, when he was a graduate assistant in Animal Husbandry. He took leave of the University of Minnesota in 1942 to serve at the University of Tennessee.

In 1945, he returned to the University and served as instructor and animal husbandman at the North Central School and Experiment Station for a year. Since that time he has been a research fellow in the Division of Animal Husbandry on the St. Paul Campus.

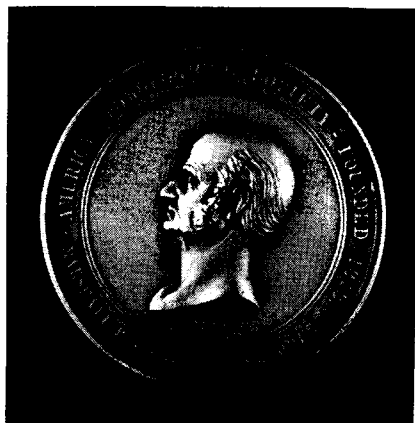
He received his Ph.D. from the University of Minnesota in 1948. His M.S. and B.S. degrees are from Montana State College.

Legislative Booklet PUBLISHED

PUBLISHED by the University Press is "Ninety Days of Law-making in Minnesota", a realistic booklet telling how the Minnesota Legislature is organized and how it functions.

Staff members who wish copies of the pamphlet may buy them either from the University Press, 10 Nicholson Hall, Minneapolis campus, or from the League of Women Voters, 84 Tenth Street South, Minneapolis.

MEDAL GIVEN STATION



ONE of the oldest awards of merit in American horticulture was awarded the University's Fruit Breeding Experiment Station at Excelsior recently.

The Wilder Medal was given the Station by the American Pomological Society for services rendered to horticulture, specifically for "continued attention to the problems of improved varieties of fruits, especially suited

to the colder regions of North America where winter hardiness is a factor, and to the origination and introduction of meritorious varieties of fruits." Pomology, in case you're not sure, means the science and practice of fruit growing.

This is the third Wilder Medal which has been awarded the Division of Horticulture. W. H. Alderman is chief of the division.

SAFETY IS YOUR BUSINESS

Preventing accidents needs thought during working hours

HOW far do you go in making personal safety part of your job?

If you are always alert to "safety first" rules, you're protecting your fellow workers and making the University a better place in which to work.

Probably most important of all, you're guarding yourself against injury which may be permanently disabling. You're making sure that your family life flows along smoothly, and you're making sure that you won't be out of work with only partial pay.

What's more, if you're on guard against accidents, you're being considerate of the people working with you. They won't have to take on extra work if you get injured.

Here's a safety checkup you can take if you want to be sure of keeping out of accidents:

Do you Believe in Safety?

Yes No

In other words, if you say "no," you think that safety is only worthwhile for the "other fellow." For example, there are janitors who say that safety belts are fine, but only "for the other guy."

Do You Keep Your Mind on Your Work?

Yes No

If you don't, it's awfully easy, for instance, to trip on stairs and fall.

Do You Welcome Instructions?

Yes No

If you're not in a receptive mood to instructions, it's easy to miss some important tips on personal safety that will save you from injury. This

is especially true in using mechanical equipment.

Do You Keep Your Temper?

Yes No

If you don't, you're only hurting yourself. Under emotional strain, you're just "not thinking" and this causes a high percentage of accidents.

Do You Like Your Job?

Yes No

If you do, you most likely will have very few or no accidents. If you don't like your job you ought to talk with your supervisor, department head or the Personnel office.

Do You Use Available Safety Devices?

Yes No

If you don't, it's like writing out

In Case of Emergency

1. Always report any accident, no matter how slight, to your supervisor.
2. For medical care, report to W-212, University Hospitals.
3. If a physician is needed on the scene of the accident, call the Health Service or local physician.
4. If ambulance service is required call Minneapolis General Hospital, AT 1178 (for Minneapolis Campus) or St. Paul Ancker Hospital, CE 7341 (St. Paul Campus).

your own accident report before it happens. If you use the safety devices provided for your job, it's as good as having a paid-up insurance policy!

Do You Avoid Short Cuts and Taking Chances?

Yes No

The safest distance between two points is not always a straight line. If you avoid short cuts and taking chances, you'll not only prevent accidents but will probably do better work.

Do You Leave Worries at Home?

Yes No

That's not easy to do, but as you get more and more interested in your job, you'll find that it's not difficult to leave worries at the doorstep. After all, home is a better place to solve your problems than at work. Your supervisor, department head or the Personnel department often can give help with personal problems. Ask one of them for help, rather than let your worries interfere with your job.

Do You Keep Physically Fit?

Yes No

Do You Get Enough Sleep and the Right Food?

Yes No

This is an important part of a safety checkup, and it's the easiest to correct. When you're tired or not feeling good, watch out for a slip or fall.

Safety engineers say that accidents are easy to prevent. They say, "If you stop to think, you can avoid nine out of 10 accidents."

Staff Member of the Month . . .

Margaret Davis Spends 25 Years as 'Woman Behind the Scenes'



Guest of honor Margaret L. Davis chats with Vice President Malcolm M. Willey, Dean Theodore C. Blegen and President J. L. Morrill at a tea celebrating her 25th anniversary as a University staff member.

THE step from record clerk to administrative secretary is one that Margaret L. Davis, "right-hand" to Theodore C. Blegen, dean of the Graduate School, took easily in her 25 years at the University.

Yet she, like literally thousands of other staff members, is typical of those who do their jobs day by day without any special recognition. By honoring her, The Minnesotan honors all the men and women who give real contributions to the University through their years of service.

Miss Davis' jobs have ranged from that of a clerk in the Registrar's Office, when she "didn't expect to stay" at the University, to administrative secretary for Dean Blegen. She has worked for five deans of the Graduate School—Guy Stanton Ford

(later President), C. M. Jackson, W. S. Miller, R. N. Chapman, and now Dean Blegen.

In her post, Miss Davis has her finger in nearly every project that goes on in the administration of the Graduate School. She manages the office, on the second floor of the Administration building. Seven full time and from four to 14 part time staff members work under her direction.

SHE assists John G. Darley, assistant dean of the Graduate School, in checking records and recommendations of those wishing admission to our Graduate School. During a four month period last spring, 1,750 men and women from all over the world applied for admission.

Every application needed—and got—individual attention.

"There's a great deal of correspondence with students," says Miss Davis. "They write in about graduation requirements, missing credits, possible housing and jobs." She answers all letters from students, giving them the information they request.

Studies of enrollment and other data about the Graduate School are made up in report form by Miss Davis. "The only trouble with this part of my job is that I don't find as much time to do these studies as I'd like to," she explains.

"Another interesting assignment is talking with students who decide to drop out of Graduate School. Often we can help them find a job or solve some other problems which are hurting their school work or making them want to leave college. Usually, a telephone call or two to the right staff people is all that's necessary."

In between times, Miss Davis serves as secretary for the Executive Committee of the Graduate School and sometimes substitutes for Dean Blegen at various committee meetings when he cannot attend.

IT wasn't until an anniversary party was given in her honor by staff members of the Graduate School office, and attended by both Presidents,
Continued on page 13

Extra Minnesotan COPIES AVAILABLE

A FEW extra copies of most issues of last year's Minnesotan (Volume I) are available, in case you'd like them.

Call Ext. 172, or drop a note into campus mail telling which issue, or issues, you want. The only unavailable number is February, 1948. All others may be had on request.

The Minnesotan

Sports Arena *NOVEL LAMINATED STRUCTURE*

CONSTRUCTION methods used on the sports arena now being built on Northrop field are, to the layman at least, a departure from the ordinary. Instead of the conventional steel

girders, laminated wood is being used for the entire superstructure of the huge arena.

The strength necessary to support such a structure is gained from large beams formed by gluing many boards together under steam and tremendous pressure.

The material used for the walls is cemento board, a composition of cement and asbestos. They are filled with a one and one-half inch thickness of insulation.

The building will be heated by giant fans, suspended from the ceiling, blowing air through radiators formed like fins. The steam for these radiators will be supplied by the main power plant of the University.

More than four million cubic feet of space will be housed by the structure, which costs \$700,000. The arena will be used for indoor winter sports, football and baseball practice, physical education and various intramural activities.

Regents scholarships cover wide range of class subjects

CLASSES in everything, from municipal administration, corporation finance, and shorthand, to zoology and physical science are being taken by the 21 Regents' Scholarships winners for winter quarter.

These staff members are enrolled in courses in fields of study relating to their jobs. Winners may take as many as six credits of classwork without paying tuition fees.

Applications for Regents' Scholarships are taken in Room 17, Administration Building, Minneapolis campus.

The University Civil Service Committee chooses the winners on the basis of the applicants' previous service records and the courses they wish to take under the scholarships.

WINTER quarter's winners include: Mary Jane Armstrong, clerk-typist, Horticulture; William J. Balamut, general mechanic, Physics; James H. Felber, director of Coffman Memorial Union Food Services; Geraldine Flug, senior clerk-typist, Bureau of Veterans' Affairs.

Virida Ruth Harris, clerk-typist, Bureau of Veterans' Affairs; Maxine J. Houghton, clerk, Library; Weltha Jean Logan, laboratory technician, Psychology and Neurology; Francis Macknikowski, laboratory machinist, Physics; Dorothy V. McCarty, secretary, Medical Technology; Lois R. Philippy, laboratory technologist, Pharmacology; Julia

Purcell, clerk-typist, Veterans' Affairs; Betty Jane Reed, clerk-typist, Education.

ALMA O. Scott, junior librarian, Library; Betty Seifert, junior librarian, Library; Merlyn Marie Sletten, clerk-typist, Electrical Engineering; Elaine Marie Seledic, clerk-stenographer, School of Business Administration; Sally B. Slice, secretary, English Department; Arlette Soderberg, librarian, Law School.

Donald E. Swenson, senior Audio-Visual technician, Audio-Visual Education; Betty Myrtle Vincent, clerk-typist, Speech Clinic; Helen B. Wik, junior librarian, Library.



Regents' Scholarships winners include Dorothy V. McCarty, Francis Macknikowski, William J. Balamut, Donald E. Swenson, Sally B. Slice, Alma O. Scott, Julia Purcell, Virida Ruth Harris, Elaine Marie Seledic, Arlette Soderberg, Weltha Jean Logan, Lois Philippy, Betty Seifert, and Mary Jane Armstrong.

February 1949

Cooperation Helps Research

BULBAR POLIO EFFECTS MAKE MOVIE

WHEN Dr. Frederic J. Kottke and Dr. William G. Kubicek look down polio patients' throats, it often becomes an interdepartmental project.

These assistant professors of Physical Medicine, with the cooperation of staff members in the Audio-Visual Education Service and the Scientific Apparatus Shop in Millard Hall, are photographing on color motion picture film the vocal cords of persons stricken with bulbar polio.

For comparison, the throats of normal people also are being photographed for this film, the first of its kind ever made.

"The finished motion picture," says Dr. Kottke, "will illustrate a principle of treatment as well as show examples of polio damage." He adds that the film will show the necessity for a life-saving tracheotomy tube when paralysis sets in as a result of the disease.

AT the early stages of bulbar polio, the patient may suffocate because the muscles which control his vocal cords become paralyzed. When these muscles are paralyzed, the vocal cords, flat reeds attached to the sides of the windpipe, remain together and block the windpipe. Normally, they are open so you can breathe and come together only when you talk.

When the paralysis occurs, doctors put a metal tube—called a tracheotomy tube—through an incision in the neck, just below the vocal cords, so the patient can breathe.

"Frequently," explains Dr. Kottke, "the cords remain paralyzed or partially paralyzed for long periods after an attack of bulbar polio."

The ingenious method of photographing the inside of people's throats for the movie was worked out by Dr. Kubicek, Dr. Kottke and James W. McCarron, assistant production manager of Audio-Visual Education. Then the Department of Physiology's Scientific Apparatus

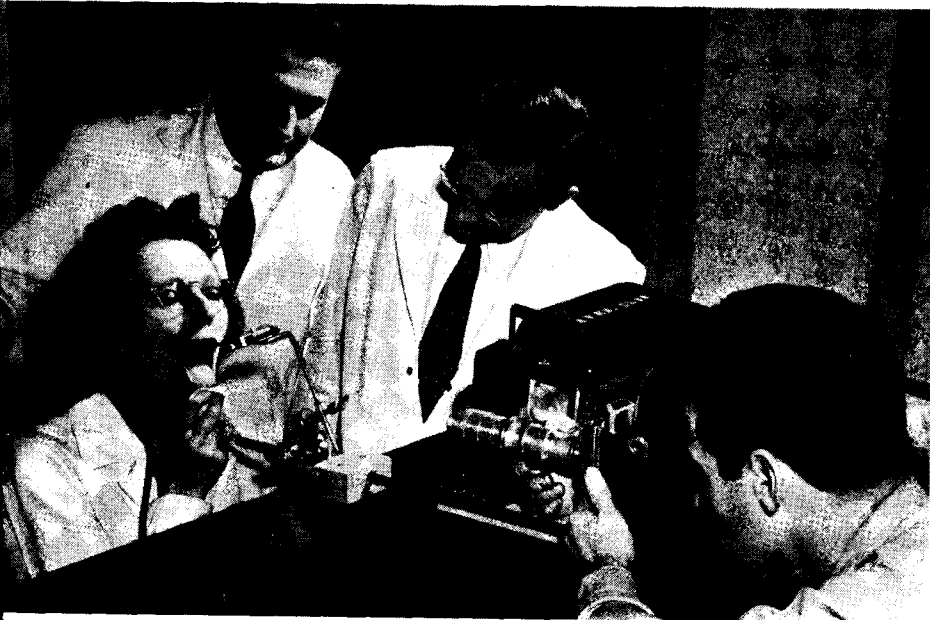
Shop built the mechanism necessary to carry out their idea and make it a success.

The actual process of making the movie works like this. The subject's throat is sprayed with a surface anesthetic solution which deadens the area around the vocal cords and stops reflex actions and any gagging during the filming.

The movie camera is set in the spe-



Dr. Kubicek looks over equipment plans with Physiology Scientific Apparatus Shop staff members Nels H. Bakken, C. P. Christian and H. L. Huso who helped make the mechanism for the filming.



Medical technologist Mildred E. Olson has her vocal cords photographed by James W. McCarron while Dr. William G. Kubicek and Dr. Frederic J. Kottke look on.

ally-built apparatus. An ordinary type doctor's mirror attached to one end of the mechanism is inserted in the patient's throat. To prevent the mirror from fogging, it is smeared with a special anti-fog cream. A 1,000 watt beam of light attached to the camera equipment is reflected on the vocal cords by the mirror.

BEFORE the filming begins, a microphone is taped to the outside of the subject's throat to pick up vocal cord sounds. These vibrations are recorded and then synchronized with the film. Then, as the patient says "ah" and makes other simple sounds, the amount of movement in the vocal cords shows the paralyzed areas. Sometimes only one cord is affected, and sometimes both are stricken by the disease.

Efficiently matching sound and photography for the medical film are Donald [Name], Audio-Visual technician, and James W. McCarron.

When finished, this new-type motion picture will be shown to doctors and medical students throughout the state



and the nation. Many practicing physicians have never seen vocal cord paralysis resulting from bulbar polio. And colored movies are the best way to show the throat condition which follows the disease to medical students—especially when there may be as many as 120 students in a class.

"If the doctor learns to recognize the paralysis," explains Dr. Kubicek, "he'll know what to look for—and know what to treat."

THE cooperation by three departments—Physical Medicine, Audio-Visual Education, and the Physiology Scientific Apparatus Shop—to make this motion picture possible, is only one of the many examples of life-saving teamwork going on at the University. Every day, directly and indirectly, staff members from every campus of the University help research workers solve their scientific problems for the good of all.

HOLIDAY SEASON CELEBRATED BY STAFF

Teas and parties on every campus

GET-togethers of staff members were more popular than ever during the Christmas holidays.

Nearly every department and office managed to hold a coffee hour or a tea, perhaps a more elaborate party. Small groups of individual staff members who have worked together during the past months met for lunch or for dinner, often with their families. All in all, it was a season of good times with renewal of many old friendships.

One of the biggest staff entertainments was the Business Office luncheon, an annual affair.

The party was held in the Junior Ballroom of Coffman Union with over two hundred staff members exchanging token gifts.

Honor guests were President J. L. Morrill, Vice Presidents Malcolm M. Willey and William T. Middlebrook,



Four friendly Santas greeted these pretty girls as they came to one of the many holiday luncheon parties given on campus.

and President Emeritus Walter C. Coffey.

Anyone believing in just one Santa Claus would have had a hard time of it, however, for the guests were en-

tertained by not one, but four versions of Kris Kringle. Lots of Christmas carols, some amateur vaudeville acts, and the presentation of a live puppy to Lyle Griggs, superintendent, and a "Help Wanted" sign to Hedwin C. Anderson, director of Civil Service Personnel, rounded out the program.

This year, the rotating chairmanship for the celebration fell to Walfred L. Pedersen, senior personnel representative.

The University Hospitals staff held their annual Christmas party in the Powell Hall lounge. The informal gathering enabled the staff to wander in for the refreshments and entertainment all during the afternoon, whenever they could break away from their duties.



Caroling through the halls of the Administration Building on the Minneapolis campus was this group of holiday-minded staff members.

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THE 165 members of the Admissions and Records staff were en-

tertained at a tea at the Campus Club by Dean and Mrs. Robert E. Summers. Featured at the party were movies, taken last summer at a staff picnic. The films were edited and captions written by a group of "volunteers" from the office.

Families of General College staff members attended a party held right in Wesbrook Hall. The program included a skit by male members of the faculty and a puppet show.

On the St. Paul campus, the Extension Division's coffee hour almost featured a three man quartet. At the last minute, a fourth was found, just to make things come out even.

Provost Raymond C. Gibson of the Duluth Branch was host to 250 staff members at a tea-reception given in Tweed Hall during the holidays. Children from UMD's laboratory school sang carols.

IN addition to their regularly scheduled party, the Co-Efficients, campus organization of non-academic women employees, made paper hats as favors for children ill in University Hospitals and unable to return to their homes during the season.

Of course, Coffman Union staff members joined in the spirit of the season and celebrated by having one of their famous parties.

PROBABLY the most exciting party of all was held in the Union on the St. Paul campus. This third annual gathering was for children of staff members and students.

There were over 200 delighted "oh's" and "ah's" from small guests during the special movies and when Santa Claus (Professor J. J. Christensen of Plant Pathology and Botany the rest of the year) and his gifts appeared on the scene. Their parents, incidentally, had a very fine time, too.

Many other departments, schools



Singing along with the greatest of ease is this quartet. Members are: Robert M. Douglass, associate professor of Agricultural Extension; Paul J. Moore, assistant professor Agricultural Extension; William A. Peters, assistant professor Agricultural Extension, and Park O. Anderson, assistant professor and Extension forester.

and offices had holiday parties; many other staff members gathered together in the spirit of fellowship at that time. Always known as a friend-

ly place to work, the University really lived up to its happy holiday reputation during this past Christmas party season.



Around the piano at the University Hospitals staff holiday party are Walter Daniels, Margaret Weatherhead, Dr. William Rogers, Dr. Albert Sullivan, Dorothea Schaeffer, Dr. William O'Brien, Dorothy Carlson, Sigrid Tornquist, Joan Groberg and Mary Allen.

The Minnesotan



Under the watchful eye of "Santa"—Sterling Garrison—Walfred L. Pedersen and Philip Erickson pet Lyle Griggs' puppy, just before it was presented to him at the Business Office Christmas party.

Atomic research information seminar is pioneer effort

THE University has again proved its pioneer spirit by holding the first Atomic Information Seminar for Newspapermen.

The purpose of the seminar, as is

Margaret Davis

CONTINUED

dent J. L. Morrill and Malcolm M. Willey, vice president of Academic Administration, that Miss Davis had a chance to confess that she considers her work at the University "fun." She added, "It's fun, not only because I enjoy the work so, but because the Dean and the rest of the staff—in fact, everyone at the University—works together so that it's a pleasure to be a part of the University family."

indicated by the title, was to provide journalists with a background on atomic science so they might better be able to report and interpret the detailed and complex information released on the subject.

Commenting on this "first" in a letter of thanks to President J. L. Morrill, Gideon Seymour, vice president and executive editor of the Minneapolis Star and Tribune wrote, "There will be others—many of them, I hope—and all of them will look back to the Minnesota seminar as the one which blazed the way and set the pattern. I shall particularly commend the University of Minnesota, in the report of my committee to the American Society of Newspaper Editors in April, for this useful pioneering venture."

February 1949

Old Building Will Make Way for New Garage

THE "ancient" Mechanical Engineering building that rests between the Administration building and Pillsbury hall is about to pass into the realm of memory.

The building, erected in the years ranging from 1909 to 1911 and costing \$100,000 is doomed to destruction so as to make way for a new garage.

Roy V. Lund, of Buildings and Grounds, reports that plans for a new garage to be erected in the area now occupied by the M. E. building are being drawn.

Mr. Lund expects that the M. E. building will be wrecked sometime in late August or early September. As soon as the building is removed, then work will begin on the new garage.

Before the building can be wrecked, the plans for the new garage must be completed and transfer of equipment must be made from the M. E. building to the new Mechanical and Aeronautical Engineering building. It is expected that this will take place some time in July.

Our Cover . . .

THIS month's cover picture for The Minnesotan was taken on the Duluth campus. The scenic creek flows from the back of the campus underneath the Laboratory School and along the west boundary. The picture was taken directly in front of Laboratory School.

The bridge is a favorite loitering spot of the students, who stop there to rest between classes.

Helping Hand CONTINUED



Glenn I. Prickett interviews the two happy winners of a 4-H public speaking contest over KUOM.

credited to them, but is the work of the members themselves, and of the over 200 adults—county agents, home demonstration agents and club agents—who work directly with the young people.

Industrial, civic and agricultural organizations too, play an important part in 4-H club work. They provide prizes, trips and other incentives to club members.

Most of the credit can indeed be given to the 4-H boys and girls themselves. When they adopt their pledge promising their heads to clearer thinking, their hearts to greater loyalty, their hands to larger service, their health to better living—for home, club, community and country—they mean business.

The 4-H pledge opens a world of opportunity to learn by doing. When they enroll, members choose one or more projects and activities. Girls are encouraged to work at food prep-

aration, baking, canning, sewing, or home furnishings. Either boys or girls may grow gardens, raise calves, pigs, lambs, or flocks of chickens.

Additional projects include junior leadership, farm records, home beautification, soil conservation.

For older members, advanced projects emphasize increasing ownership of livestock and giving them a start in farming for themselves.

Every project is a real job, one to be done well.

Along with project work comes a citizenship and self-development program—one of the finest contributions of 4-H. Boys and girls are encouraged to take part in club activity, to learn parliamentary law, and to accept the responsibility of working for and with others. Members are encouraged to prepare one or more demonstrations to develop their abilities to think clearly and speak freely before others.

UNIVERSITY staff members working with 4-H club members are proud of their assignment. They feel, too, a definite responsibility demanding their best efforts to support an organization which teaches young Americans these principles.



Studying 4-H records on the 4-H Club calendar with Mrs. Clara M. Oberg, county club agent are members Beverly Leibell and James Bruess.

Annual President's Reception Held . . .

GUESTS of President and Mrs. J. L. Morrill at their annual reception were members of the University's academic staff. The reception was held in the main ballroom of Coffman Memorial Union.



citizens and school children throughout the state.

THE first course to be offered outside of the University's regular academic schedule, thereby paving the way for the establishment of the Extension Division, was a series of business lectures, offered at night.

In 1910, classes in business were taught for students not in regular attendance at the University, but who were interested in gaining some college education.

The going was difficult in the beginning, for the attendance was poor and interest seemed low. Nevertheless, the value of such a program was seen and the courses were maintained until the Extension Division was set up three years later.

THE University was "keeping up with the times" in 1928. The Extension Division, in addition to offering many other courses newly in demand then, began aviation classes.

Under the direction of the Department of Engineering, classes in "Elementary Aeronautics," "Air Craft Engines," "Airplane Design" and "Navigation and Practical Flying" were set up to fill requests.

Extension Division Firsts

MINNESOTA REMINISCENCES

FIRST student to register in the Extension Division's Correspondence courses was Sister M. Azaria of St. Paul.

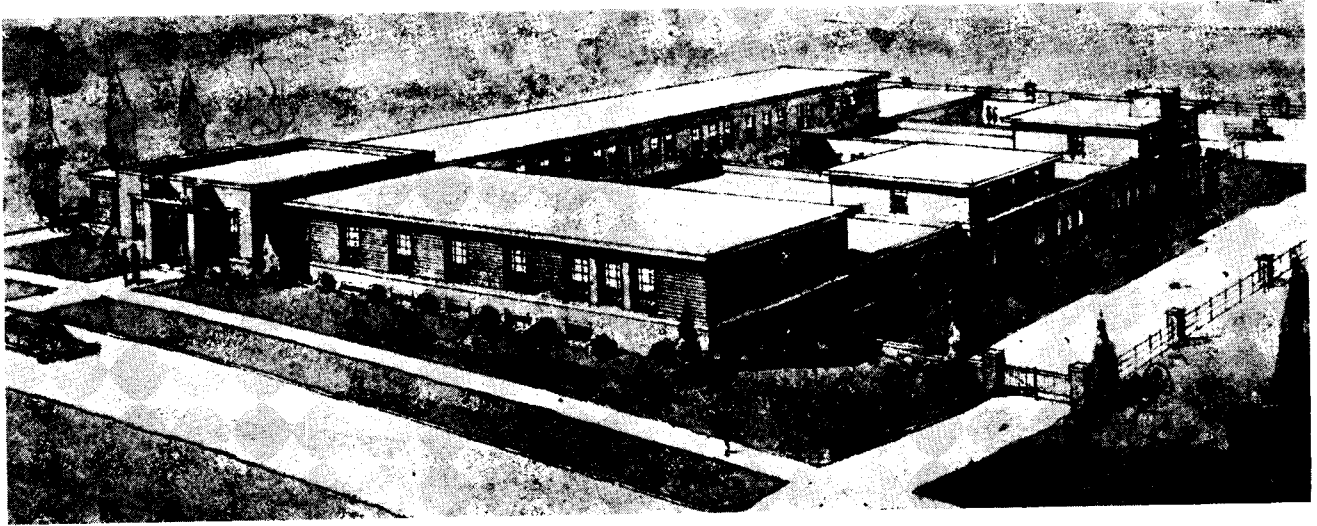
Sister Azaria in 1913 enrolled in a beginning German course, and thus began a new phase of education at the University.

CHAUTAUQUA weeks, peculiar to the United States, brought to hundreds of communities throughout the United States a week of lectures, slides and other educational media. Now, however, they've faded into history and have been replaced by summer schools and correspondence courses.

The University of Minnesota, perhaps as an overture to its own correspondence school, once sponsored a type of Chautauqua week in Minnesota. In 1913, President George E. Vincent thought that the University should stage such events throughout the state. As a result, the University laid out a program and supplied the talent for a Chautauqua week that appeared in many Minnesota communities.

The idea later grew into the Community Service department of the University Extension Division, and today lectures, plays and other programs sponsored by the University are brought to many thousands of

February 1949



New Unit Planned

THE first unit of the Division of Veterinary Medicine's clinical, teaching and research buildings is expected to be completed by next fall.

The new building will be "one of the most modern and best equipped veterinary medicine hospitals in the country," according to Dr. W. L. Boyd, chief of the division. It will be used in teaching clinical medicine to students enrolled in the division's new veterinary school.

The first permanent unit of the new school will provide laboratories and hospital wards for large and small animals, operating rooms and x-ray equipment.

A second unit, to be used as a basic science building, is planned, but no definite construction date has been set. The buildings will be erected southeast of Haecker hall, on the southern part of the University's St. Paul campus.

The School of Veterinary Medicine is now in its second year. The 50 freshmen and 24 sophomores enrolled have been attending classes and doing laboratory work in a three-story temporary building, reconstructed from an Army barracks.

The temporary building also houses offices, a well-equipped animal diagnosis laboratory and a number of small laboratories, which serve not only for instruction in such courses as bacteriology and pathology, but also aid the livestock industry and the veterinary medicine profession.

THE curriculum at the University is being developed so that the School of Veterinary Medicine can be accredited with the three accrediting veterinary agencies when the clinical building is completed. The agencies are the American Veterinary Medical Association, the U. S. Department of Agriculture Bureau of Animal Industry, and the U. S. Army.

At this time there are 10 fully accredited schools in the United States, and two in Canada which will issue degrees this year. Seven new schools are in their first few years of teaching.

Students graduating in veterinary medicine within the next few years will have no trouble in finding jobs, according to Dr. Boyd. There is a

BUILDING ON WAY

tremendous shortage of veterinarians in all parts of the world, and as the livestock industry in America grows larger the need in this country increases.

THE average age of the practicing veterinarian today, points out Dr. Boyd, is about 50 years, and the demand for doctors will not be met for at least the next 10 years.

DANCING POPULAR

GROWING steadily in popularity and membership is the University staff folk dancing group.

Membership is open to any civil service or academic staff members. Wives, husbands and friends of University people are welcome.

The "meetings" are held two times a month, on the second and fourth Thursdays.

The program for every meeting has been set up by a committee, elected from the group at large. Most popular is an evening's dancing starting with an instruction period at 8:00 p.m. This lasts for half an hour before the real folk dancing starts.

The Minnesotan

The President's Page

EVERY student entering the University of Minnesota presents a challenge to staff members, for it is largely through its students that the University's educational commitments can be fulfilled.

Students, and later alumni, are America's future. The state looks to the University to help insure that future. The University has the obligation of graduating both capable leaders and intelligent followers. The University also has the responsibility of imparting to its students a special feeling of obligation to the state, an obligation to be repaid in public service.

Each new student means a renewal of this high commitment.

Yet it is true that the University also is a challenge to every incoming student. The University offers unequalled opportunities to prepare for the professions, for business, and for other vocations. But it also offers invaluable courses in cultural fields, including the humanities. It teaches research techniques—learning ways and means of finding out the “why” about natural, social and other phenomena.

Beyond the curriculum which the student selects, and the courses which fit into it, are the opportunities afforded through the broad offering of the student activity program. These activities, which range from those of professional organizations, where important additions are made to classroom learnings, to organizations which are primarily social in character, provide an important supplement to formal class work.

The student also has a wide selection of cultural extracurricular activities from which to choose. It is no accident that the Minneapolis Symphony Or-



chestra presents its regular series of concerts in Northrop Memorial Auditorium; or that you find on the campus the University Artists Course, the Master Piano Series, the University Theatre, student musical groups, showings of exceptional foreign films, an Art Gallery with a “loan collection” of prints, a Museum of Natural History, and in addition, hundreds of special lectures and programs during the course of any year.

The aim of staff members who work with students should be to help them maintain a sound balance in selecting from among all these rich opportunities which are theirs. When students do this, they accept the University's challenge, to the end that they will find themselves well prepared professionally, culturally, socially, and physically, when they leave the University, to take their rightful place as strong, contributing members of society.

f. L. Merrill



THE MINNESOTAN

Published for Staff Members of the University of Minnesota



VOLUME II

March 1949

NUMBER 6

MARCH 26 TO APRIL 15

The University of Minnesota Calendar of Events

CONCERTS: UNIVERSITY ARTISTS COURSE (Northrop Auditorium)

March 28—Robert Shaw Chorale. 8:30 p. m.

MASTER PIANO SERIES (Northrop Auditorium)

March 30—Pierre Luboshutz and Genia Nemenoff. 8:30 p. m.

LECTURES

(Museum of Natural History Auditorium)

March 27—"Prairie Wildlife." Donald K. Lewis. 3:00 p. m.

April 3—"Water Birds Through the Seasons." Harvey L. Gundersen. 3:00 p. m.

April 10—"Local Bird Life." W. J. Breckenridge. 3:00 p. m.

UNIVERSITY PRESS PUBLICATION DATES

April—"Too Many Thumbs." Robert Hivnor.

April—"Early Candlelight." Maud Hart Lovelace.

April—"Trends in Student Personnel Work." Edited by E. G. Williamson.

April—"History of the White Pine Industry in Minnesota." Agnes M. Larson.

April—"Japan's Economy in War and Reconstruction." Jerome B. Cohen.

ATHLETIC EVENTS

(Boxing Matches at Home)

April 2—De Paul.

EXHIBITIONS

(University Gallery, Northrop Auditorium)

To April 15—Jewelry, Ancient and Modern.

April 4-22—Paintings by Walter Quirt.

SIGNIFICANT UNIVERSITY BROADCASTS

KUOM. Tales of Minnesota.

5:30-6:00 p. m. The Sioux Treaty. April 2.

5:30-6:00 p. m. The Homesteader. April 9.

5:30-6:00 p. m. Lumberjack. April 16.

FOREIGN FILM SERIES

(Northrop Auditorium, 4:00 and 8:00 p. m.)

April 6—"Forty-eight Hours." British film.

April 13—"Kimiko." Japanese film. Additional Russian short feature.

CONVOCATIONS

(Northrop Auditorium 11 a. m.)

*March 31—"America's Economic Formula for the Future." Robert S. Hartman.

April 7—"The Mormon Land." Natural color motion pictures. Alfred Bailey.

*April 14—University of Minnesota Concert Band.

SPECIAL EVENTS

March 27—Organ Recital. Claire Coci. 4:00 p. m. Northrop Auditorium.

March 29—Phi Beta Kappa Lecture. "The English View of Goethe." Dr. Alexander Gillies. 8:00 p. m. Museum of Natural History.

April 1—"Excavations at Ksar 'Akil, a Stone-Age Rock Shelter in Lebanon." (Illustrated with color motion pictures.) Rev. J. Franklin Ewing, S.J. 3:30 p. m. Museum of Natural History.

April 8—Choral Chamber Singers. 8:30 p. m. Scott Hall Auditorium.

April 14—Staff Folk Dancing Party. 8:00 p. m. Main ballroom annex, Coffman Union.

* Also broadcast over KUOM.

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COPIES ARE ON SALE AT THE UNION BOOK STORE

Photographs throughout this issue of The Minnesotan were taken by the University Photographic Laboratory.

ENGINEERING RESEARCH VITAL

EXPERIMENT STATION solves many practical problems

RESearch often goes forgotten when people talk about the University.

This is especially true of the Engineering Experiment Station where quiet research seldom reaches the attention of the public.

But in the eyes of many industries and government agencies, the Station is one of the most important units at the University.

They have good reason to think so.

For the Engineering Experiment Station since 1923 has been tackling and solving the perplexing problems of government and industry. It has been equal to everything from problems of Alaskan soil to some of the reasons behind paint peeling.

PART of the Station is located on the fringe of the main campus behind the Main Engineering building, and other part is in Oak Street Laboratories on Oak and University avenues.

Through the years the Station has become one of the largest research units of the Institute of Technology and has been noted for its work on insulation, condensation of moisture in buildings, air dust and air filters.

In connection with insulation, Station research set the standards for test apparatus that measures the conductivity of insulating materials.

And, along the same line, the Sta-



Review of Station program is the order of business in this meeting of the research staff. Leading the discussion is Frank B. Rowley, director of the Station and head of the Mechanical Engineering department. Gathered around him, from left to right, are Joe Pjost, research fellow; Robert Lander, assistant scientist; Professor C. E. Lund, assistant Station director; Malcolm Mellin, Warren Peterson and Robert Granum, research fellows.

tion developed the standard test method of measuring the amount of dust in the air and the effectiveness of air filters.

Recently the Station finished a long study for the U. S. Army Engineers on the thermal properties of Alaskan soil—a study that may become extremely important in the national defense setup which is now being planned.

Another important research work which was recently completed had to do with the reasons behind paint peeling. One of the results was that

paint peeling is not always due to insulation—a belief that had been held for many years. Now the next step will be to find out the real reasons in paint peeling.

Many of the studies at the Station call for unusual equipment. For example there's a huge "cold" room in the Oak Street Laboratories that contains a two-story house. Another "cold" room houses a refrigerator railroad car. Both "cold" rooms usually are used for testing insulation materials.

Continued on page 7

March 1949

Staff Member of the Month . . .

Quick thinking by Leo Wisbar saves fellow worker's life



Standing over the barrel which helped to save his life, staff member Albert Johnson, left, thanks Leo Wisbar for his quick thinking.

WHEN he saw what had happened in the coal bunker, he yelled for a barrel with both ends knocked out.

That split-second thinking saved the life of the man buried under tons of coal.

It all started around 10:30 a.m. on Thursday, Jan. 27, in the coal bunkers at the side of the Power House on the St. Paul campus.

Albert Johnson, a coal handler who's been a staff member for 25 years, was trying to loosen the frozen coal in the bunker so that it would

run in an even flow to the conveyor belt below, which takes the coal to the furnaces.

Suddenly the hard layer of coal became an empty space and the tons of coal on the sides of the bunker became an avalanche that in one roar buried Mr. Johnson over his head in coal.

"I could hardly breathe," Mr. Johnson says now. "The coal didn't bother me much, except it was very cold."

Nobody saw the accident, but Krist Martinson, general mechanic,

was watching the flow of coal from the bunker to the conveyor belt. The flow stopped suddenly. He pried at the opening with his steel bar. Instead of poking coal, he found himself poking the legs of a man.

He called for help.

A moment later Chief Engineer George Jacobson hurried Leo Wisbar, steamfitter-welder, out to see what he could do.

Mr. Wisbar searched the bunker with his flashlight. It was then that he yelled for the barrel.

Then he clambered in the bunker. Another avalanche of coal. It buried him up to his hips. But he started digging coal with his hands from around Mr. Johnson's head.

The barrel arrived. Without any idea of time, Mr. Wisbar dug frantically to get the barrel around Mr. Johnson's head so that it would act as a bulwark against the sliding coal. He succeeded, and even more frantically, he dug out the coal which was in the barrel.

MR. Johnson soon could breathe normally. His life had been saved, but some of the toughest work was ahead: digging out the tons of coal to free his body.

Staff members from the whole campus area pitched in to move the coal. There were men from the carpenter, electric, paint and farm maintenance shops on the University's St. Paul campus.

It took almost three hours of work. And according to Mr. Jacobson, about 100 tons of coal had to be moved.

"All the men who worked so hard should be called 'staff members of the month,'" Leslie Wood, senior mechanical engineer, who was there and witnessed the rescue says. "But Leo Wisbar really was outstanding for his quick thinking in the emergency."

'Minnesota's Great' Chosen

Regents and Staff Named to List

TWENTY-ONE University staff members and regents were named among "Minnesota's 100 Living Great" recently.

The "100 Great" were chosen by a poll sponsored by the Minnesota Junior Chamber of Commerce and conducted by the Minnesota Poll. The names were announced at a dinner held in celebration of the

Minnesota Territorial Centennial.

Members of the Board of Regents on the list are Fred B. Snyder, James F. Bell, J. S. Jones and George W. Lawson.

President J. L. Morrill and President Emeritus Walter C. Coffey head the list of staff members.

Other University staff members chosen are: Dr. Alfred W. Adson,

professor of Neurosurgery at the Mayo Foundation; Clyde H. Bailey, dean and director of the Department of Agriculture; Bernie Bierman, professor of Physical Education and head football coach; Theodore C. Blegen, dean of the Graduate School.

Dr. Frank E. Burch, professor emeritus of Ophthalmology and Otolaryngology; J. O. Christianson, superintendent of the School of Agriculture and director of agricultural short courses; Katherine J. Densford, director of the School of Nursing; T. A. Erickson, associate professor emeritus of Agriculture Extension; Dr. Charles W. Mayo, professor of Surgery at the Mayo Foundation; Dimitri Mitropoulos, conductor, Minneapolis Symphony Orchestra.

Pioneer Days in Minnesota to be Dramatized on KUOM

MINNESOTA history is on parade over KUOM, the University's radio station, in a series of 13 half-hour dramatic programs, currently being broadcast.

The series commemorates this state's territorial centennial with stories based on "actual grass-roots accounts" of early pioneers and explorers.

The programs are presented every Saturday afternoon from 5:30 to 6 p.m.

Starting March 26, here's what KUOM listeners are learning about Minnesota history.

"The Star Man"—March 26—This documentary is based on the personal journals of David Thompson, explorer and woodsman, during the days when Grand Portage was the metropolis of this whole region. On-the-spot recording of Grand Portage Indian life today will be included in the program.

"The Sioux Treaty"—April 2—How the proud Sioux Indian nation bowed to the White Man and gave up its birthright in 1851 is seen through the eyes of a famous painter

and a St. Paul newspaperman. Portions of this broadcast originate from one of the last remaining Sioux settlements in the state.

"THE Homestead"—April 9—Land speculators take advantage of a young couple who find that their promised land is three feet under water. But by chance, they find their way into the rich lands of the Red River Valley.

"Lumberjack"—April 16—This is the story of a young New Yorker who quit his desk job for the lumber camps of Minnesota. The stories of early lumberjacks supply the background. Part of the broadcast will be recorded at Bemidji.

"The Outlander"—April 23—How one family of Norwegians gave up their home to go to a new land is told in this broadcast. On-the-spot recordings are made at Alexandria, one of the important Norwegian settlements about the time of the Civil War.

"Schoolmarm"—April 30—Here is the story of a New England girl who came to this state in the 1850's

WILLIAM E. Petersen, professor of Dairy Husbandry; Jean F. Piccard, professor of Aeronautical Engineering; Elvin C. Stakman, chief of the Division of Plant Pathology and Botany; John T. Tate, research professor of Physics; Dr. Owen H. Wangensteen, professor and chairman of the Department of Surgery; Robert Penn Warren, professor of English.

to teach the children of the new settlers. There will be a comparison between frontier conditions of education with the modern conditions at the progressive Floodwood school of today.

"The Gold Rush"—May 7.—This is the never-forgotten story of how reports of a great gold strike brought

Continued on page 13

March 1949

Hints given FOR YARD

Lawn Layout Ideas Offered by Professor Snyder

WITH the pressure somewhat relaxed on all-out home vegetable gardening, home owners are turning their attention to ornamental plantings about their houses.

Just the person to help out staff members with yard planting problems is L. C. Snyder, associate professor of Agricultural Extension.

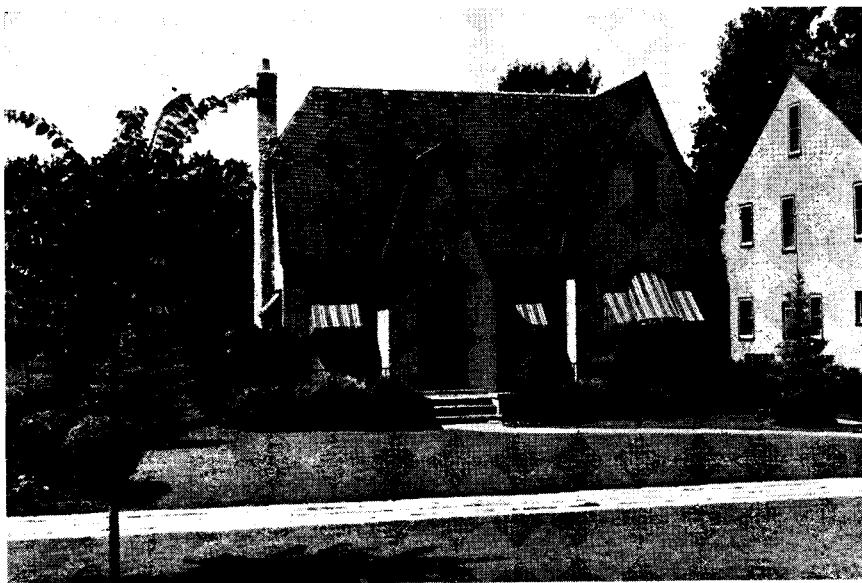
Mr. Snyder suggests that we do our planning for an attractive and well-kept yard before the planting season rolls around. And if your neighbors aren't at present too garden-minded, perhaps they will improve their yard if you do an especially good job on yours.

"Every yard has three essential parts," according to Mr. Snyder, "—the public area, the private area, and the service area.

THE public area is that part of the yard from the house out to the street. The service area includes the garage, the clothesline, the garbage disposal area and other service features. The private area or outdoor living room is the remainder of the yard and is usually developed for outdoor living and enjoyment.

"Let's consider the plantings for each of these areas."

The public area, advises Mr. Snyder, should be simply planted. Boule-



Here's a yard which has been planted using Mr. Snyder's directions for making your home and lawn look its best.

vard trees should be of the same species in any given city block. They should be spaced at least 50 feet apart. The American elm leads as a boulevard tree, but hackberry and Norway maple are often used. If the house is near the street, the boulevard trees can serve to frame the house.

IF the house is set back from the street, giving a sufficiently large front lawn," says Mr. Snyder, "additional trees may be planted to frame the house. These trees should be located at about 45-degree angle from the front of the house and at least 20 to 25 feet away from it. Basswood, green ash, hackberry, and Ohio buckeye would be good."

The foundation planting blends the house with the lawn. For this Mr. Snyder recommends compact shrubs with a fine-textured foliage. Low-growing shrubs are best under windows. Taller varieties can be used at the corners and by wall spaces between windows.

"Plant them about 2½ or 3 feet

from the foundation," he says, so they will have room to grow in all directions.

"If you like them, annual or perennial flowers look nice in the foundation planting. Try them either between the shrubs or in front of them. Again, don't try to crowd your plantings."

According to Mr. Snyder, the balance of the public area should be in lawn unless you would like some shrubbery along the edges of your property.

THE service area should be simply planted. Where traffic is not too heavy, a lawn can be successful. Try a simple foundation planting for the garage. You may wish to screen the garbage disposal and compost areas.

Mr. Snyder thinks the outdoor living room is the most interesting to plan. "If the house has been properly designed," he adds, "you should have a good view of the living area

Continued on page 11

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New Periodical Sponsored by University

Quarterly deals with American studies program

AMERICAN Quarterly, a new magazine sponsored by the University, makes its first appearance this month. It is an outgrowth of the program in American Studies organized in 1945 by Tremaine McDowell, professor of English and chairman of American Studies at the University. Professor McDowell is known throughout the country for his promotion and support of American Studies programs.

American Quarterly will attempt "to bring to a national audience the new insights developed by this inter-departmental study of American society." The magazine will deal with history, social science, fine arts, philosophy, and literature in relation to the United States, both past and present.

The editors say that the articles will be written on a level that will be acceptable not only to academic readers and specialists, but to many non-academic readers as well.

BETWEEN the yellow and gray covers of the March issue are seven articles and two reviews. They run to almost 100 pages. In format, it is slightly larger than pocket size. And it sells for \$1 a copy, or \$3.50 for a subscription of four issues a year.

The Quarterly hopes "to give a sense of direction to studies in the culture of America," according to its executive editor, William Van O'Connor, assistant professor of English.

March 1949



Executive editor of American Quarterly is William Van O'Connor, assistant professor of English.

He wants to attract readers who "wish to avoid the thinness of much popularization and the excesses of ingrown specialization."

How Mr. O'Connor goes about this job is revealed somewhat by a brief look at the contents of the March issue:

HENRY Nash Smith, University professor of English and member of the board of editors of the Quarterly, contributes "The Salzburg Seminar," an account of how Americans are telling young European students what's happened in the United States in the last 10 years.

Grace Flandrau, St. Paul writer, presents attitudes of Frenchmen today, from the point of view of an American, in an article called, "On What It Means to Be French."

FROM the other side of the world, comes an article by H. Drake-Brockman, Australian novelist, who

tells about American influences on Australia before and during the last war.

Elio Vittorini, Italian journalist and novelist, contributes, "American Influences on Contemporary Italian Literature."

Other articles are written by Max Beloff, Oxford political scientist and economist; Merle Curti, University of Wisconsin historian and member of the Quarterly's board of editors; C. E. Ayres, economist.

ALL of these contributions add up to the theme chosen for the first issue: "Aspects of American World Influence."

In succeeding issues, Mr. O'Connor hopes to devote each issue to one theme or subject. The second issue will "treat various aspects of the intellectual temper we associate with 'realism' and 'naturalism.'" Other issue themes: the American temper; the concept of the usable past; popular culture.

Handling the business affairs of the magazine and its distribution is the University of Minnesota Press, with Anne H. Bentz, senior clerk-typist at the Press, in charge of that phase of American Quarterly publication.

JANE McCarthy, production manager of the Press, designed the magazine's format and cover. Handling promotion for the Quarterly is Helen L. MacDonald, Press sales manager.

The Quarterly is on sale at all campus bookstores, and subscriptions (one year, \$3.50; two years, \$6) may be obtained from the University Press office, on the ground floor of Nicholson hall.

MUTUAL BENEFIT FUND

Staff members make success of shoestring endeavor

IN 1915, three staff members got together to talk over a problem that had been bothering them for a long time.

They thought there must be a better way than just "passing the hat" for fellow workers who died or were critically ill.

They were all of the mind that the hat-passing method resulted in unequal remembrances. And besides that, families of those who died often were left without ready cash to pay immediate bills.

These three staff members thought long and hard. They were Ed Hempel, carpenter foreman; Thomas Hickey, plumber foreman; Wallace V. Blomquist, now assistant supervising engineer.

They designed a benefit fund for any staff member who wanted to join the group. The state insurance commissioner warned them about their "shoestring" plans, but they went ahead.

TODAY, 34 years later, the University of Minnesota Mutual Benefit Fund is a healthy organization with more than \$7,000 on the books and about 300 members on the University staff.

Here's how the plan works: Each member pays 25 cents a month or \$3 a year to the fund. If he dies within 10 years (technically, 120 months), his family gets \$150. After 10 years of membership, the fund pays \$200 upon the death of the fund member.

Even if you work 40 years at the University, you pay in a total of

\$120 for your family to get \$200 upon your death.

There are a few rules: You must be under 55 to join and in good physical condition. If you go on retirement or quit your University job and take another full time job, you can't continue your fund membership. But you can get back half of what you paid in to the fund if you've been a member more than five years. Payments may be made in advance every four months or every year.

MR. Blomquist is the only one of the original group of fund planners who's still on the job as a staff member. He still holds his original job as secretary. Mr. Hickey, the first president, still holds that office, though he is now retired from the University staff. Mr. Hampel is now dead.

Mr. Blomquist says the real advantage of the fund is the lack of red tape. "As soon as we hear of a death, we draw a check on the bank and deliver it the same day," he says. "Not even a dotted line for a member's family to sign."

To invest the money the fund collects, the group follows the advice of the office in charge of University investments. The fund is not connected officially with the University, although it has its sanction.

The only expenses paid out each year are \$15 each to the treasurer and secretary for expense money in transacting the fund's business.

Mr. Blomquist is proud of the fact that in the whole history of the fund,

there never has been an assessment on the members.

A majority of the fund's members work for the Physical Plant department. But all staff members—faculty and civil service—may join if they qualify.

Among members in past years were Presidents Lotus D. Coffman and Guy Stanton Ford. Vice presidents Malcolm M. Willey and William T. Middlebrook have been members for many years.

Besides the death or burial benefit, the group has a separate flower fund for funerals or times of illness. That's handled with separate assessments of members.

JOINING the fund is simple. You can get an application card at the Physical Plant office on the ground floor of the Administration building. The membership committee gives the final okay.

Our Cover . . .

THE cover photograph for The Minnesotan this month shows Green hall from an unusual angle.

Named after Samuel B. Green, the first chief of the Division of Horticulture and Forestry, the building is considered one of the best planned in the country.

This headquarters for the Forestry Division also houses the Lake States Forest Experiment Station of the United States Forest Service.

The Minnesotan

Experiment

Station

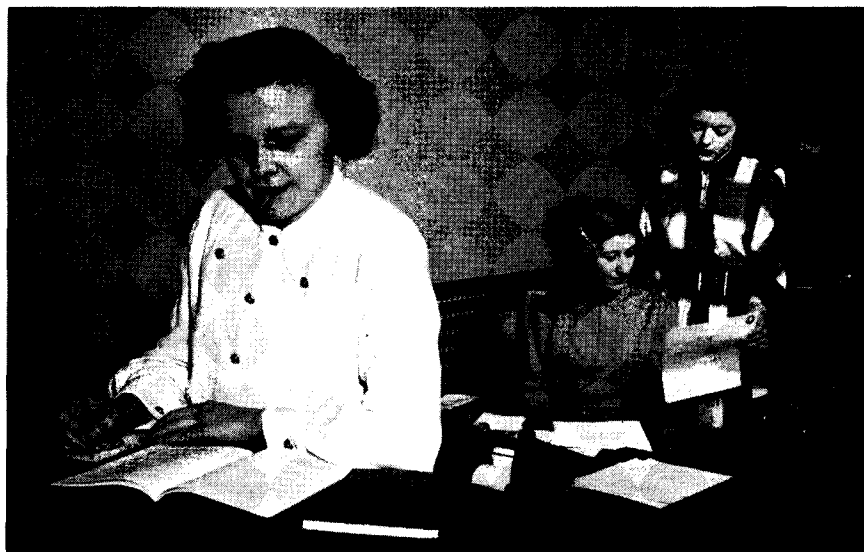
CONTINUED

Here are some of the important projects now under way, according to Frank B. Rowley, director of the Station:

Flour mill dust; properties of gases and their relation to ram jet engine performance; properties of materials at low temperatures and pressures; physical and structural properties of building materials.

PROFESSOR Rowley likes to emphasize that the research facilities of the Station are open to all who can be accommodated.

"We don't want anyone to think that we're limited to research in the mechanical engineering field alone," he says. "In fact, we often give space to research work which has little to



At the center of Station activity are these staff members. Left to right are Eldora Carlson, editorial assistant; Mary Hessburg, clerk stenographer; Darlene McClanahan, secretary.

do with the ordinary research in the Station."

Besides the regular Station staff of 15, from 10 to 15 academic staff

members work there on a part time basis.

Much of the Station research is financed by grants from government and private industry.

When such a grant is made, the research staff assigns the work and does the necessary recruitment. When the research is completed, it is usually followed up with publication of the scientific findings.



The only apparatus of its kind in the country gets the interested inspection of staff members. Showing off the new device to test insulation materials under vacuum and at low temperatures is Robert Lander, extreme left, an assistant scientist at the Station who designed the device. Looking on, left to right are C. O. Lund, mechanic; Herman Fors, senior lab attendant; Robert Rhame, machinist; Roger Erickson, senior machinist; Lauritz Clausen, machinist.

\$500,000 WORTH OF BUSINESS

University's Chemical Storehouse Stocks Over 6,000 Items

IN an obscure corner of the Chemistry building—in a corner that many staff members have trouble finding—is one of the largest drug and scientific stores in this part of the country.

The Chemical Storehouse isn't really a store in the ordinary sense of the word. But Manager H. G. Nessel likes to think of it and talk about it in that way.

"We stock 6,000 items and do about \$500,000 worth of business every year," he says. "Every department of the University is a customer of ours. In fact, our only customers."

THE "merchandise" ranges from aspirin and cleansing tissues to articles of gold and platinum. There are even some diamond-pointed pencils for writing on glass.

The large range of goods on hand constitutes one of the Storehouse's chief headaches. "We spend a good deal of our time looking up prices," Mr. Nessel says. "University departments have to know prices so that they can keep within their budgets when they order."

The biggest "buyer" at the Storehouse is the University Hospitals together with its medical research work.

An important part of the Storehouse is its self-supporting manufacturing division under Kenneth L. Bacon, manufacturing chemist.

Mr. Bacon oversees the turnout of about 100 different products.

With the help of five students who work part-time, Mr. Bacon puts out

thousands of gallons of laundry bleach, water wax and liquid soap each year.

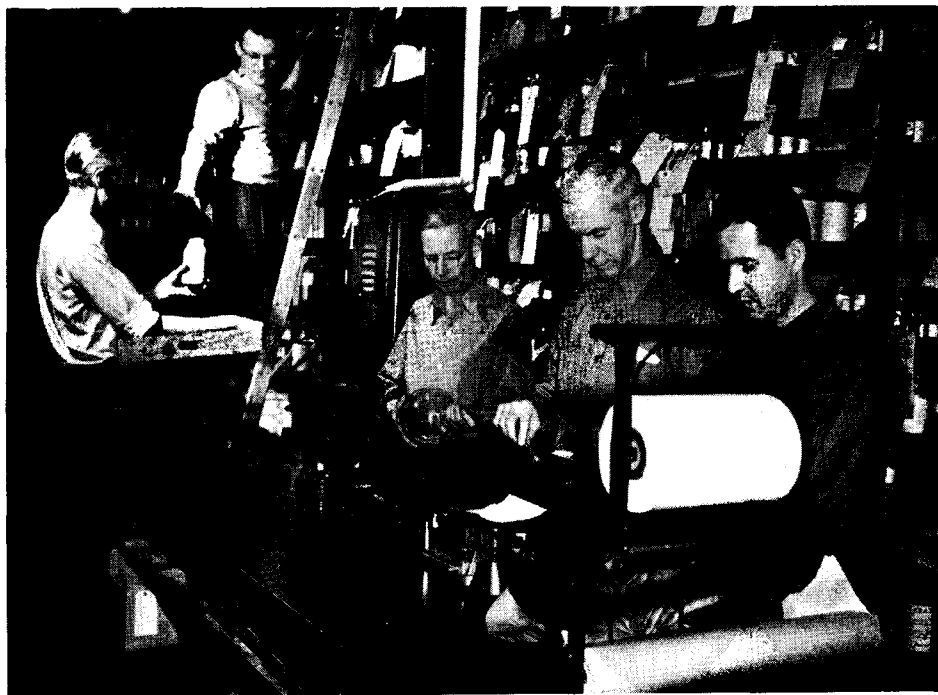
Some of the other products are floor wax, household ammonia, sweeping compound, fountain syrups and ink.

Mr. Bacon has been in charge of manufacturing operations since they began some 16 years ago. He develops many of his own formulas. For instance, he has a window cleaner for use during freezing weather. That's now being used on campus in limited quantities.

IN some cases, the Storehouse develops products it believes are better than many of those on the commercial market. Mr. Bacon and Mr. Nessel think their carnauba base floor wax is one of those products.

Mr. Bacon gets some unusual jobs. Once a rat died in the intricate and huge ventilating system of Northrop auditorium.

It was certain that the next performance literally would have smelled if Mr. Bacon hadn't developed a deodorant on



Making up orders is the business of these Storehouse staff members. In the background, left to right, are Herb Friesen, Bill Oseth, Carl Hird, Kenneth Bacon and Wilbur DuBois.



The records of 160,000 items keeps the office force of the Chemical Storehouse busy. In the foreground is Peggy Latimer. In the background, left to right, are H. G. Nessel, Jane Crooks and Jane Nystrom.

the double quick to take care of the emergency.

The Chemical Storehouse works on a perpetual inventory plan which has served as a model for a few hospital supply houses.

But unlike many commercial firms, the Storehouse is not too worried about complete stock turnover.

“WE like to keep small quantities of obsolete items on hand, but they’re really not obsolete,” Mr. Nessel says. “Suppose a research man doesn’t quite trust a piece of research done perhaps 15 or 20 years ago. He wants to do the work over. Often we can duplicate the equipment.

March 1949

Nevertheless, Mr. Nessel watches the market closely for price changes and the introduction of new products that will be useful to the University.

For such a large “store,” the staff is surprisingly small. In the office, there are Jane Nystrom, senior account clerk; Jane Crooks, senior clerk typist; Peggy Latimer, clerk typist.

In the storeroom are Carl Hird, principal clerk; Herb Friesen, William Oseth, Wilbur DuBois, stock clerks.

THE Storehouse has one request to make to staff members ordering supplies: When you want a chemical, order by name—not formula. The formula rarely is needed to fill orders.

Shingles Needn't Be Cause of All Ceiling Leaks

SO it's spring, and you're bothered with damp spots, paper peels or paint cracks on your ceilings.

Before you decide it's time for new shingles, Frank B. Rowley, director of the Engineering Experiment Station, has some advice.

A common cause of apparent leaks is condensation of the ordinary moisture in the air in a house, which has seeped into the walls and roof during the cold weather.

A roofing study, according to Mr. Rowley, has revealed that condensation is a common cause of leaks that really aren't leaks.

Instead of leakage through the roof, here's what often happens:

During the winter, there is more humidity, more moisture, in the air inside a house. This results in greater vapor pressure. And vapor moves into cold, dry areas just as water runs downhill. It passes right into walls and roofs.

As the vapor gets to the outer layers of the wall or roof, it gets colder and condenses. Then the “leak” appears.

What can a householder do to prevent or stop condensation? First of all, says Mr. Rowley, the roof must have a layer of vapor resistant material—asphalt or pitch coated paper—on its underside. If there is insulation in the roof or attic, the vapor barrier must be on the underside or warm side of that.

Other things that can be done to keep vapor from condensing and ruining that new paint job are keeping humidity inside the house from getting too high during cold spells and maintaining good ventilation.



a job problem?

WHAT do you do when you have a complaint about your job?

Do you keep it under your hat, or do you try to get it settled?

The University is concerned that you settle any such job problems as soon as possible.

Of course, that just makes common sense. If you keep your dissatisfactions to yourself, you are going to be unhappy. No longer will your working atmosphere seem friendly.

Besides that, small misunderstandings often result in more serious problems—if you don't speak right out.

The University shows its interest in these matters of job problems and dissatisfaction by providing a grievance procedure which tries to make sure that everyone has a chance to get his problems off his chest and settled in as fair a manner as possible.

During the last year, the University's policy on grievances has been changed so that it's easier to understand and work with.

Let's take a brief look at the University's grievance setup:

formal grievances

ONE type of dissatisfaction comes under "formal" grievances. That's the kind of grievance that has to deal with the interpretation of Civil Service rules, the classification or pay plan, or how they are applied. This

kind of grievance may be settled finally by a group of outside arbitrators.

All other grievances are settled within the University.

There are three ways you can submit a "formal" grievance:

submitting grievances

1. If the grievance involves job reclassification, the staff member fills out a classification questionnaire describing his duties as they now exist. He also writes a letter which points out his specific duties and responsibilities which weren't part of the job when it was last classified. These go, at the outset, to the Personnel Office for consideration (but need to be signed by the department head and administrative staff officer).

2. If the grievance involves disciplinary action, the staff member sends a letter to the Director of Civil Service Personnel within 10 days after he's been notified of the nature of the disciplinary action being taken against him.

3. If the grievance doesn't involve either reclassification or disciplinary action, it should be presented orally or in writing to the supervisor within 90 calendar days after the event which brought it up.

If the supervisor or department head can't settle the grievance (outside of reclassification) to everyone's satisfaction, an appeal is made to the

Director of Civil Service Personnel. Then if no agreement is reached, the problem goes to a board of three arbitrators from outside the University. They meet, talk over the problem with both the staff member involved and the University representatives and try to arrive at a just settlement of the formal grievance.

Their decision is final for both the staff members involved and the University.

A staff member may represent himself in all grievance procedures, or he may have someone else represent him. This can be his union. And staff members are given reasonable time off to take part in grievance procedures.

new pay plan

ANOTHER type of dissatisfaction involves setting up a new work class or adjusting a pay plan. This is settled within the University and it's taken up with the Director of Civil Service Personnel.

other dissatisfactions

THE third type of dissatisfaction comes under a miscellaneous heading. It usually involves working conditions not covered by Civil Service Rules, or problems of getting along with your fellow workers or supervisor.

Continued on page 15

The Minnesotan

Winners Announced

SCHOLARSHIPS GIVEN 18

AT least 18 staff members from the Twin Cities' campuses aren't afflicted with spring fever this year.

These 18 are taking Regents' Scholarships during spring quarter, adding class work to their schedules. They've won the right to take as many as six University credits in fields of study related to their jobs and not offered in the Extension Division. They pay no tuition fees, nor are they required to make up time spent while in class.

THESE winners were selected by the Civil Service Committee. Decisions were influenced by the applicants' previous service records at the University.

During the next academic year—starting fall quarter—another 60 Regents' Scholarships will be given out over the three quarters. It isn't too early to be thinking about courses you want to take, or even picking up an application blank in Room 17, Administration building, Minneapolis campus.

The 18 winners for spring quarter are: Audrey E. Anderson, clerk, Admissions and Records; Mary Jane Armstrong, clerk-typist, Horticulture; James H. Felber, director of Coffman Memorial Union Food Service.

BETTY Jane Greer, clerk-typist, Admissions and Records; Ivie M. Hanson, secretary, Department of Physical Education for Women; Ruth V. Harris, clerk-typist, Bureau of Veterans' Affairs; Joseph N. Haw, assistant technician, Audio Visual Education.

Catherine Janssen, clerk-typist,

Bureau of Veterans' Affairs; Edmund L. Mallet, laboratory technologist, Public Health; Ruth M. New, key punch operator, Admissions and Records.

Betty Jane Reed, clerk-typist, Education; Alma O. Scott, junior librarian, Library; Betty R. Seifert, junior librarian, Library; Elaine M. Seledic, clerk-stenographer, School of Business Administration.

MERLYN M. Sletten, clerk-typist, Electrical Engineering; Byron C. Smith, principal account clerk, Comptroller's Office; Ethel K. Sullivan, senior secretary, Library; Betty M. Vincent, clerk-typist, Speech Clinic.

Yard Hints

CONTINUED

of the yard from the living room. Arrange the plantings in this area so that you can enjoy the view from both the inside and outside of the house."

THERE'S a secret to planning this area. It will look best if you keep the lawn open and plant around the borders of the yard, except for an occasional shade tree.

The border will look nicest if it has shrubs for background and annual and perennial flowers in front of the shrubbery. The shrub border will be most effective if it is composed of small groups of the same variety, with lower plants in front of taller ones.

"An important point in planning the shrub border," says Mr. Snyder,

"is to think of the season of bloom. You can have an interesting border the year around if you consider the summer color of foliage, autumn fruits and colors and winter aspects."

A GRACEFULLY curved border, more pleasing to the eye than a perfectly straight one, can be laid out by using the garden house to plan the curves.

Garden features, such as lily ponds, bird baths and rock gardens should be worked into the border plantings, according to Mr. Snyder. By keeping the lawn itself open, you give the impression of spaciousness and give room for outdoor recreation. You'll also make the work of caring for the lawn much easier for yourself.

You'll want to order the necessary shrubs, trees and flowers only when your garden plan is completed and you have the entire yard "thought out" to your satisfaction.

A final tip from Mr. Snyder is to order your plants from a nursery near home. The term "hardy" as used by most nursery catalogues has little meaning except for the immediate area where the nursery is located.

ORCHIDS TO

The 21 University staff members and regents who have been chosen to the list of "Minnesota's 100 Living Great" citizens.

**The Minnesotan
Tells The Story
On Page 3**

March 1949

LEGISLATURE APPOINTS 4 TO REGENTS

Herman Skyberg is new member

NEW member of the Board of Regents is Herman F. Skyberg, a farmer from Fisher, Minnesota.

Mr. Skyberg, who is 52, married and has four children, has long been active in Minnesota farm circles. He raises potatoes and small grains on his Polk County farm. •

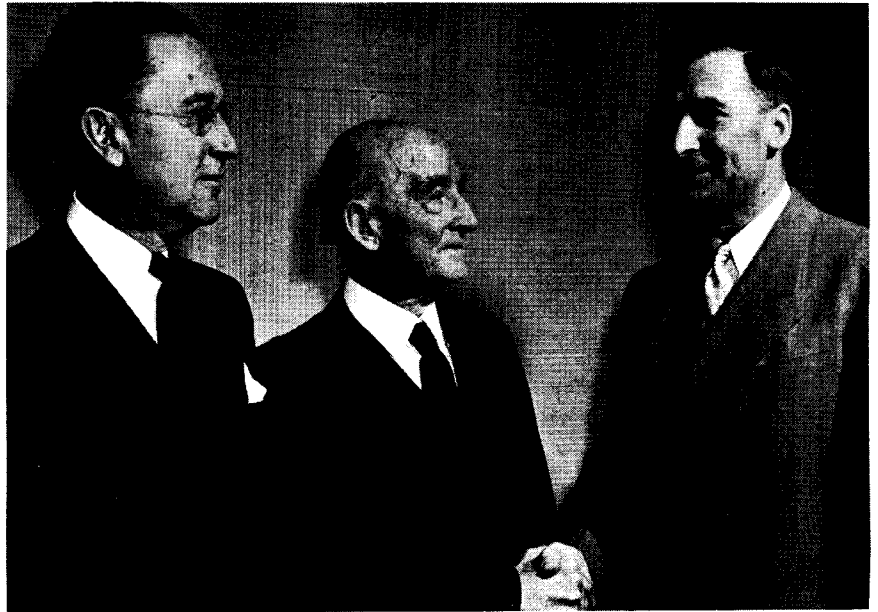
He was appointed for the Board of Regents position by the state Legislature. Re-elected, at the same time, were Daniel C. Gainey, first congressional district; Dr. E. E. Novak, second district; and A. J. Olson, seventh district. Mr. Skyberg is from the ninth congressional district. All four were elected to six year terms.

Mr. Skyberg replaces Dr. F. J. Rogstad, who served as a Regent since 1939 and did not seek re-election.

A member of the advisory committee for the University's Industrial Relations Center, Mr. Skyberg also is on the Governor's Advisory Committee on Mental Health and is a member of the North Central Potato Committee.

HE is a past president of the Farmers Co-op Marketing Association, Red River Valley Potato Growers Association, Minnesota Crop Improvement Association, Polk County Farm Bureau and the Polk County Rural School Officers Association.

At his first meeting of the Board of Regents, Mr. Skyberg said, "Naturally, I'm interested in the farm campus, but most of all I'm interested in the whole University. I want to represent all the people who want to attend the University, not just one particular group."



Welcoming new Regent Herman F. Skyberg to the Board are Fred B. Snyder, chairman, and President J. L. Morrill.

IN CASE YOU DIDN'T KNOW . . .

University Items of Interest

THE oldest building on the Minneapolis campus is Eddy hall, built in 1886, which now houses the University radio station, KUOM, the Testing Bureau, the Student Activities Bureau and the Dean of Students Office.

The University was chartered by the territorial legislature in 1851, only two years after establishment of the Minnesota territory.

The Reference Department of the Library has gathered together a microfilm collection of more than 3,100 reels.

The College of Education is the third largest undergraduate college at the University, ranking only behind the Colleges of Science, Litera-

ture and the Arts and the College of Engineering.

The University was one of the first in the country to establish the position of religious coordinator to provide student counselling and coordinate all religious work on the campus.

The first building on the University campus, Old Main, was destroyed by fire in 1903.

EVENING class registrations (the Extension Division) have reached a record total of 8,861 for the spring semester of 1949.

A total of 89,733 volumes was acquired by the University's Libraries during the past two years.

'Government' Gavel PEIK GIVEN HISTORICAL PIECE

IF wood could talk, the gavel recently given to Dean Wesley E. Peik of the College of Education would tell a colorful bit of Washington history.

The head of the gavel is made from the famous "Washington Elm" tree. It is said that this tree was planted by George Washington in 1798 when he built a brick house north of the capitol. The elm died of old age last year, and was removed from the east lawn area of the capitol grounds.

Handle of the gavel is mahogany taken from furniture used in the old Supreme Court building.

The gavel was presented to Dean Peik at a meeting of the American Association of Colleges for Teacher Education. He is president of the organization.



Dean Wesley E. Peik of the College of Education holds his new gavel of 'capitol' elm and mahogany while other staff members of the college look on.

Pioneer Days

CONTINUED

a rush of settlers to Duluth. There was no gold, but they all overlooked something more precious—iron ore. Featured during the course of the program are background recordings of activity about Duluth's ore docks and harbor.

“FRONTIER Doctor”—May 14—Early Minnesota was scourged periodically with disease. This broadcast tells of how Dr. Charles Hewitt of Red Wing led the fight for good health by organizing a public movement.

“The Wealthy Apple”—May 21—How early settlers struggled to make the land fruitful is told in this story of Peter Gideon, pioneer horticulturist and one of the first of Minnesota's research scientists.

It's the story of many years work and many defeats Gideon underwent to produce the famous Wealthy apple. Some of the broadcast originates in University laboratories on the St. Paul campus.

“THE Capital Prank”—May 28—Here is a famous tale of pioneer humor and frontier politics. It tells of the roaring argument in 1857 about the site of the new capitol. Tape recordings from St. Paul will feature Minnesota political life today.

“The Harvest”—June 4—The grim struggle of farmers in the 1870's to raise wheat against desperate odds is told in this broadcast. There was a time when it looked as though the state could not grow wheat again. The

story centers on the problems of a wheat farmer and how he won his fight.

“The Crusader”—June 11—The debt that Minnesota's dairy industry owes one man is told in this story of Theodore L. Haecker, pioneer of agricultural cooperation. Some of the broadcast will come from a creamery at Clark's Grove, Haecker's original model cooperative, which is still operating successfully on the same spot today.

“THE Holocaust”—June 18—a story symbolic of the many heroic deeds of Minnesotans. It is the story of James Root, engineer, and his fellows, and what they did during the great Hinckley tragedy of 1894.

March 1949

13

Einstein's Birthday

REMEMBERED

A "birthday party" for Albert Einstein, the only one of its kind in the country, was held recently by a group of University staff members.

These professors celebrated by arranging a symposium on the eve of Mr. Einstein's 70th birthday, featur-

ing discussions on the great mathematician's contributions to science.

Two physicists, an astronomer and a philosopher, discussed the various aspects of Mr. Einstein's work.

J. W. Buchta, chairman of the Physics Department, was chairman of the group. Speakers were Edward L. Hill, professor of physics; Joseph Weinberg, assistant professor of physics; Willem J. Luyten, professor of Astronomy; and Herbert Feigl, professor of Philosophy.

Another building rises on campus

CONSTRUCTION is underway on the new five-story Chemical Engineering building on the Minneapolis campus.

The new building is taking shape on the area at the north side of Washington avenue, between Church and Union streets. Formerly, there was a University parking lot on the site. A portion of a temporary building which occupied part of the land has been removed.

Plans for the Chemical Engineering building provide for laboratories, offices, class rooms, drafting rooms and shops in a factory-type structure. The building will be about 200 feet long and 50 feet wide.

"Owners" of the building will be the Chemical Engineering Division of the School of Chemistry. Head of the division is Professor Charles A. Mann.

The Chemical Engineering building will form the south end of the engineering quadrangle. It eventually will be bordered on the east by a future Highway Engineering laboratory building, and on the west by a future wing for Chemical Engineering and other Institute of Technology activities.

No completion date has been specified for the structure, the only stipulation being that the work be finished "as soon as possible."

'U' Jobs Open For Qualified People

JOBs at the University are open in a number of Civil Service classifications. If you have any friends or acquaintances who would like to become staff members and who can qualify for any of the jobs listed below, ask them to come to the Civil Service Employment Office any hour during the day.

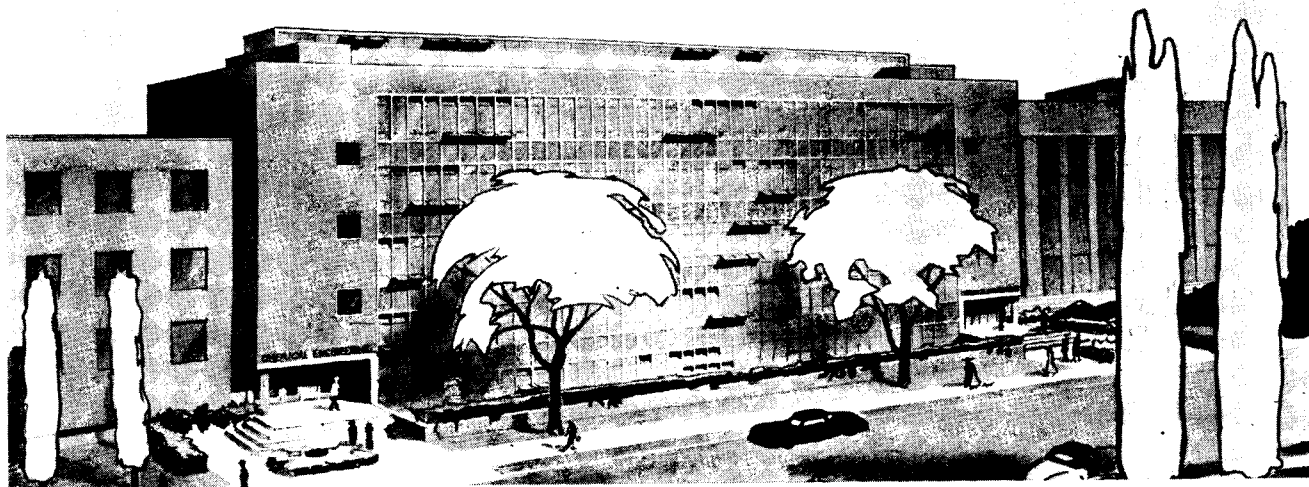
The salary range for each classification is listed on the right:

Jobs usually filled by men

Assistant Scientist	\$280 - 330
Laboratory Attendant	140 - 165
Sr. Laboratory Technologist	224 - 264

Jobs usually filled by women

Clerk-Stenographer	\$140 - 165
Clerk-Typist	140 - 165
Comptometer Operator	140 - 165
Principal Food Service Supervisor	234 - 274
Psychometrist	234 - 274
Secretary	169 - 199
Sr. Clerk Typist	169 - 199



Lupori Awarded Carnegie Prize For Sculpture

A DUSTY warm brown figure two and one-half feet high, which took him three days to make, won the 1949 Carnegie Institute prize for ceramic sculpture for Peter Lupori, instructor of Art Education.

The piece of abstract sculpture, named "Increase and Multiply and Fill the Earth" has a textured surface. Mr. Lupori managed that by using the edge of an ordinary ruler.

Thirty-year-old Mr. Lupori served during the war as a camouflage officer in the army. He studied sculpture under Joseph Bailey Ellis at Carnegie Tech. A member of the University staff since 1946, he also teaches at the College of St. Catherine in St. Paul.

In addition to this Carnegie Institute prize, Mr. Lupori has received other national recognition for his art work.



Artist Peter Lupori looks over a piece of sculpture done by one of his students as a project.

Plans Made for FUND DINNER

STAFF members—especially alumni—were asked this month to reserve April 28 to attend the Greater University Fund kickoff banquet.

"It promises to be one of the most spectacular events of the year," says Stanley Wenberg, director of the Greater University Fund.

The banquet is set for the Union Ballroom at 6:30 p.m. It'll be \$1.50 for a turkey dinner.

"This won't be a solicitation dinner; the emphasis will be on entertainment," Wenberg says.

March 1949

Job Problems

CONTINUED

If you have this type of dissatisfaction, you should talk it over right away with supervisor. If you can't iron out the differences, you should go to your department head. If there still is no solution, you can go to the Director of Civil Service Personnel. From there, the case may be taken finally to the Civil Service Committee—a five-man board.

So far under the new grievance program, dissatisfactions have been settled satisfactorily before they've come to the arbitration stage—and before too much time has been involved for the staff member who has the grievance.

This has shown that most dissatisfactions really have been due to misunderstandings or a lack of information about University procedures on the part of the people involved in disputes.

But the main thing to remember is this: get rid of your complaint; don't keep it under your hat and stay unhappy.

The University welcomes a chance to hear your job problems. You can't possibly hurt yourself by coming right out and talking about your dissatisfaction. In fact, you'll find that your job will be more pleasant if you do.

'BUILDER' AWARD GIVEN



We'd Like You To Meet . . .

New Home Economist Joins University Staff Family

MIRIAM Grosser Scholl will join the University staff as an associate professor in the Department of Home Economics in the College of Agriculture, Forestry, and Home Economics in June. She also will manage the dining hall on the St. Paul campus.

Miss Scholl has had an unusual background of training and experience which fits her admirably for her new position with its double duties.

She has served on the editorial board of the "Journal of Home Economics" and is a past secretary of

the School Food Service Association. Her past experience also includes instructing in Home Economics at Teachers College, Columbia University.

Miss Scholl also worked as a food officer of UNRRA, serving in the British zone of Germany.

A candidate for her doctorate in Education in Teachers College at Columbia in June of this year, Miss Scholl received her bachelor of science degree from the University of Washington and her master of arts degree from Columbia.

SHOWN congratulating Mrs. George Chase Christian after she was presented the University's "Builder of the Name" medal are Dr. John J. Bittner, director of the Division of Cancer Biology; Dr. Harold S. Diehl, dean of Medical Sciences; and President J. L. Morrill.

Mrs. Christian is the third "Builder of the Name" award winner.

The University honored her for her interest in and support of the Medical School.

Some of Mrs. Christian's other activities include serving as head of the Citizens Aid Society, and a director of the Minneapolis Orchestral Association.

New Fruit Types

MARKETED

TWO plums, an apple, a cherry and a pear, newly developed by the Fruit Breeding Experiment Station at Excelsior, have been placed on the growers' market for 1949.

The newcomers have been named the Redglow and South Dakota plums, the Oriole apple, the Orient cherry and the Golden Spice pear.

The Redglow is a large, midseason plum of a deep red color. The South Dakota plum is bright red and of medium size. The Oriole apple is a summer apple, of good eating quality.

A small yellow pear, the Golden Spice is best for sauce and spiced pickles.

The addition of these new fruits brings to 122 the total of new varieties of vegetables, fruits and ornamental plants developed at the Experiment Station.

W. H. Alderman, is chief of the Division of Horticulture and also superintendent of the Excelsior Station.

The President's Page

THE Minnesota Legislature is confronted with very difficult problems. Not least among these is the consideration of the Regents' requests for the biennial University appropriations.

Once again the University must give an accounting of its stewardship, must justify its generous support from the citizens and taxpayers of the state, and must explain in detail the reasons for its requests. We must endeavor to interpret to the legislators the vast and complex pattern and purposes of our activities and operations.

This last is a difficult assignment. No single University spokesman can suffice to carry it. More than 15 members of the faculty and staff have already shared with the President the responsibility of appearance before the House Appropriations and the Senate Finance Committees. They have been able and persuasive proponents of the University's program—living witnesses to the integrity and significance of our University service to the people of the state through science and scholarship, through teaching and research.

I wish that every member of the staff might have heard them; might have shared my own pride and confidence in their leadership and their work; and might have sensed, as I felt it, the obligation that lies upon us all to re-examine our several responsibilities to the ongoing of the University and to the people of the state who make possible our opportunities.

Because the University is so big, there is an undoubted tendency to question and complain about its costs. Because each of us is so busy, so burdened with the sense of still more to do, we ourselves are sometimes too much inclined to take for granted the large sums required for our work.

Either attitude is erroneous. The bigness of the University (and its costs) is not a result of institutional ambition. It represents our response to the needs and demands of the people themselves for the education of their children, for research and public service required for the upgrading of the wealth and welfare of the state. Only to the extent that it reflects the insight and the self-imposed obligation of individual staff members to see



ahead and to undertake new and useful duties is the size of our University enlarged.

Nor can we in the University take for granted the support which the state supplies. We have no claim beyond our ability to prove "value received." We must deserve the means to do our work—and the testimony of our staff members before the legislative committees must have convinced those listening of our sincere awareness of that obligation.

The University, let me say, does not approach the Legislature in the mood of some humble suppliant, "hat in hand." It makes a proud accounting of its service. The Regents, chosen by the Legislature itself, feel themselves trustees of the large and long-range purposes of the people of Minnesota—partners with the Legislature in responsibility for the practical realization of those purposes.

To the Regents, the Legislature—and thereby the people—we who hold University appointment are responsible in turn. We must be mindful always of the fact that the greatness of the University lies in the caliber and competence, the professional conscience and the personal commitment of its staff to carry forward the inspiring tasks of teaching, research and public service.

F. L. Merrill



THE MINNESOTAN

Published for Staff Members of the University of Minnesota



VOLUME II

April 1949

NUMBER 7

APRIL 16 TO MAY 15

The University of Minnesota Calendar of Events

UNIVERSITY PRESS PUBLICATION DATES

- April—"Trends in Student Personnel Work." Edited by E. G. Williamson.
April—"History of the White Pine Industry in Minnesota." Agnes M. Larson.
April—"Japan's Economy in War and Reconstruction." Jerome B. Cohen.
April—"Learning Theory in School Situations." Esther J. Swenson, G. Lester Anderson, Chalmers L. Stacey. University of Minnesota Studies in Education Series.
May—"Therapeutic Group Work with Children." Gisela Konopka.
May—"The Adventures of Lindamira, a Lady of Quality." Edited by Benjamin Boyce.

LECTURES

(Museum of Natural History Auditorium)

- April 17—"Superior's North Shore in Winter." Dr. W. J. Breckenridge. 3:00 p. m.

ATHLETIC EVENTS

(Boxing Matches at Home)

- April 19, 20—Iowa State Teachers.
April 29, 30—Michigan.

EXHIBITIONS

(University Gallery, Northrop Auditorium)

- To May 10—Jewelry, Ancient and Modern.
To April 22—Paintings by Walter Quirt.
April 25—Two Architectural Shows. Marcel Breuer and Mies Vander Rohe.
April 27-May 20—Paintings by Ralston Crawford.

UNIVERSITY THEATRE

- April 21, 22, 23—8:30 p. m., "Rifle, Axe, and Plow." David W. Thompson. Music by James Aliferis. Northrop Auditorium.
April 28, 30—8:30 p. m., "Huckleberry Finn."—Adaptation by Corrine Holt and Frank M. Whiting. Scott Hall Auditorium.

FOREIGN FILM SERIES

(Northrop Auditorium, 4:00 and 8:00 p. m.)

- April 25—"Henry V." British film. Special showing.
May 4—"The Idiot." French film.
May 11—"Girl of the Canal." British film.

CONVOCATIONS

(Northrop Auditorium 11 a. m.)

- *April 21—"The Crisis in American Education." Benjamin Fine.
*April 28—"Our Alaskan Defenses." Frank Kluckhohn.
*May 5—"Health Services for the Future." Dr. Esther Lucille Brown.
*May 19—Cap and Gown Day.

SPECIAL LECTURES

- April 19—"Recent Developments in British Government." Professor William A. Robson. 3:00 p. m. Murphy Hall Auditorium.
April 20—"Nationalization in Great Britain." Professor William A. Robson. 3:00 p. m.
April 20—"Money Madness: Is There a Cure?" Professor Arthur Uppgren. 8:00 p. m. Museum of Natural History Auditorium.
April 26—"Art Education and Social Progress in Scandinavia and America." Aslaug Blytt. 4:15 p. m. Murphy Hall Auditorium.
May 10, 11, 12—"Current Issues in American Constitutional Law." Prof. Edward S. Corwin. 3:00 p. m. Murphy Hall Auditorium.
May 13—A reading of modern verse with commentary. 3:00 p. m. Allen Tate. Museum of Natural History Auditorium.
May 13—Lecture. Third Annual Newspaper Guild Memorial Lecture. James B. Reston. 8:00 p. m. Museum of Natural History Auditorium.

SPECIAL EVENTS

- April 28—Staff Folk Dancing. 8:00 p. m. Coffman Union.
May 12—Staff Folk Dancing. 8:00 p. m. Coffman Union.
May 14—Mothers Day.

LIBRARY

- To May 1—Centennial Exhibit. First Floor.

SIGNIFICANT UNIVERSITY BROADCASTS

- KUOM. Tales of Minnesota.
5:30-6:00 p. m. Lumberjack. April 16.
5:30-6:00 p. m. The Outlander. April 23.
5:30-6:00 p. m. Schoolmarm. April 30.
5:30-6:00 p. m. The Gold Rush. May 7.
5:30-6:00 p. m. Frontier Doctor. May 14.
5:30-6:00 p. m. The Wealthy Apple. May 21.
5:30-6:00 p. m. The Capitol Prank. May 28.

*Also heard over KUOM.

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COPIES ARE ON SALE AT THE UNION BOOK STORE

Photographs throughout this issue of The Minnesotan were taken by the University Photographic Laboratory.

COFFEY HALL HOLDS 1,500,000

ENTOMOLOGY DIVISION has giant collection of insects

A MILLION and one-half bugs make their home in the St. Paul campus' Coffey Hall. Fortunately, though, the insects are dead—well preserved on pins or in liquid.

Maintaining this giant collection, largest of any University in the United States, is only a small part of the work of the Division of Entomology and Economic Zoology. Under the direction of C. E. Mickel, the division conducts a far-reaching research program, brings timely information to farmers, and carries a heavy teaching load.

But back again to that insect collection! The collection has 15,000 to 20,000 different insect species from every corner of the world. It's so large, in fact, that one man would have to work steadily for a year to count and catalog it.

These insects come from many sources. For example, one staff member donated 15,000 specimens he collected while with the Army in the South Pacific. Students and professional entomologists often turn their personal collections over to the University.

THE collection is used by entomologists to check the identification of insects from all over the world, and it serves as the basis for many research projects.

Not all of the insects at the St. Paul campus are pickled, though. Three million bees buzz around the campus and nearby areas. Another



Professors A. A. Granovsky and M. H. Haydak look at aphids through their microscopes. Aphids injure plants, though they are not carried on bees, Mr. Haydak's specialty.

6,000,000 are kept in the U's apiaries near Excelsior.

M. H. Haydak, associate professor, is in charge of these millions of bees and the beekeeping research. Recently he developed pollen substitutes made of soybean flour and dried brewer's yeast that aid his friends, the bees, over periods of pollen famine.

The University's bee man, in studying the food value of honey, also discovered that the anti-hemorrhagic Vitamin K in honey is helpful in clotting blood. To prove that honey is a top-notch food, Haydak himself

tried a milk and honey diet for three months and swears that he felt better as a result.

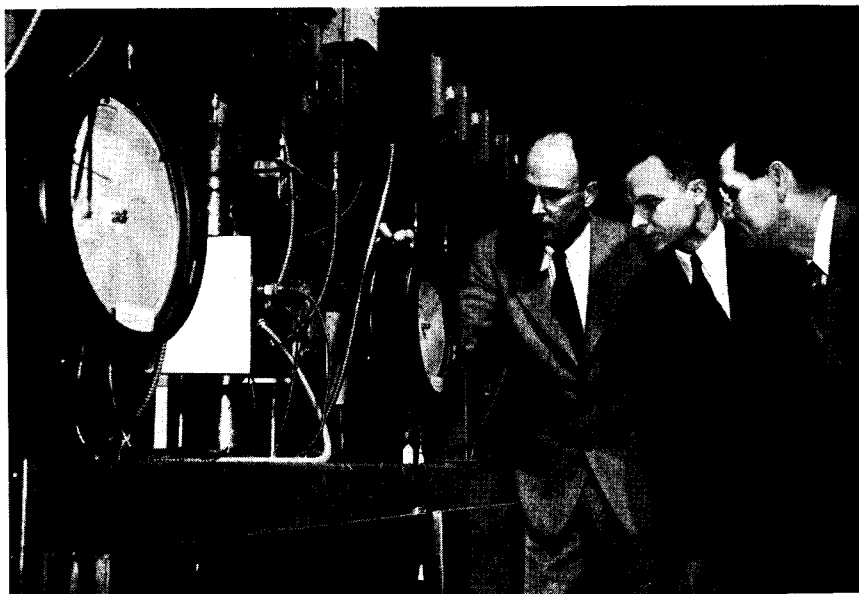
Perhaps even more fascinating to the layman are the activities of the Fish and Wildlife section. Yet, even with that intriguing name, life for associate professors W. H. Marshall and Lloyd Smith and assistant professor James Beer is not one that takes them on extended fishing or hunting trips. In fact, the professors are so busy seeking ways to use fish and wildlife that they have little time to take advantage of their research.

If fishermen find trout fishing bet-

ter in the future, it may be partly the result of Mr. Smith's work on the biology of trout streams.

At Red Lake the University, working with the Fish and Wildlife service and the Indian Service, is studying commercial fisheries producing 1,500,000 pounds of fish per year. Elsewhere, Mr. Smith and his colleagues are studying the production problems of Sheepshead and other fish produced in the Mississippi River. This project is in cooperation with the Upper Mississippi Conservation Survey Commission.

MR. Marshall and his assistants keep tab on grouse, deer, and rabbit populations at the University's Cloquet Forest Experiment Station. From these studies Mr. Marshall hopes to work out forest management practices that will help maintain Minnesota's wildlife production. Elsewhere in the state, students are studying problems such as the effect of treated seed on pheasants as well as blue wing teal, raccoon, and pheasant production.



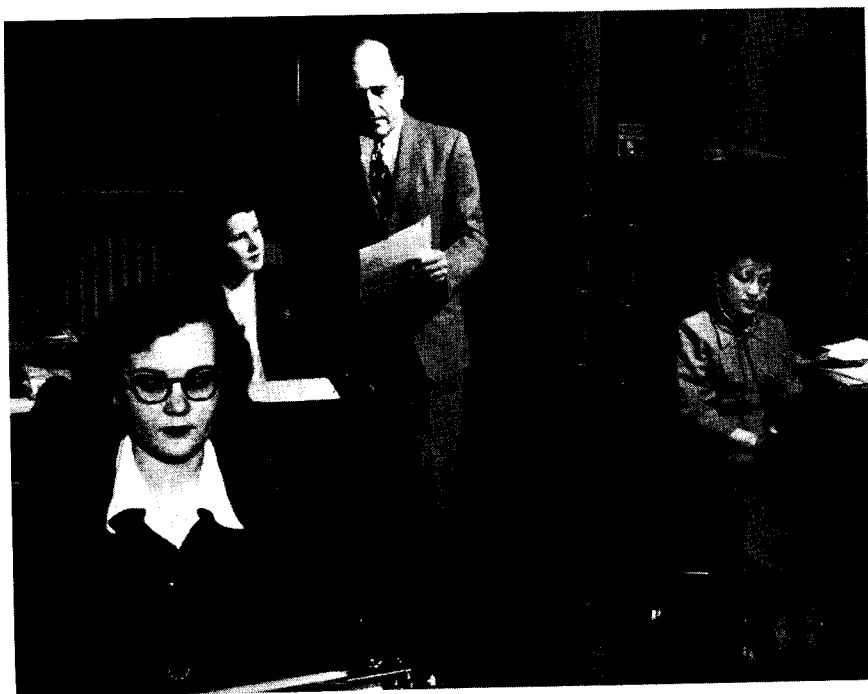
Both temperature and humidity are controlled in these testers which provide any conditions needed for experiments. Left to right are A. C. Hodson, L. K. Cutkomp and F. G. Holdaway.

Still another scientist, assistant professor A. L. Burroughs, is seeking the answer to sleeping sickness in both humans and horses. And well he might, because only a few years ago, in 1941, Minnesota suffered the

most severe human sleeping sickness epidemic ever recorded in the United States.

Last year Mr. Burroughs collected 40,000 mosquitoes and hundreds of thousands of mites and ticks. These were brought back to the department and kept frozen at 60 degrees below zero until scientists were ready to study the sleeping sickness virus. As a result of these studies, means of breaking the infection chain which causes sleeping sickness may be discovered.

BUT insects don't harm man and animals alone. Often, of course, they lend a helping hand in crop
Continued on page 15



C. E. Mickel talks something over with his secretary Claire Quitter, while clerk-typist Greta Olson, left, and Nora Matsushima, clerk-stenographer, continue typing. None of the women expressed any strong feminine feelings about the large insect collection kept by the division.

STUDENT ORIENTATION

New Get-Acquainted Program Is Boon to Staff Members, too

BEWILDERED and perhaps lonely new University students soon should be out of date.

Welcoming new students and making them feel at home is a full-scale undertaking at the University. Parts of the program have been under way for several years.

Staff members have long felt that each new student should be given a sense of belonging as well as a good beginning in the development of loyalty to the University.

As a result, the University now is making its biggest plans for orienting new students.

Under the direction of Martin L. Snoke, assistant to the dean of students, the orientation program has its sights set on making it easy and efficient for new students to get acquainted with the University personnel and programs and settle down to a productive college life.

AND it looks as if the program will benefit staff members as well. It seems apparent that if staff members give a little extra time to help with orienting new students that the burden of staff work can be cut down a good deal all down the line—from clerical routine to advisory problems.

If staff members succeed only in getting students in the right lines, the right courses and the right colleges, the University will be more efficiently run.

But there's a long run benefit in properly-oriented new students. They will become University builders—the kind of men and women who will

see that the University becomes an even greater institution.

The ambitious orientation program as it now stands is made up of several parts.

There are the "New Students Handbook"; a two-day orientation program at the time of admission and registration; leadership camp; New Student week; Freshman camp.

One of the most important parts of the program is the two-day orientation which most entering students are required to take.

New students are introduced to the University in small groups. This spring, for instance, one upperclassman conducted a group of five students through the program. They go through counseling testing; health examinations and consultations with advisers to make up their college pro-

grams. Also, these new students get a social introduction to the University so that they are given an opportunity to "learn their way around" meeting people, locating buildings, learning about student life.

ONE of the more popular activities of the program is the guidance given on how to study and take exams.

The whole program of orientation is still in the experimental stage but the staff members involved are convinced that the program will be extremely successful if they can get the cooperation of every single staff member.

They hope that the University's impression of bigness will disappear as soon as a new student sets foot on the campus.

KUOM Dramatizes Early Minnesota History in New Play Series

MINNESOTA history lives again in the KUOM series "Tales of Minnesota," dramatic-historical programs based on authentic accounts of pioneer days in this region.

Beginning in the days of the fur trader and Indian, the series takes the listener through 150 years of exciting and colorful adventure.

Each program presents actual Minnesota towns or cities as they were in pioneer days and as they are now.

KUOM script supervisor William Connell and Northrop Dawson, Jr., production director, traveled throughout Minnesota to record interviews,

songs and on-the-spot sound effects for the documentaries.

Nineteen radio stations in Minnesota and the surrounding states, in addition to KUOM, are broadcasting the series.

KUOM carries the half-hour programs from 5:30 to 6:00 p.m. every Saturday afternoon.

"Lumberjack" is the broadcast planned for April 16. On April 23, "The Outlander" will be heard; on April 30, "Schoolmarm". "The Gold Rush" is the program for May 7, and "Frontier Doctor" is set for Saturday, May 14.

NAMES CHOSEN FOR THREE 'U' BUILDINGS

Regents approve committee choice

THREE University buildings will have new names as the result of the work of the Committee on University Honors, under chairman William Anderson, professor of Political Science. The committee's choice was recently approved by the Board of Regents.

The committee chose Centennial hall as the name of the new men's dormitory, now under construction. The dormitory is expected to be completed in 1950. The name is in recognition of the state's territorial centennial this year and the University's centennial in 1951.

The seven sections, or houses, making up the dormitory have names of seven early explorers.

The units will be named for:

PIERRE D'Esprit Radisson, fur trader and explorer who probably was one of the first Europeans to see this part of the country.

Louis Hennepin, Belgian friar who discovered St. Anthony falls; Jonathan Carver, discoverer of the cave that is named for him in St. Paul, and first explorer of the British period in Minnesota; Lieutenant Zebulon M. Pike, sent by President Thomas Jefferson to explore the Mississippi and the first to raise the Stars and Stripes over Minnesota soil.

Giacomo Constantino Beltrami, who looked for the source of the Mississippi; Henry R. Schoolcraft, another of the explorers who sought the source of the river and the first to find the true source; and Joseph N. Nicollet, Frenchman who first

mapped the area between the Mississippi and Missouri rivers.

A new social science building on the Minneapolis campus, still to be built, will be called Ford hall, honoring Guy Stanton Ford, University president from 1938 to 1941.

THE Administration building on the St. Paul campus, already standing, was named Coffey hall, in honor of Walter C. Coffey, president of the University from 1941 to 1945. He was formerly Dean of the Department of Agriculture.

Members of the Committee on University Honors serving under Mr. Anderson are Clyde H. Bailey, dean and director of the Department of Agriculture; Theodore C. Blegen, dean of the Graduate school; Frank H. MacDougall, chief of the Division of Physical Chemistry; Dr. Irvine McQuarrie, head of the Department of Pediatrics; Errett W. McDiarmid, University librarian; Malcolm M.

Willey, vice president for Academic Administration.

In addition to naming University buildings, duties of the committee include recommending recipients for honorary degrees and University medals.

Our Cover . . .

SPRING always is a welcome time on all of the University campuses, especially that early, new-green period.

This month our cover shows the Administration Building and part of the Mall just as the leaves are beginning to come out.

Warner Clapp, from the Photographic Laboratory on the St. Paul campus, took the picture. If you like it well enough to want a print for a small charge, just call the Photo Lab, NEstor 4616.

Job Opportunities at the University

DO you know any friends or acquaintances who would like to work at the University? If you do, and if you think they can qualify for any of the jobs listed below, ask them to come to the Civil Service Employment Office, 7 Administration building, any hour during the day. The salaries for each job are listed on the right.

Jobs usually filled by women

Clerk	\$140 - 165
Clerk-Stenographer	140 - 165
Clerk-Typist	140 - 165

Comptometer Operator	140 - 165
Key Punch Operator	154 - 184
Laboratory Technologist	204 - 244
Photography Assistant	159 - 189
(Rosemount Research Center)	
Principal Clerk	214 - 254
Psychometrist	234 - 274
Secretary	169 - 199

Jobs usually filled by men

Assistant Scientist	\$280 - 330
Associate Scientist	361 - 421
Sr. Laboratory Technologist	224 - 264

The Minnesotan

Walls are BRIGHTER

Johns Hopkins gives 'U' buildings color with a purpose

THE staff members wanted their office painted pale green or blue. Nothing else would do.

Instead, they got one wall painted gray, and the other three, yellow.

At first they didn't like the looks of the office at all. In a few more days, they were "just used to it." Not long after, they wouldn't "for the world" have their office changed to any other color scheme.

That's a fairly typical reaction to what happens when Johns Hopkins, University Consultant Designer, arrives to "do over" a University building.

In fact, it is said that wherever you see a bright spot of color around a University building, you're not taking much of a chance when you say: "Johns Hopkins was here."

Mr. Hopkins, who's in his fourth year as a University staff member, has gotten around to doing some work in just about every University building.

He came here with an already established international reputation. "I've designed everything from streamlined trains to cuspidors," he says.

At the University, he tried out a
April 1949



The University's color design consultant, Johns Hopkins, likes to paint for a pastime. In the background is his painting, "PM Pickup," which hangs in his suite in the Campus Club.

new method of decoration for public buildings. So successful has it been, that there's usually some kind of inquiry about it in each morning's mail.

EVERYBODY agrees that Mr. Hopkins is making the University a colorful place—a place really unique among American universities.

But you might be one who thinks that Mr. Hopkins splashes his bold colors around without much thought.

"That's not the case," Mr. Hopkins emphasizes.

"I try to combine utility with good color design," he says. "The colors I use just aren't whims of mine. They all have a definite purpose."

Here are two examples of how Mr. Hopkins uses color in a functional or practical way:

● If a room is to be used for work, and therefore should be relaxing, Mr.

Hopkins chooses restful colors. North rooms—which are likely to be drab—get a sunny yellow. South rooms which get enough sunlight may be done in a neutral gray.

● The window wall is painted in a "serviceable" color—one that won't show the dirt so quickly. That color may be gray in a north room whose other walls are yellow.

IN being practical about his color choices, Mr. Hopkins attempts to stretch the time between paintings. University budgets don't permit paintings very often.

That's why Mr. Hopkins paints the lower part of some hall corridors in a dark color or dado which tends not to show heel prints and hand marks.

Mr. Hopkins also tries to make life interesting and stimulating at the University through color.

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business procedures manual

DEPARTMENTAL heads and secretaries have been talking about the need for it for years.

Now it's here!

It's the new Manual of Business Procedures which explains how to use University business administration services. And it's written in clear, nontechnical language—the kind that makes even complicated procedures easy to follow.

The Manual was sent to department heads last month. They were asked to turn it over to staff members in their department who will use it most.

Probably the department secretary will find it most helpful, but the contents aren't secret and all staff members are urged to get acquainted with it and use it.

The present contents of the Manual make up only part of what's planned for the total. Right now the Manual contains a fairly complete personnel section.

Coming up will be sections on procurement of equipment, supplies and services as well as on budgeting and accounting.

The Manual is made up so that additions, subtractions and substitutions to the contents can be made without much fuss. It is bound in semi-loose-leaf style, and is arranged so that changes are easy to make. Thus the book can be kept up to date

by release of new pages and procedures from time to time.

personnel section out now

THE part of the Manual now out covers personnel procedures—from accidents at work to vacation leave. It explains in detail such things as how to fill out appointment documents; what forms are needed for leaves of absence; how to figure vacation and sick leave allowances for Civil Service staff members.

Other titles include grievances, health service plan, promotion and transfer, service ratings—all making up a total of 21 procedures published so far.

Cartoons, charts and illustrative diagrams clarify difficult points and draw attention to important subjects as well as give the pages an attractive look.

Sample forms and tables are included as exhibits with each procedure so that all materials needed in any transaction can be studied together. When the Manual is complete, the departmental secretary will have at her fingertips nearly everything she might need to refer to in order to use business administration.

Writing of the Manual is a combined effort of all business administration departments. The Department of Insurance and Retirement and the Office of Civil Service Personnel have gathered the material for the person-

nel section, but it was read and criticized in draft form by officers of other departments and by a representative group of secretaries. Procedures for the next section on procurement of equipment, supplies, and services are being drafted now by the Purchasing Department and by the many independent service enterprise units that supply the "U" with such services as printing, photographic work, audio-visual equipment, medical illustration, and transportation. The Accounting Department is gathering material for the section on budgeting and accounting procedures.

The Office of Civil Service Personnel is responsible for preparing the Manual as a part of a developing program of employee training. Frank Pieper, Senior Personnel Representative in charge of this program, says that the Manual is only a first step in acquainting people thoroughly with University business procedures and in making these procedures easy and efficient to use.

your say on the new book

FOR one thing, department secretaries and other Civil Service staff members in the Twin City area who use the book are going to be asked to take part in discussion groups to talk about the procedures. Their problems in using procedures will be

Continued on page 7

The Minnesotan

Staff Members of the Month . . .

Young scientists honored for outstanding research records



Dr. Robert A. Huseby and Dr. George E. Moore, two of the prominent young men on the staff of the University's Medical School.

TWO young men of the Medical School staff, already renowned for their research work, have been honored again.

Dr. Robert A. Huseby, assistant professor of cancer biology, has been named "Outstanding Young Man in Minneapolis for 1948". Dr. George E. Moore, clinical instructor of surgery, has been awarded a \$25,000 medical scholarship grant from the John and Mary R. Markle Foundation of New York.

Dr. Huseby, who received his award from the Minneapolis Junior Chamber of Commerce, has been in cancer research work since 1941. In 1948, he received the William A. O'Brien assistant professorship in cancer research.

At this time, Dr. Huseby is collaborating with Dr. John J. Bittner, Director of the Division of Cancer Biology, on studies of mouse mammary cancer and the genetic control of hormonal factors in mice.

A native of Minneapolis, Dr. Huseby received both his M.D. and his Ph.D. from the University. He is one of the first to receive a Ph.D. here in the field of cancer biology.

Dr. Moore, who also received his M.D. and his M.A. from the University, is another Minneapolis man. Before becoming a clinical instructor in surgery last year, he served as a medical fellow in surgery.

He is one of 13 medical scientists in the country chosen this as "Scholars in Medical Science".

His grant, payable \$5,000 annually for five years, is part of a program to keep outstanding young doctors on teaching and research staffs of medical schools.

The scholars were selected from a group of candidates proposed by accredited medical schools in the United States and Canada and interviewed by regional committees of the Foundation.

Dr. Moore's recent work in the early detection and location of cancer, particularly tumors of the brain, has won him world-wide attention.

Procedures Manual

CONTINUED

explored so that improvements can be made gradually. They'll also have a chance in these sessions to see whether they thoroughly understand the procedures.

The Manual as written is approved by the University Administration and is the last word until revisions are made. But suggestions are invited, and anyone with ideas on how to make it more useful should call Ext. 6107, Minneapolis campus.

Departments missed in the distribution can get a copy of the Manual by calling Ext. 6107, and departments in which more than one person can make frequent use of the Manual should also ask for extra copies.

Promotions for clerical staff members will in the future be partly based on tested knowledge of the procedures as written in the Manual. Those who intend to apply for promotion should study them.

If your departmental copy isn't available, you can borrow one for home use in Room 510 Administration Building, Minneapolis campus, or from the Dean's office on the St. Paul campus.

FORTIETH ANNIVERSARY

Nurses eye their school's Past as they work for its future

LOOKING both forward and backward is quite a trick—but one that the University's School of Nursing is managing very neatly these days.

Looking forward is something that Katharine J. Densford, director, and the rest of the staff do consistently. On the other hand, they are eyeing their "past" only as they prepare to celebrate the school's 40th anniversary from May 2 to May 6.

The anniversary celebration gives the staff an opportunity to do something they ordinarily spend little time on. They will review for the general public, School of Nursing alumnae, students and University staff members the growth and accomplishments of the school.

During an educational conference for nurses offered by the Center for Continuation Study, to be held that first week of May, discussions will center around the social setting within which the nursing profession is developing. The role of nursing in a changing world and how health needs in that world can be met also will be considered.

Of course, the program—and the progress—of the School of Nursing always has been planned around needs.

TAKE the curriculum, for instance. Back in those first few years, students took courses in chemistry, anatomy, physiology, bacteriology, materia medica, hospital economics and physical education.

Since that time, some courses have been modified or dropped, others combined and many added. There is a constant evaluation of needs by the entire faculty so that nurses' preparation may be broad enough to meet adequately

the increasing complex and varied demands made upon graduates.

The University still has the only center for preparing teachers of nursing in the north central states.

"A great strength of our school," explains Miss Densford, "is that facilities have been developed in every area."

The basic three-year curriculum leading to the degree of graduate in nursing has been changed to a degree of bachelor of science and graduate in nursing in five years.

Other courses added include a gradu-

ate in nursing degree for college graduates, a special curriculum for graduate nurses leading to a bachelor of science degree, a certificate curriculum in clinical nursing for professional nurses, a certificate curriculum in practical nursing, a special curriculum for affiliating students leading to a certificate, and finally, opportunity for graduate study for students who meet Graduate School requirements.

Proposed now is a four-year program leading to a bachelor of science degree in professional nursing.



Miss Myrtle Kitchell, general chairman for the School of Nursing anniversary celebration, confers with Miss Katharine J. Densford, director of the School.



Complete with high-button shoes and dark stockings are these uniforms of an early School of Nursing class. The length of the dresses is almost right, however.

Hall, named after Louise M. Powell, school director from 1910 until 1924, was dedicated.

As to the future of the School of Nursing—the staff certainly isn't leaving that to chance. They are working constantly to see that University of Minnesota nursing graduates continue to meet the increasingly complex and varied demands made upon them.

The statement of the Board of Regents in the very first nursing bulletin in 1909 still holds true.

"It is the purpose of the faculty," says the bulletin, "to conduct the school not merely for the attainment of a suitable hospital nursing service, but as one in which the nurse can obtain a most thorough, scientific training. It will endeavor to make the school a stepping stone to the advancement of the profession of nursing in the northwest."

Add to all these programs refresher courses offered through the Extension Division and you'll have some of the reasons why the Nursing School Staff doesn't have much time for living in the past. Many of these special offerings, incidentally, are planned to take place in different parts of the state.

Another pretty obvious improvement in the lot of the Nursing School staff and students came when the "Old Flat," the first nurses' "home," and later all the scattered "homes" were given up. This came about in 1933 when Powell

TODAY, in 1949, many other colleges and universities have followed the lead of the University of Minnesota, the first university in the world to establish a school of nursing. The driving force behind its beginning was Dr. Richard Olding Beard.

That first year, 1909, brought 12 students to the first class. Since that time, some 3,000 professional nurses have graduated. The program in practical nursing, offered for the first time in 1947, has graduated its first class.

The University Hospital and Medical Sciences buildings certainly aren't what they used to be either, back in 1909. Then, there was one three-story building on Washington avenue. A frame structure at that, and later one of the nurses' residences.



Making their plans for the anniversary are, left to right, Martha Raisanen, Carol Palmer, Ruth Johnston, Donna Zastrow, and Lois Martens. Committee members not in the picture include Sybil Norris, Lena Paskewitz, Vivian Harriman, Ruth Olney.

UNIVERSITY REMINISCENCES

Dean Blitz Recalls Early Years

IF it weren't for "ladies first," Ada Comstock dormitory for coeds might not be in its present location near the Union overlooking the Mississippi river.

How Comstock hall got the location was recalled the other day by Anne D. Blitz, dean of women.

"One day in 1925, the deans met with President Coffman to decide the location of new buildings," she said.

"Since I was the only woman present, I asked for the privilege of locating the site for our new group of women's residences. President Coffman told me to go ahead, and I picked out the present site."

It was not many years between the time Dean Blitz picked the location and the first building was built. In fact, other schools and colleges eyed the location somewhat enviously. But President Coffman stood by his actions.

Dean Blitz today thinks more strongly than ever that her choice was a good one. "I'd hate to see that beautiful view go to waste on a classroom building where attention should be centered on classwork," she says. "It's very important for women living in a dormitory to have a pleasant outlook."

THIS story of the location of Comstock hall is typical of the events in the University career of Dean Blitz, who's going to retire at the end of the school year after service since 1923.

She has seen the University grow from an intimate school of 3,000 students to a sprawling one of almost 10 times that size.

But as far as she's concerned, the students haven't changed much. "It's

extremely gratifying that the caliber of students is so high," she says. "We have as fine a student body as any school in the world, and I know because I was on several faculties from the time I was graduated from the University in 1904 until I returned here in 1923."

Dean Blitz says that University students have real interest in the affairs of the world. "Throughout the whole state of Minnesota, our graduates are providing the backbone of leadership in almost every community."

For many years Dean Blitz's office was in Shevlin hall which was orig-

inally a women's union. In recent years her office has been on the first floor of the Administration Building on the Minnesota Campus.

"I always try to have my office look more like a living room," she says. And so it does, there are sofas and upholstered chairs—all in green. Pictures and flowers help round out the impression of a real home atmosphere.

One of Dean Blitz's great interests at the present time is the need for a new Union on the St. Paul campus. She has served for many years on the board of that Union.

Dean Blitz is glad to see the University grow. "Our job is to grow along with it and keep it the very best kind of school that will serve with merit our state, nation and world."

Special Golf, Tennis

RATES GIVEN STAFF

WANT to get out and sample the spring air while playing tennis or golf?

The University's golf and tennis courts have special staff and student rates you might want to take advantage of.

Only 25 cents are charged for an hour's play on the tennis courts. You also may purchase a 10 hour ticket, allowing you to play that total time for \$1.50.

The courts are open from 12 noon until 5 p.m. on Tuesdays and Thursdays, 1 p.m. until 5 p.m. on Mondays, Wednesday and Fridays, and from 11 a.m. until 5 p.m. on Saturdays, Sundays and holidays. The special 10 hour ticket is good any time except after 2 p.m. on Saturdays, Sundays and holidays, when a straight hourly rate is in effect.

A single round on the 18 hole golf course costs 60 cents. For a season privilege ticket, \$25 is charged. Locker privileges may be had for \$5.

If you're a staff member not listed in the address book, you may be required to show identification at both golf course and tennis courts. Usually a note from your department head is sufficient.

'U' Receives Bequest

APPROXIMATELY one-half million dollars for medical research has been given the University from the estate of Silas McClure, Minneapolis businessman who died in February.

The money will be used for medical research as specified in Mr. McClure's will, which made the University residuary legatee. This means that after payment of inheritance taxes and bequests to his family and friends, the University will receive in the neighborhood of \$500,000.

New Supersonic Wind Tunnel Unveiled

Rosemount is scene of secret research

LIKE to watch something that's traveling at 2,200 miles an hour, three times the speed of sound?

The place for you, then, is the new supersonic wind tunnel at the University's Rosemount Research center. There Professor John D. Akerman, head of the Aeronautical Engineering department, and his research staff are doing highly secret tests for the United States government. The supersonic tunnel will test guided missiles, projectiles and faster-than-sound aircraft.

Actually the principle of the supersonic wind tunnel—and other wind tunnels for that matter—is the reverse of what happens in nature. There, a missile would rush through the air. In the tunnel, the air is rushed against the missile. The results are the same, however, and show the effect of wind on the missile.

The University's new supersonic wind tunnel has glass windows shaped like portholes through which you can watch the effect of the air on the small model of the projectile you are testing. By looking through a ground glass window with a bright light set up on the other side of the projectile, you can see the shadow of the missile and the shock waves created by the high speed wind striking the object at these faster-than-sound speeds.

The high wind is produced by five huge compressors, with a total horsepower capacity of 38,000.

The air goes from compressors to what is called a stagnation tank.



Looking over the new supersonic tunnel at the Rosemount Research Center are Russell Wilshusen, in front, Ken Anderson, Mary Tiegen, John D. Akerman and Jack Rainier.

From there it goes into the 6 inch by 10 inch testing section in which the missile to be tested is mounted. Just outside are gauges on which Mr. Akerman and the other scientists can tell the pressure inside the tunnel.

Professor Akerman's new supersonic wind tunnel is not the first of these high-speed testing devices he has put to work for him. A transonic tunnel, which tests projectiles at about the speed of sound is already in operation. It has been used for experiments during the past two years. The present supersonic tunnel can produce winds at up to four times the speed of sound. A hypersonic tunnel, with wind seven times the speed of sound, is planned for sometime next summer.

"This supersonic tunnel," explains Mr. Akerman, "is the only one in the world designed so that we can

shoot a bullet inside the tunnel, either upstream or downstream, and test what happens."

The new supersonic tunnel also is the only one at a university which can produce a continuous flow of air. Government agencies own the only others.

Much of the equipment for the experimental tunnels, as well as the building in which they are located, is a part of the war surplus goods tuned over to the University when the Rosemount Research Center became part of the University. It formerly was the Gopher Ordnance Works.

Staff members working with Mr. Akerman on the tunnel include Mary Tiegen, junior scientist; Ken Anderson, scientist; Jack Rainier, general mechanic foreman; and Russell Wilshusen, assistant scientist.

Johns Hopkins

CONTINUED

"The University is in a climate that's cold and drab much of the year," he says. "We need bold colors for warmth and good cheer."

A good example of this in the painting of corridors. "I like to eliminate the tunnel effect," he says. "That's why I frequently paint opposite sides of corridors in different colors. I also use different colors on the wall facing you straight ahead as you go down the hall. That shortens the corridors and makes them less monotonous."

MR. Hopkins says that a background knowledge of architecture is an absolute necessity in the painting of an interior, and that often the color engineer can work wonders in changing bad architecture into something worthwhile.

"An interesting example in changing the feeling of space is in Northrop auditorium," he says. "I spent several weeks on that problem. I decided on what is called eggplant purple. The result is an auditorium which appears intimate even though it seats almost 5,000."

Mr. Hopkins is very particular about his colors. He won't give up until he gets the exact color he wants. The colors that emerge are models for later painting operations. To make things easier, the new paints get names like Child Welfare Red, Folwell Gray-X-ray Green, and Sun Yellow.

But Mr. Hopkins won't use blue because he thinks it is "cold, sterile and morbid." He thinks, however, that blue can be used successfully in room furnishings.

After Mr. Hopkins goes through a building with multi-colored brush, staff members often say:

"Why can't we have the colors we ask for?"

The University's answer is that Johns Hopkins provides a much needed, unified style which gives all buildings something in common—along with good color taste and practical interior designing.

MR. Hopkins likes to think that the University is setting the pace in color design as it is in so many other fields. "It's wonderful to work for a University that believes in progress," he says.

And Mr. Hopkins also looks to progress. Together with Robert E. Tracht, clinical assistant professor of Ophthalmology, he is doing research into the relaxing effects of certain colors. For instance, blue tends to relax near-sighted people; and red, far-sighted.

That's why there are a few classrooms where red and blue spots are painted on the front walls.

"What we find may revolutionize color design," Mr. Hopkins says—as if he hadn't helped do that already.

Cancer Unit

AFTER a year of operation, the University's Cancer Detection Clinic has examined 1,454 persons. Dr. David State, director of the Center, reported that 801 of that number were referred to their physicians for treatment of some physical abnormality.

The group included 18 suffering from some form of cancer.

"I think the results of our first year of operation have been better than anticipated," said Dr. State in his report.

Plans for the Center include operation on a five-day week basis, instead of two days a week, in effect since center opened.

Color Schemes Not Right For Homes

Staff members often wonder if they can use John Hopkins' color designs in their own homes.

Johns Hopkins is the first to say "No!"

He says: "First of all, an office is a place to work; and a house is primarily a place in which to relax. Therefore, color problems are immediately different.

"Second, each house must be studied individually—each one has different design problems.

"Third, you ought to have a knowledge of colors before you start—or else the result might look silly."

But if you're set on perking up the color design of your home, you can enroll in the beginner's course in color that Mr. Hopkins teaches in the Extension Division.

Staff Invited

TO FUND DINNER

"A SPRING Festival" is the name given to the kickoff program of the Greater University Fund's 1949 campaign.

The combination banquet and entertainment will be held in the main ballroom of Coffman Memorial Union on April 28. The time is 6:30 p.m. Price of tickets is \$1.50 per person for a turkey dinner.

University staff members have been especially invited to attend by Stanley Wenberg, director of the Greater University Fund.

To make reservations, call Ext. 6135, or write a note to the Greater University Fund offices, 205 Coffman Union.

The Minnesotan

The Real Thing?

Spring Comes to Museum Early



Discussing the labeling of plants in the Museum's new exhibit are Bruce Hayward, Ruth Self, John A. Jarosz, Walter J. Breckenridge and Dorothy Mierow.

SPRING has come to the Museum of Natural History quite a bit earlier than to the rest of the campus this year.

In fact, spring has come in the form of blossoms ordinarily seen in May in the wooded areas of southern Minnesota. Trillium, dog-tooth violets, wild ginger, Minnesota trout lily and many other flowers—plus an entire family of wood ducks and several other birds—all can be seen at the Museum by staff members.

Perhaps we'd better let you in on the secret of this early spring. It's not one of nature's miracles, but the work of Walter J. Breckenridge, who directs the Museum of Natural History, and his staff.

The flowers and birds are part of a new exhibit of spring plant life

opened after a year of painstaking work on the thousands of details.

All the green leaves and the flowers are fashioned from wax, and the green tufts of grass are made of celluloid.

The scene, named "Spring in the Bog Woods," is one taken at Clear Lake outside of Waseca, Minnesota. The background was painted there by F. L. Jacques.

THE exhibit, which is a permanent part of the Museum, was given in memory of Edward A. Everett, through the support of his daughter. Mr. Everett was a citizen of Waseca and amateur ornithologist and botanist.

Staff members who worked on the exhibit include John A. Jarosz, Mu-

seum preparator, and Bruce Hayward, Dorothy Mierow and Ruth Self, assistant taxidermists.

If you'd like to take a look at the "early spring,"—and, incidentally, see the other exhibits—the museum is open daily from 9:00 a.m. until 5:00 p.m. On Sundays and most holidays, the hours are from 2:00 to 5:00 p.m. After June 15, the Saturday hours will be from 2:00 until 5:00 p.m. as well.

Collection of French Books Given Library

A gift of some 575 volumes of French fiction has been given to the University, through its department of Romance Languages, by the American Institute of Swedish Arts, Literature and Science and Nils G. Sahlin, Institute director.

The collection, which has been sent to the University Library, came originally from a loan library in Sweden. It covers a period beginning in 1833 and ending in 1870, with scattered volumes as late as the 1880's.

Professor F. B. Barton, chairman of the Department of Romance Languages, says the collection shows that in 19th century Sweden a cultivated reading public of some size was interested in French literature and capable of reading it in French.

The literary tastes in Sweden then coincided rather closely with those of the general reading public in France, according to Mr. Barton, except that the great leaders of the French Romantic and Realistic movements are represented very inadequately.

The collection includes works of more than 200 authors, and the books fall into the categories of sentimental romantic novels, novels of adventure, historical novels and biography and travel.

Campus Red Cross Report

STAFF BREAKS QUOTA

STILL another record for American Red Cross giving has been set by staff members on the Minneapolis, St. Paul and Duluth campuses.

Solicitors on the Minneapolis campus—nearly 200 of them—collected \$10,461.74 in cash and pledges. This was \$2,461 over the set quota of \$8,000 and nearly \$1,000 more than the highest previous total ever collected.

There were 3,845 members of the staff on the Minneapolis campus who contributed this year, over 600 more than the previous highest total of contributors.

Roger B. Page, assistant dean of the College of Science, Literature and the Arts was chairman of the Minneapolis campus drive.

COMMITTEE members include Hedwin C. Anderson, director of Civil Service Personnel; Mabel Fairchild, senior clerk; R. W. French, professor of Drawing and Descriptive Geometry and chairman of the Students' Work Committee; Edwin C. Jackson, assistant comptroller; Roy Lund, assistant supervising engineer; Dr. M. M. Weaver, associate professor of Medicine and Public Health and assistant dean of the Medical School; Cornelia T. Williams, associate professor, General College.

On the St. Paul campus, 263 staff members gave \$1,133.75. Here staff were solicited by letter rather than by personal contact and either sent their Red Cross donations by Campus mail or delivered them personally.

The amount collected was \$95 over last year's total of \$1038 contributed from this campus.

Keith N. McFarland, instructor

and assistant to the Dean of the College of Agriculture, Forestry and Home Economics was drive chairman.

Informational representative Olive O. Greeley was in charge of the Duluth campus drive. She collected \$252.

'RIFLE, AXE AND PLOW' SET FOR APRIL PRODUCTION



Working together on the production of "Rifle, Axe and Plow" are playwright David W. Thompson, director Frank M. Whiting, and composer James Aliferis.

IT isn't often that playwright, composer and director can work in close cooperation on a University Theatre production.

Yet three University staff members are doing just that. David W. Thompson, associate director of the University Theatre and professor of playwriting, has written a Minnesota Centennial play. James Aliferis, professor of music, has composed the music. The play is being staged by Frank M. Whiting, director of the University Theatre.

Working with these three men are some of the outstanding University actors and actresses (some of them

staff members), the University Symphony, the University Chorus, a large dance ensemble, and the Theatre technical staff.

The end product of their efforts will be "Rifle, Axe, and Plow," a musical production with a centennial theme. The plot deals with dramatic events in the formation of the territory. Music is based on authentic Indian music and early American folk songs and ballads.

"Rifle, Axe, and Plow," will be presented on the stage of Northrop Auditorium on April 21, 22, 23. Staff members may obtain tickets at the University Theatre box office.

Entomology

CONTINUED

production, but just as often they cause tremendous crop losses.

Take, for example, the European corn borer. In 1942, not a single borer was found in Minnesota. Last year borers cut Minnesota's corn crop by 6,000,000 bushels—a \$10,000,000 loss.

F. C. Holdaway is in charge of the research to combat this menace. His aim is to prevent borer loss by eliminating conditions favorable to corn borer outbreaks and by introducing parasites that are the borer's natural enemies. He also is cooperating with the Agronomy division to discover borer resistant corn varieties.

UNTIL this job is done, however, use of insecticides will have to play a most important part in borer control. To keep farmers informed on what insecticides will control the borer, L. K. Cutkomp, assistant professor, is studying the use of chemicals, especially DDT and Ryania.

The insect problems of vegetable and fruit growers and woodlot and forest operators are not forgotten by University staff members.

Professor A. C. Hodson is specializing in the study and control of fruit and forest insects. As a result of his work, for example, the guesswork has been taken out of the timing of sprays to control the apple maggot.

Mr. Hodson's research with forest insects is aimed at gathering data that will allow scientists to predict outbreaks and to put preventive forestry management practices into operation.

Professor A. A. Granovsky spearheads the research in the control of vegetable and potato insects. Under his direction, Minnesota pioneered the work in the use of DDT. City



A huge fish net, six feet wide and 1,000 feet long, holds the attention of W. H. Marshall, Lloyd Smith and James Beer. The net is used during the summer for fish population studies in Minnesota lakes.

gardeners, as well as farmers, are growing better gardens as a result of the research of Dr. Granovsky.

BEFORE any new insect control measure can have practical application on the farm, around the home, or in the forest scientists must spend hundreds of hours in basic research.

The importance of this fundamental study is demonstrated by the work of A. G. Richards, associate professor. Today he is studying the nature of the cuticle or skin of insects, hoping especially to find out what materials will pass through this skin. Once this is determined, he and his fellow scientists will be able to predict what insecticides will be most effective in controlling different insect outbreaks.

Thus in many ways, the Division of Entomology and Economic Zoology—and its bugs—are serving the citizens of Minnesota and the nation.

Exhibits showing state's growth on display

SPECIAL exhibits, tracing the development of Minnesota from its earliest days of exploration and travel in 1652, through the days of territorial expansion and early statehood up to the present time, are on display now at the Library.

The special series commemorates the Minnesota territorial centennial, now being celebrated.

Maps, drawings and photographs are used to present a picture of Minnesota as it was in the past and as it is today. Books of special historical interest are shown with the exhibits.

The books are available for circulation.

The exhibits were arranged by staff members of the Reference Department.

Greater University Fund *TALLIES EFFORTS*

STAFF members already are seeing signs of what the youthful Greater University Fund is accomplishing.

Even though the Fund is only a little more than a year old, a large number of scholarships, fellowships and research projects already are beginning to blossom as the result of its work.

And what's more, the Fund is out to raise \$50,000 this year to double the program.

Last year, money was raised for a

\$10,000 scholarship program to give scholarships based on need as well as academic ability. The scholarships range from tuition to \$500 and will begin in the 1949-50 school year.

Next year, however, the Fund hopes to put two and one-half times as much into scholarships—\$25,000.

The first year of the Fund also brought in enough money for three Graduate School fellowships—with more than 70 qualified applicants. Next year, the Fund wants to put in \$12,000, in place of the present \$4,-

500, and provide eight fellowships.

And research projects are slated for \$13,000 instead of this year's \$5,000 plus.

Here's how research projects funds are given: Projects—great numbers of which are proposed by the staff of the University—are selected by the President's Project Advisory Committee which submits them to the Greater University Fund Board of Trustees for presentation to the donors who are alumni and friends of the University.

The research and related projects receiving Fund allocations last year range from a planetarium in the Astronomy department to a polarizing microscope in Bio-physics.

Scheduled projects next year number 14, double that for which money was raised last year.

To those who inquire why the Fund is so ambitious, Stanley J. Wenberg, director of the Greater University Fund replies:

“THE University has needs for which no funds are available from normal sources. Scholarships and fellowships are good examples. We all know their value, but there is just no source other than from private gifts to meet many of these needs.”

As far as research projects are concerned, Mr. Wenberg says the Greater University Fund will be particularly useful in supplying basic research tools which may attract grants from big national foundations and other sources.

“The Minnesota Alumni Association, sponsors of this Fund, feel that over the years a really flexible and important program can be developed,” Mr. Wenberg says. “We need everyone's support to do so.”



Harold A. Delp, assistant professor of General Education and director of the Child Study Center, tests a student's eyes with the new Telebinocular purchased by the Greater University Fund.

The President's Page

JUST a little more than a year ago, the organization of the Greater University Fund was set up under the sponsorship of the Minnesota Alumni Association. At that time, we were faced with the problem of defining in what ways the Fund might aid most usefully and significantly our University program and purposes. A major step was taken when members of the academic staff, through their deans, submitted projects for consideration.

Then a Project Advisory Committee, under the able chairmanship of Dean Theodore C. Blegen, carefully sifted and classified the more than 300 suggested projects with a total proposed expenditure of almost four million dollars! In terms of these requests (i.e., their nature rather than the too large amounts presently possible) the objectives envisioned by the alumni and University founders of the Greater University Fund took specific form. The three main areas under the Fund—scholarships, fellowships, and research—already had been established.

Interest in this project program has grown steadily as more and more staff members have become aware of the potential role of the Fund in the upgrading of the educational program of this University.

Already Greater University fellowships have been established for graduate students, with Greater University scholarships for undergraduates, particularly freshmen, likewise created. The Project Advisory Committee, working with college representatives, has selected specific research and related projects to be supported through the annual campaigns of the Greater University Fund.



Members of the committee working with Dean Blegen are Dean Clyde H. Bailey, Mr. William T. Middlebrook, and Mr. Malcolm M. Willey, representing the University; Mr. Ben Palmer, the Minnesota Alumni advisor; Mr. E. B. Pierce and Mr. Edwin L. Haislet of the Alumni Association staff. The Greater University Fund director, Stanley Wenberg, is an ex-officio member of the committee.

We have seen in this past year these Greater University Fund programs take their place in the educational picture of the University. These projects, it is safe to say, fill a need which we have heretofore been unable to meet through any other means.

The future of the Fund lies in the use to which it is put by the alumni, friends, students, and staff of the University—and in the extent to which all of us find it possible to make financial contributions. Important advances and amenities in our University's educational program will continue to be made possible by the interest and participation of everyone.

f. L. Merrill, x



THE MINNESOTAN

Published for Staff Members of the University of Minnesota



VOLUME II

May 1949

NUMBER 8

MAY 15 TO JUNE 15

The University of Minnesota Calendar of Events

CONCERTS (Northrop Auditorium)

Bach Society Annual Festival
May 17—8:30 p. m.
May 18—8:30 p. m.
May 20—8:00 p. m.
Senior Commencement Recitals
May 24, 31—8:30 p. m.

LECTURES (Museum of Natural History Auditorium)

May 16—"The Color Sense of Bees." Karl von Frisch. 4:00 p. m.

ATHLETIC EVENTS (at Home)

May 16—Tennis. Iowa State.
May 20, 21—Baseball. University of Iowa. Nicollet Park.
May 21—Golf. Wisconsin.
May 23—Golf. Notre Dame.
May 27, 28—Baseball. Ohio State.
June 4—Track Meet. Illinois.

CONVOCATIONS (Northrop Auditorium 11 a. m.)

May 19—Cap & Gown Day.

SPECIAL EVENTS

June 5—Baccalaureate. "Date With Destiny." Dr. Ralph W. Sockman.
June 11—Commencement. Stadium.

PLAYS (Scott Hall Auditorium)

May 22—Swedish play. "The Father." 8:00 p. m.
May 24, 27—French play. "Le Voyage de Perrichon." 8:30 p. m.
May 28, 3:30 p. m.

EXHIBITIONS (University Gallery, Northrop Auditorium)

May 15-20—Paintings by Ralston Crawford.
May 23-July 8—Exhibition by members of the Art Department faculty.
May 30-June 17—Exhibition of student work.

SIGNIFICANT UNIVERSITY BROADCASTS

KUOM. Tales of Minnesota.
5:30-6:00 p. m. The Wealthy Apple. May 21.
5:30-6:00 p. m. The Capitol Prank. May 28.
5:30-6:00 p. m. The Harvest. June 4.
5:30-6:00 p. m. The Crusader. June 11.
5:30-6:00 p. m. The Holocaust. June 18.
12:15-12:30 p. m. Newscast. Monday-Saturday.
2:00-4:45 p. m. Extended Afternoon Concert. Saturday.
6:00-7:00 p. m. Dinner Concert. Monday-Saturday.

FOREIGN FILM SERIES (Northrop Auditorium, 4:00 and 8:00 p. m.)

May 26—"Murderers Among Us." German film with English subtitles.
June 1—"Lucky Bride." Russian film with English subtitles.

UNIVERSITY PRESS PUBLICATION DATES

May—"Therapeutic Group Work With Children." Gisela Konopka.

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COPIES ARE ON SALE AT THE UNION BOOK STORE

Photographs throughout this issue of The Minnesotan were taken by the University Photographic Laboratory.

LEADERS IN JOURNALISM

NEW CONCEPT is old stuff at University

A JOURNALISM school is more than a place where you learn how to write an article for a newspaper.

It's also more than a place that awards a degree which will help you get a job in journalism.

In fact, that limited picture of a journalism school is more than 20 years out of date.

Leading schools of journalism are developing rapidly into schools which devote a great deal of time to applied social science—the study of mass communications—their control, content, audiences and the social effects of their operation. This area of study is built upon the basic training in the use of the technical tools and procedures of journalism.

One of the outstanding examples of the change in journalism schools is right here at the University. In the new concept of education for journalism, Minnesota ranks as one of the two top schools in the nation.

THAT rating came out last year when the American Council on Education for Journalism completed a nation-wide study to accredit schools of journalism.

Thirty-five schools in the nation met the standards of the council. Minnesota won approval of its instruction in seven professional areas. Only the University of Missouri got an equal number.

You can get an idea of what our School of Journalism tries to accom-



Discussing the outcome of a recent readership survey are, left to right, Ralph O. Najziger, Eunice Eli, Warren Engstrom and Malcolm MacLean.

plish in its new role as a "school of communication" when you look at the three major objectives set up by Ralph D. Casey, who's been director of the school since 1930:

(1) To train future media men and women to follow useful careers in journalism by perfecting themselves in the techniques and procedures of their chosen calling.

(2) To conduct research in communications.

(3) To bring to students an awareness on the part of journalists of their social responsibilities and their dedication to the public inter-

est through courses that reveal the influence and power of mass communications industries in a democracy.

To accomplish those objectives, our school has a nine-year-old \$250,000 plant supported in part by a \$750,000 endowment—second largest of its kind in the nation—and 15 full-time teaching staff members.

THOSE staff members greet 500 new students each year. They engage in communications research. They contribute technical volumes dealing with procedures of jour-

nalism. They engage in a good many service enterprises such as the holding of press, radio and other short courses and institutes, and the counselling of Minnesota publishers and editors on individual problems of the publishing industry. And some studies are under way now, in cooperation with members of the department of psychology, on the testing of journalistic aptitudes.

All this adds up to a difficult job for any school, mainly because the field of communications is changing so rapidly. Staff members are expected to keep in touch with the "use of all channels by which information and ideas on current questions are conveyed to the public."

The communications concept of journalism is so new, dynamic and largely unexplored that our School of Journalism staff members are almost always doing pioneer work—whether it's teaching a class in radio writing,



In conference with the director of the School of Journalism are, from left to right, J. Edward Gerald, Edwin H. Ford, Ralph D. Casey, director, and Thomas F. Barnhart.

advising a group of weekly newspaper editors or polling public opinion and studying the relationship of the communication channels to the mobilizing of opinion and attitudes.

While the school takes pride in its

instruction in journalism know-how—like writing news stories and headlines—along with study of communications, most of a journalism student's time—about three-fourths of it—is spent outside the School of Journalism. That study time is devoted to the liberal arts, with emphasis in the usual student's program on the social studies and humanities.

The school offers a master of arts degree in journalism. It also has authority to offer minors for a doctor's degree. Joint programs in journalism and other disciplines are occasionally authorized.

Teaching of journalism began at the University in 1910. In 1922, a department of journalism was organized in the College of Science, Literature and the Arts. For many years, it was housed in Pillsbury hall. By 1941, the department had a new home in William J. Murphy hall



Pulling proofs in the Murphy Hall typography lab are, from left to right, Harold W. Wilson, Bob Eddy and Edwin Emery.

Continued on page 12

The Minnesotan

MINNESOTA REMINISCENCES

University Art Pioneers Retire



Miss Harriet Goldstein and Miss Vetta Goldstein pose in one of the model rooms used for their class work.

HARRIET and Vetta Goldstein—who have taught art as professors of home economics for more than 30 years—agreed the other day that people nowadays have much more opportunity to learn about art and good taste than they did—say, 30 years ago.

They point to the work done in recent years to encourage and popularize art by places like the University Gallery and the Walker Art Gallery.

But they forgot to mention the powerful role that they've played in their many years at the University.

Both sisters will retire this year from lifetimes of teaching thousands of students about how to use and enjoy art in everyday life.

They like best to remember how their students have enjoyed “open-

ing their eyes” to the art in things they use every day.

“We like to see how they learn to enjoy what they have as they use good taste within their means,” Miss Harriet says. “Everyone—no matter what income—can enjoy home furnishings if they're chosen according to a few principles of art.”

The Goldstein sisters really are art pioneers, in a way. They were the first to introduce art into home economics classes at the University. They attribute the idea to Josephine Berry, chief of the division of home economics, who invited Miss Harriet to come over from the main campus to what was then the Ag campus in 1913.

Before she started teaching, Harriet Goldstein sat through all the courses in home economics so she

could learn where to apply art in her planned course.

It wasn't long before she was joined by her sister, Vetta, who also majored in art.

They also pioneered some years later when they brought out a book, “Art in Everyday Life,” in 1925. It was the first book of its kind. It covered the art principles involved in everyday things like home furnishings and clothing. The book has since run through three editions and eleven printings—the latest was in 1948. It's been translated into Chinese, too.

THE Goldsteins always like to teach through seeing and doing. They have two “rooms” on the fourth floor of the Home Economics building on the St. Paul campus in which their students arrange furniture as part of their class work. Students have a “store” from which to choose what they want from among a large assortment of furnishings. In earlier years, students went to the Goldstein home to arrange furniture for their “laboratory” work.

The Goldsteins also were “pioneers” in using photographs and slides to illustrate their lectures. They took most of the pictures for their book with two 35 mm. cameras.

“Our teaching has been a very satisfying experience,” Miss Vetta says. “Many of our students have kept in close touch with us, and when we see how they have kept up their interest, we feel greatly rewarded.”

While Harriet and Vetta Goldstein remember their students, they can be sure that countless students think of them almost every day—when they plan their homes, arrange flowers, buy a vase or remember that enjoyment and happiness are free to anyone who sees beauty in everyday objects.

WASECA STATION

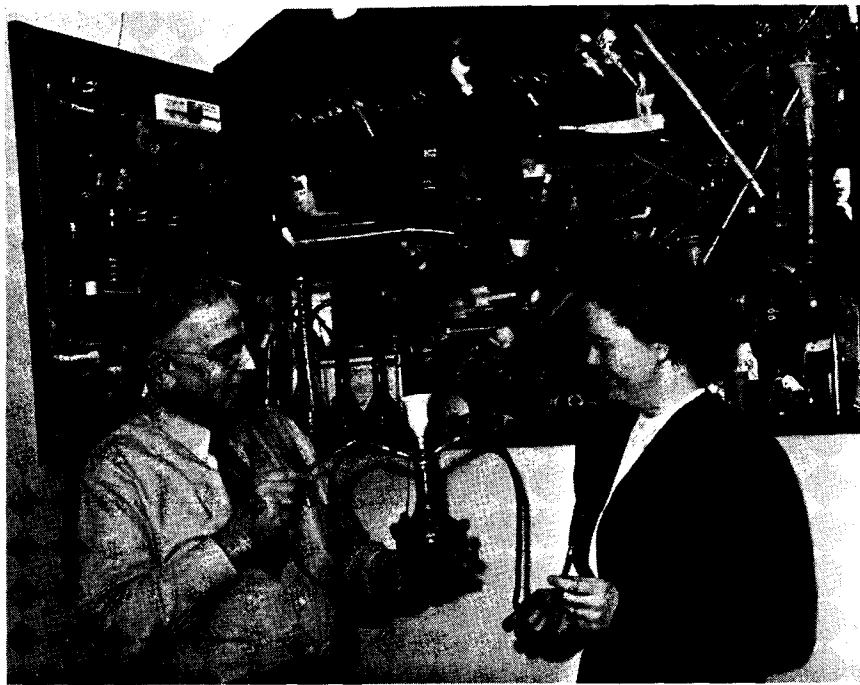
*All the emphasis
given to research*

EACH summer during pollinating season, a small army of men and boys rush up and down corn rows at the southeastern Minnesota Agricultural Experiment Station at Waseca. They put on ear bags, place tassel bags, and transfer pollen to the waiting silks.

Many of the boys helping out at the University of Minnesota Waseca Station are boy scouts. They are members of Troup 85, working under R. E. "Bob" Hodgson, station superintendent and long-time scoutmaster.

Mr. Hodgson has spent 25 years as scoutmaster in Waseca not as a duty, but because he likes it. That is rather typical of Bob Hodgson. He is a man of many interests.

EVERY year, in addition to his regular duties, he writes to 130 former scouts now scattered around the world. He keeps a collection of some 200 pipes, including one or more from nearly every tobacco-smoking country in the world. Writing in an easy, earthy style, he has contributed articles to a number of farm magazines. His column, "Farm Talks," appears weekly in many Minnesota newspapers.



R. E. Hodgson, superintendent of the Waseca Station, looks over his collection of pipes with his secretary, Mrs. Ivadel M. Manley.

Mr. Hodgson carries his interest to the work at the station. With his co-workers, he has been active in experimental work there for more than thirty years.

NO school is included in the Waseca station—all the energy of the staff is devoted to research, particularly in the fields of plant and animal breeding and testing. The station personnel works closely with agricultural scientists from the St. Paul campus. In the middle of the "corn and hog" country, the station also carries on important work with sheep, dairy and beef cattle and grain crops.

The first double-cross corn raised in Minnesota was believed grown at the Waseca station.

In 1921, H. K. Hayes, chief of the Division of Agronomy and Plant Genetics at the St. Paul campus, secured a bushel of Burr-Leaming hybrid seed from Connecticut and

planted it at the station. The results were so encouraging that work with Minnesota lines was pushed as rapidly as possible. This resulted in the development of Minnesota Hybrid 403, which together with Minnesota Hybrid 301, was the opening wedge in a program that has revolutionized corn production in the state.

Corn breeding techniques were applied to improvement of swine lines in 1924, when the station started inbreeding a line of Poland China hogs. Except for poultry, this line of Poland Chinas today is one of the most highly inbred lines of domestic livestock in the country.

SINCE the establishment of the regional swine laboratory, the work in this project has received new impetus under the direction of L. M. Winters, professor of Animal Husbandry. All branch stations coop-

Continued on page 15

The Minnesotan



your civil service committee

WITH the end of the University's budget year close at hand, the Civil Service Committee prepares to move into its busiest period. For it is now that such things as changes in the classification and pay plan are made. And these are the things with which the Committee concerns itself.

The Committee is made up entirely of University staff members—each an authority in his field and each donating his time to render a service to the University.

The duties and powers of the five-man committee are broad and some-

what varied. For instance, the group must act on all new classes and decide what they pay ranges will be. It also must decide on any change in the pay range of an already established class or the abolishment of certain classes.

Appointment to the Committee is made by President Morrill and approved by the Board of Regents. Members are appointed for three-year terms on the basis of a thorough knowledge of University problems.

Lloyd M. Short, professor of Political Science and director of the Public Administration Center, is serving now as chairman of the body. Mr. Short is a nationally recognized au-

thority on civil service matters.

Serving with the chairman are Ralph L. Dowdell, professor and head of Metallurgy; Austin A. Dowell, professor of Agricultural Economics; Clinton T. Johnson, assistant director of Service Enterprises; and Dale Yoder, professor of Economics and director of the Industrial Relations center.

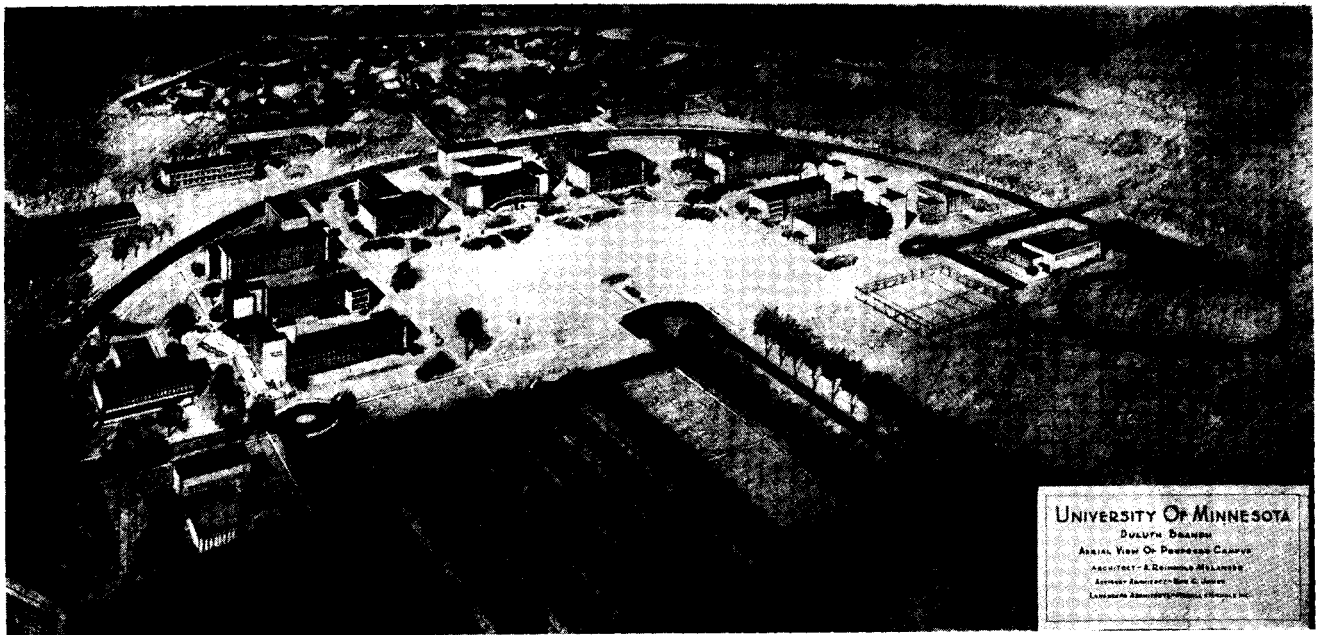
Working hand in hand with the Committee is Hedwin C. Anderson, director of Civil Service Personnel. Mr. Anderson, in fact, sits as an ex-officio member of the group. Many times the action to be taken originates in the Civil Service Personnel department. At other times the original action stems from the Committee itself and is taken up with Mr. Anderson in conference. In other words, the Committee acts as a sort of Board of Directors, with final authority, of course, resting with Board of Regents.

Another function of the Committee is that of granting Regents' Scholarships. Applications for the scholarships are approved each quarter.

IN addition to regular meetings, the Civil Service Committee may be called upon to sit as a board of review involving appeals by supervisors or department heads. On other occasions, the Committee may act as an investigating body on specific problems. Such investigations may be requested by President Morrill, the Board of Regents or Mr. Anderson. Or, if the committee so decides, it may investigate on its own.



It's a busy time for the Civil Service Committee. Here, meeting in their May session are, left to right around the table, Dale Yoder, Austin A. Dowell, Lloyd M. Short, Clinton T. Johnson, Ralph L. Dowdell and Hedwin C. Anderson.



Duluth Branch Plans to Expand

JUST OK'd by the Board of Regents is the University's proposed new campus plan for the Duluth Branch.

The new campus, to be one of the most architecturally consistent of any college in the country, will be located a short distance from the present campus. It will be on a hill, with a view of Lake Superior.

The state legislature in its recent session allocated \$1,260,000 for a physical education building for this new Duluth Branch campus. Construction on a new science building has already begun.

Much of the land for the 160-acre campus was donated by Regent Richard L. Griggs, and a group of Duluth citizens and business organizations.

Museum Exhibits Memorial Sculpture

If you go over to the Museum of Natural History, you'll see a group of 11 pieces of sculpture.

One of them will remain at the Museum as a memorial to Dr. Thomas S. Roberts, late director of the museum and nationally known ornithologist.

The 11 entries were judged last month at a tea in the Campus Club by a group of art experts.

Visitors to the museum also will be able to record their choices. All the sculpture will remain on exhibit until around June 1.

Dr. Roberts was a professor and director of the museum from 1915 until his death. It was under his direction that the new museum building was put up.

Dr. Roberts was pediatrician by profession, but he probably was best known in the community and over the country for his interest in ornithology, the study of birds.

He was the author of "Birds of Minnesota," "Logbook of Minnesota Bird Life" and many other books and papers on natural history, read widely by Minnesota nature students.

LAST ISSUE

This is the last issue of The Minnesotan for the present academic year. It will be published again with the start of fall quarter by the Department of University Relations.

If you have any suggestions about articles for future issues of this monthly magazine, published for all full time Academic and Civil Service staff members, we'd like to hear them.

Also, if you have suggestions on new departments, features or services, we should appreciate hearing from you.

Address correspondence to
THE MINNESOTAN
213 Administration Building.

Our Cover . . .

A stretch of quiet road in the heart of a great forest is this scene taken at the University's Cloquet Forest Experiment Station. The photograph shows a part of the station's 60 acres of virgin timber.

The Minnesotan

CERTIFICATES OF MERIT *Awarded In June*

40 staff

members honored

CERTIFICATES of Merit will be awarded to 40 retiring staff members at a special ceremony in June.

The certificates will be presented to retiring Civil Service and Academic staff members who have worked at the University for 10 years or more. These people will be recognized for their years of service and devotion to the University by President J. L. Morrill and other administrative officers.

After the program at which the awards will be presented, the staff members being honored, their friends and relatives, will be guests at a coffee hour.

Certificates of Merit winners and the years they joined the staff are:

EDWIN E. Anderson, Minneapolis campus maintenance, 1930; Joseph A. Baehr, electrician, 1922; Mary Bartko, laundry worker, 1928; Elexius T. Bell, professor of pathology, 1910; Thorvald Berg, senior stores clerk, 1928; Anne Dudley Blitz, dean of women, 1923; Walter M. Boothby, professor, Mayo Foundation, 1917.

Harry Burdick, elevator operator, 1929; Oscar C. Burkhard, professor and chairman, department of German, 1901; L. Mae Centerwall, senior librarian (Department of Agriculture library), 1913; Lydia B. Christ, medical social worker and associate professor, 1916; Benjamin J. Clawson, professor of Pathology, 1921; Andrew M. Dahlen, maintenance supervisor, 1908; Blanche

Doran, principal food service supervisor, Comstock, 1930.

Charles R. Drake, clinical instructor medicine, 1920; William P. Dunn, associate professor of English, 1919; Victor E. Erlandson, assistant experimental plot supervisor, 1936; Boyd S. Gardner, associate professor, Mayo Foundation, 1918; Harriet Goldstein, professor of home economics, 1911; Vetta Goldstein, assistant professor of home economics, 1914.

ALBERT C. Johnson, utility man, St. Paul campus, 1924; Anshelm Johnson, upholsterer, 1932; Edward M. Kane, instructor of history, extension division, 1928; Arthur J. Kittleson, associate professor in Agricultural Extension and State 4-H Club leader, 1919; Henry N. Klein, clinical instructor of medicine, 1920; Ray R. Knight, clinical professor of dentistry, 1911; Zella Kolhoff, custodial worker, 1937.

Dorothy Kurtzman, assistant professor of nursing, 1919; Lewis E. Longley, assistant professor of horticulture, 1929; Anna Lundquist, cook, Coffman Memorial Union, 1927; Henry L. McClintock, professor of law, 1924; Laura A. Matson, instructor and preceptress, School of Agriculture, 1924.

WALTER H. Parker, professor of mines and metallurgy, 1919; Anna H. Phelan, assistant professor of English, 1908; Henry Rautio, bookbinder, 1922; L. Harriet Reade, secretary, 1919; Frederick C. Rodda, clinical professor of pediatrics, 1913; M. Magdalene Ruoff, housekeeper, Pioneer Hall, 1932; Margaret A. Scallon, instructor of English, 1929; Carl D. Smith, general mechanic, North Central School and Station, Grand Rapids, 1923.



THE UNIVERSITY OF MINNESOTA
IN RECOGNITION OF DEVOTED SERVICE

1926-1947

THE REGENTS AND THE PRESIDENT
EXPRESS THEIR GRATITUDE AND HIGH ESTEEM
THROUGH THE PRESENTATION OF THIS

Certificate of Merit

TO

Samuel Colville Lind

Dean, Institute of Technology

WHOSE NAME IS INSCRIBED IN OFFICIAL RECORDS
FOR ALL TIME

AS ONE WHO HAS CONTRIBUTED TO
OUR UNIVERSITY AND OUR STATE

GIVEN at Minneapolis, Minnesota, this thirtieth day of June, in the
Year of Our Lord the One Thousand Nine Hundred and Forty-seventh,
and of the University of Minnesota, the Ninety-sixth

J. L. Morrill
PRESIDENT
W. Marshall
SECRETARY OF THE REGENTS

Above is a reduced photograph of the Certificate of Merit awarded Dean Samuel C. Lind when he retired. The same kind of certificate will be presented this year.

The Certificate of Merit ceremony is relatively new. The first such awards were granted in 1947 to staff members with 10 years of service.

New Appointment

NEW to the staff is associate professor Marshall C. Hervey. He is in the Division of Dairy Husbandry in the College of Agriculture, Forestry, and Home Economics.

Mr. Hervey comes to the University from the University of Tennessee. During the war years he served as an officer in the navy.

He received his bachelor's, master's and doctor's degree from Ohio State University.



If it's information about the University you want, Mabel Fairchild, senior clerk, is sure to know the answer. Her "headquarters" are in the Minneapolis campus Administration Building.



If you get a check with wrong deductions or earnings, or (unhappy thought) no check at all, you see Byron C. Smith, principal account clerk in charge of Payroll, or one of his staff.



Senior accountant Eleanor Sieg is a busy person just now. She prepares the annual University budget. During the year, she also helps your department if you have budget problems.

Familia



Senior clinic nurse Alice K. Campbell and Dr. Phillip D. Kernan, physician for the Students' Health Service and University Hospitals sanitary officer, confer. They handle staff emergency accident cases in West 212 of University Hospitals. If a doctor is needed on the scene of an accident, Dr. Kernan is usually the one to answer the call.



Dale D. Shephard is manager of the Campus Club. He juggles his duties as food service head, dormitory director and even business manager with time left over to greet Campus Club visitors.



Ray F. Archer, director of Insurance and Retirement, is a familiar figure to many University staff members. They turn to him with problems concerning group hospitalization, retirement and group insurance.



Known to everyone who's ever wanted a check cashed is Kenneth L. Erickson, principal cashier. He's the man with all the money in the Bursar's Office on the Minneapolis campus. Administration Building.



Want to check up on your income for several years ago, income tax deductions then, your insurance beneficiary? Personnel assistant Annette Pearson in Personnel Records will check.

r Faces



Mrs. Mary J. Randolph calls herself the "needle's eye for the Department of Agriculture." As administrative secretary, she knows about everything that's going on, answers everyone's questions.



If you're a Civil Service staff member who wants a transfer, or if you're interested in a promotion, chances are one of these three Personnel Department people will help you. Left to right, they are: Martha W. Bergan, personnel assistant; Sigurd T. Dyrland, personnel representative; Roger M. Gaader, personnel assistant.

For Dr. Paterson and 25 years of Counselling . . .

'U' Press Publishes Book on Student Personnel

TWO years ago our University celebrated 25 years of counseling in a scientific way. It meant using a science like psychology instead of the old "hit and miss" way.

At that time, the people from all over the country came here for a sort of birthday party for the first 25 years of this kind of work at the University.

They also came to honor the part that Donald G. Paterson, professor of psychology, had played in the work.

And they came to give their advice on how to give students advice. Much of what was said at that meeting is now in a book called "Trends in Student Personnel Work," which was published in April by the University of Minnesota Press.

The talks of 40 experts were gathered and put in book form by E. G. Williamson, dean of students.

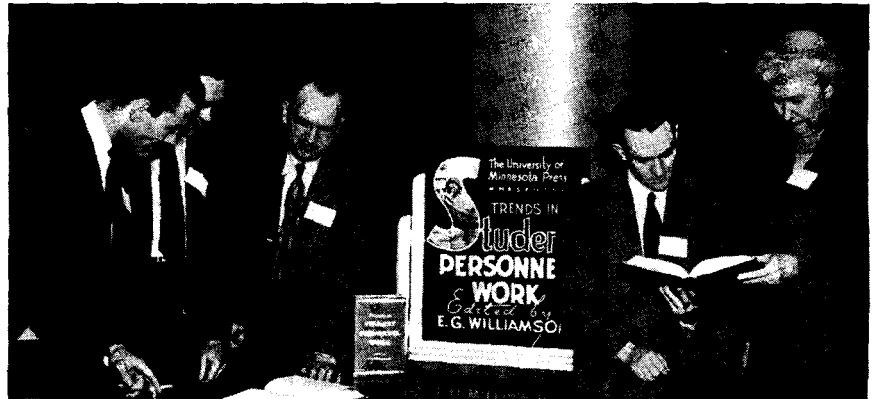
THE book takes a look back over the work done in the field and takes a long look ahead as well. It points up how important it is that students get more out of school than just book learning. The whole scientific way of giving advice is aimed at turning out students who will be well-rounded citizens—the kind that are really ready to get along and live with other people in the world.

Some of things talked about in the book are these: job, marriage and religious advice; mental health; helping veterans and foreign students to get along; special problems in giving advice to women; tests and testing; student housing, and making students behave.

One entire section is devoted to the problems of student veterans. Another

chapter takes up the role of student housing in education. There are 22 Minnesotans among the 40 authors of the 43 separate papers in the book. Nineteen of those are staff members, or were in 1947. They are: President J. L. Morrill; Malcolm M. Willey, vice president; John G. Darley, assistant dean of the Graduate school and professor of

student counselor; John D. Foley, senior student counselor; Bryngel Bryngelson, director of the speech clinic and professor of speech; George B. Risty, director of the student loans and scholarships; Ruth E.



Looking over copies of "Trends in Student Personnel Work" are John G. Darley, assistant dean of the Graduate School; the Rev. James Boren, campus chaplain for the Westminster Foundation; Stanley J. Wenberg, director of the Greater University Fund; William C. Stevens, administrative assistant and instructor, the College of Science, Literature and the Arts; and Mrs. Dorothy Dyer.

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Also Mrs. Dorothy Dyer, senior

student counselor and chairman of the family life sequence of the general studies sequence; William C. Stevens, student counselor; Margaret Aldrich, Boynton, director of the Students Health Service; B. J. Borreson, acting director of the student activities bureau; C. Wilbert Wrenn, professor of educational psychology; E. G. Williamson, dean of students and professor of psychology.

Encyclopedic in scope, "Trends" stresses historically the developments in the field of personnel work over the past two or three decades, summarizes the continuity of development and evaluates what has survived scientific testing.

University Plans Centennial Celebration

PLANNERS NAMED BY PRESIDENT MORRILL

DURING almost four of its first 100 years, the University has been planning a centennial celebration.

Back in the summer of 1947, President Morrill appointed a small centennial committee. Professor A. C. Krey, chairman of the history department, was the University's representative in plans for the territorial centennial.

The plans for celebrating its one-hundredth birthday got under way in earnest on Jan. 5, 1948. At that time, President Morrill appointed a large committee of more than 50 to set up plans for the celebration.

Now, when only two years remain until February, 1951, the centennial committee has named an executive committee and 10 sub-committees to work on specific projects.

OF course, most plans are tentative, but advance notices say that regular events of the year in 1951 will be tied up with the centennial. There will also be several special events including educational conferences and the issuance of a history of the University.

Here is the executive committee for the centennial: Professor Krey, chairman; Horace T. Morse, dean of the General college, secretary; Theodore C. Blegen, dean of the Graduate school; Henry Schmitz, dean of the College of Agriculture, Forestry and

Home Economics; Malcolm M. Willey, vice president for academic administration; William L. Nunn, director of University relations; and Julius M. Nolte, dean of the Extension division.

Following are the sub-committees planning the celebration and their chairmen: Compiling the Record, Errett W. McDiarmid, librarian; Formal Celebrations, Mr. Nunn; Musical, Paul M. Oberg, chairman of

music and music education; Dramatic, Frank M. Whiting, associate professor of speech; Athletic, Frank G. McCormick, director and professor of physical education and athletics; Arts and Crafts, H. Harvard Arnason, professor and chairman of the art department. Technical, Tracy F. Tyler, associate professor of general education; Educational Conferences, Dean Blegen; Concurrent Publicity, Mr. Nunn; Publications, Mr. Willey.

Alpha Phi Makes Research Grant



THIS was the scene at the ceremony when members of the Minnesota alumni of Alpha Phi, international fraternity for women, gave \$1,800 for a fellowship in heart research to the University last month.

Accepting for the University are Dr. Irvine McQuarrie, head of the department of pediatrics, extreme right, and Dr. Harold S. Diehl, dean of the medical sciences, third from right.

Raising money for the gift was a special project of the state alumni

members this year. It is the third year that the group has given money for cardiac research in pediatrics at the University.

Last June, the group also turned over to the University \$400 raised by the international organization for the purchase of an oximeter, an instrument which measures the oxygen in the circulating blood of "blue babies" without inflicting the pain of a needle.

The University is one of the three main centers where the fraternity sponsors or assists heart projects.

New Concept CONTINUED

and had become a full-fledged school, within SLA.

Since 1930, the headlong growth of journalism instruction and research has been developed by a staff team under the direction of Mr. Casey. He's well-known in the field of public opinion and communications agencies. Recently he served as a member of UNESCO's Commission

Wisconsin next fall, after being at Minnesota since 1935.

Professor Mitchell V. Charnley has been at Minnesota since 1934 after extensive experience on newspapers and magazines. He's a specialist in reporting, magazine writing and editing and radio writing. With Mr. Casey as editor, Professor Charnley was managing editor of the

staff in 1946, specializes in the problems of the economic and governmental forces that play upon the press and other communication agencies. He is a close student of communications law. Right now, Mr. Gerald is doing work on a research grant from the Graduate school in a study of newspaper production costs on a national scale. Mr. Gerald also



In short conference between classes are three former members of the working press. They are, left to right, George S. Hage, Charles T. Duncan and Graham Hovey.



The radio news wire enables students to prepare news broadcasts under actual newsroom conditions. Standing at the "ticker" are, left to right, William P. Jensen, Eugene F. Seehafer and Mitchell V. Charnley.

on Technical Needs of Press, Radio and Film. During the war he was a consultant to OWI and the Bureau of the Budget.

Head of the research activities of the school is Ralph O. Nafziger. His field of study is in international communications, media research and public opinion analysis. Mr. Nafziger will take over as head of the school of journalism at the University of

Journalism Quarterly, professional magazine of the field, for 10 years.

Professor Thomas F. Barnhart specializes in the field of community newspapers and advertising. He's also well-known for his work in typography and makeup of newspapers. He has just finished the third in a series of books on the weekly newspaper.

J. Edward Gerald, who joined the

is head of the placement service of the school which has an exceptionally high percentage of placements on its record.

EDWIN H. FORD, associate professor, teaches history of journalism, critical writing and literary journalism. He's now working on a book for the University Press called, "Readings in the History of



It takes a full office staff to keep Murphy Hall functioning. Here, left to right, are Robert J. Hohmann, Dorothy Stromswold, Mary Otto and Margaret Brunsdale.

American Journalism." He joined the faculty 20 years ago after service as an editorial writer and AP correspondent.

Fred L. Kildow, assistant professor, specializes in reporting, editing and news photography and is the director of the National Scholastic Press Association and Associated Collegiate Press. Those organizations provide expert advice and rating service to the school publications of the nation. Professor Kildow was named to the faculty in 1928. For several years he has served as editorial adviser of university student publications.

Eight other men, appointed more recently to the staff, round out the teaching staff. They all have professional experience as well as advanced academic work. The eight, and the institutions from which they obtained their first degrees are: Edwin Emery (California), Charles T. Dun-

can (Minnesota), Eugene F. Seehafer (Wisconsin), assistant professors; Graham Hovey (Minnesota), lecturer; William P. Jensen (Iowa State), George S. Hage (Minnesota), Harold W. Wilson (South Dakota), Lewis Patterson (Northwestern), instructors.

The journalistic experience of these men includes work as war correspondent and Washington correspondent, drama and music critic, rural weekly editor, radio news commentator, director of newspaper promotion, director of laboratories in a school of journalism, wire service correspondent and advertising agency copy writer. Several directed public relations activities in units of the armed services during wartime.

Malcolm MacLean and Warren Engstrom work full-time directing research division under Mr. Nafziger. They are aided by Mrs. Eunice Eli, chief statistician, and part-time in-

terviewers and tabulators who are engaged when they are necessary for the completion of a project.

Others on the staff include Robert J. Hohman counselor; Mrs. Dorothy Stromswold, placement and personnel secretary; Margaret Brunsdale, secretary. Mrs. Mary Otto is the librarian of an extensive collection of current daily newspapers and periodicals.

Building custodians are Gunnar Gustafson and Anker H. Pedersen.

The school also has 10 part-time and teaching assistant appointments—some of which are filled by working journalists.

WITHIN the past year, staff members have contributed a number of published works to journalism. Other volumes have accepted for publication within the coming year. Mr. Gerald is the author of "The Press and the Constitution," Professor Charnley contributed "News by Radio" and Professor Barnhart, "Weekly Newspaper Make-up and Typography." The Dryden Press of New York also announces Professor Barnhart's "Weekly Newspaper Writing and Editing" for summer publication. Other volumes scheduled are "History of the American Newspaper Publishers Association," University of Minnesota Press, Mr. Emery, and "Introduction to Journalism Research," Louisiana State University Press, Mr. Nafziger. Mr. Seehafer is the co-author of "Successful Radio Advertising." Mr. Casey and Mr. Nafziger contributed to "Communications in Modern Society," University of Illinois Press, and a forthcoming volume on polling and public opinion to be published by the State University of Iowa Press.

In addition, staff members continue to occupy places of leadership

Continued on page 14

Staff Members of the Month . . .

Stamp Collector finds 'U' a happy hunting ground



Walter Johnston picks up stamps saved for him by Jean Hollister, Physics Department secretary.

UNTIL about two years ago, Walter Johnston, who works as a senior clerk in the Physics Department, had little or no interest in collecting stamps.

It was then he heard about a project he thought worthy enough to make him a confirmed, tireless stamp collector.

Mr. Johnston is probably a rare bird among stamp collectors. Age, issues, imperfections and the like—things which intrigue most stamp collectors—mean little to him. It's volume that counts—the more the better.

"This isn't exactly a hobby," explains Mr. Johnston. "When I'm through with my regular work, I stop around at some of the offices here on campus and pick up old, used United States stamps.

"It really doesn't make any difference what kind of stamps they are—just the common, old three-centers are fine."

Actually, it's what Mr. Johnston does with these stamps that makes the story. He keeps them until he has a large bundle, then they are sent to an organization in Minneapolis which uses the money to take care of tubercular patients and underprivileged children in Norway.

This organization, the Oslo Laget, has built and is maintaining nine cottages in the Norwegian mountains for tubercular and underprivileged children. And the whole job has been done through the sale of stamps.

"You see," says Mr. Johnston, "I'm in an excellent position for a project like this. There's a tremendous amount of incoming mail here at the

University. And that means, of course, a great number of cancelled stamps."

The stamps are bundled off to Norway where they are packaged and sold to European stamp collectors. The European collectors, too, are pleased with Mr. Johnston's work. For the University receives many odd denominations of stamps which are difficult for European collectors to obtain.

Mr. Johnston gives all the credit for collections at the University to the girls in the various offices around campus. They put the stamps from incoming mail in boxes and have them ready for him to pick up.

Explains Mr. Johnston, "It's a pretty good feeling knowing that we're helping those Norwegian children.

New Concept

CONTINUED

in national organizations dealing with journalism education. Mr. Casey, Mr. Charnley, Mr. Nafziger, Mr. Barnhart and Mr. Gerald hold major posts.

Staff members also take leadership in short courses for working journalists. The schools sponsors annual courses for weekly newspaper editors (in cooperation with the Department of Agriculture), radio news editors and industrial editors.

One of the newest additions to Murphy hall is the research division. Research funds have been contributed by the Minneapolis Star and Tribune, the Office of Naval Research and the University. During its first five years it made more than 100 fundamental and applied studies on the problems of polling, content analysis, reader-interest and consumer interest.

The Minnesotan

Waseca

CONTINUED

erate closely with Mr. Winters in the breeding project.

Success in the program of producing the highly efficient Minnesota No. 1 and 2 swine breeds led to a similar project with sheep. At present, the Waseca flock retains a mildly inbred line of registered Shropshires for comparison with a new "in-the-making" breed designated Minnesota 102.

A new project on crossing and inbreeding milking Shorthorn cows with the Sinde, a Braham dairy breed, has been started at Waseca. This project, like the sheep work, follows the successful swine breeding pattern. The bull being used is a cross between the Sinde and the Jersey. Purpose of the experiment, the only one of its kind in the United



Edgar Anderson shows off the only combination Braham and Jersey bull in the United States. It is being used in breeding experiments.

States, is to develop a milking beef line having good resistance to insects and heat.

Percheron horses have been crossed with Arabian at the station,

and a new strain is being tried. The experimenters are finding these horses heavy enough for all ordinary work, but agile enough for pleasure riding.

One of the experiments at Waseca which has attracted a lot of attention is a pen-type barn for managing dairy cattle. The barn is a huge loose-housing type of structure with a "milking parlor" at one end. In the parlor, the cows move onto conveniently raised platforms of their own accord, where they are machine-milked quickly and easily.

OTHER projects include making silage from first-cutting alfalfa, and drying hay by forcing heated air through the material. So far, Mr. Hodgson and his co-workers have had the most success with what they call "doughnut stacks."

Located about a mile west of Waseca, the Southeast Station includes a total of 597 acres. All the land is tillable except 20 acres, which will be drained when a good outlet can be

Continued on page 16



George Sutter, Howard Greeny and George Engel are among the long-time staff members at the Waseca station. Mr. Sutter has been there 13 years, Mr. Greeny, 22 years, and Mr. Engel 20 years.

University Fares Well IN '49 LEGISLATURE

A BREAKDOWN of state appropriations for the University out this month shows that legislature granted a major part of what the Regents asked for—with a few subtractions here and a few additions there.

Of special interest to staff members was the legislature's action on wages and salaries.

Cost-of-living increases given civil service staff members last July on a deficit basis were underwritten by the legislature and continued for the next two years. In addition, civil service staff members will get merit increases.

IN July, academic staff salaries—which got no cost-of-living adjustment last year—will be increased partly by a flat rate and partly on a merit basis.

Although the University got a large share of what it asked for in the general maintenance budget, University officials warn that expenditures must be tightly budgeted during the next two years.

The total general maintenance budget including the Duluth branch totals \$24,950,853 for the next two years. Of this, Duluth will get \$1,165,448.

Special state appropriations total \$3,714,132. This money goes into projects mainly involving natural resources and medical research.

THE increase in the general maintenance budget is about \$4 million more each year as compared to 1947 to 1949. Following are the building appropriations for the next two years:

Minneapolis campus\$9,364,000

Mayo Memorial	5,500,000
Chemical Engineering	250,000
Classroom building	528,000
Heating Plant	600,000
Social Science	482,000
College of Education	1,404,000
Physics Addition and Equipment	600,000
St. Paul campus	\$1,890,000
School of Veterinary Medicine	710,000
Home Economics addition	200,000
Animal and Poultry Husbandry	300,000
Heating Plant	140,000
Library	540,000

Duluth campus	\$1,590,000
Science building	330,000
Physical Education Building	1,260,000

Appropriations at other branch schools and stations totalled \$415,000 along with \$965,000 at the Waseca Farm School.

In summarizing the appropriations, William T. Middlebrook, vice president of business administration, said:

“The Legislature recognized three things:

1. “The drop in revenue due to lower enrollment of veterans at non-resident tuition fees.
2. “The lag of academic staff salaries.
3. “That the University in the current year budget was unable to get the usual and necessary amount of supplies, equipment and repairs.”

The appropriation will enable the University to build seven new buildings and additions to five others on the various campuses.

New Civil Service Vacancies

Here are a few of the recent additions to the civil service vacancy list:

Women

Clerk	\$140-165
Clerk-Typist	140-165
Comtometer Operator	140-165
Editorial Assistant	214-254
Engineering Assistant	214-254
Secretary	169-199
Senior Clerk-Typist	169-199

Men

Electronics Mechanic	\$254-294
Iron and Steel Analyst	224-264

Waseca

CONTINUED

secured. The soil is rich, black and almost flat.

Like the other branch stations, the plant at Waseca is a busy place the year around. A regular crew of approximately 11 keeps busy during the winter caring for the stock, and preparing seed grain for the coming spring. In the summer when field work is in full swing, as many as 75 may be working at the station.

REGULAR staff people, in addition to Mr. Hodgson, include: Mrs. Ivadel M. Manley, secretary; George Sutter, swineherd; Howard Greevy, farm foreman; George Engel, general mechanic; Edgar Anderson, farm laborer; Arthur T. Worke, assistant herdsman; Frank Hasner, farm laborer; Wilfred W. Kopsichke, farm laborer; Earl L. Austin, farm laborer and Orbin L. Bauleke, farm laborer.

The Minnesotan

The President's Page

ONCE again the people of Minnesota have underwritten the on-going of the University. Confronted with unprecedented requests for funds—including those required for the veterans' bonus and the Governor's commendable program for improved institutional care of the mentally ill—the State Legislature has granted increased appropriations to carry forward our activities in teaching, research and public service.

Not all of the Regents' requests were granted. Not all that we sought for staff and salary increases, academic and civil service, for buildings, for special research projects, for educational maintenance and plant operation, will be available. Our expenditures must be more tightly budgeted than during these more recent post-war years of expanding student enrollment.

But the basic integrity of our program has been firmly supported. We have, indeed, every reason to feel great encouragement in the recognition, by the Legislature, of our cramped and over-crowded working conditions. Additional appropriations to complete new buildings authorized two years ago were granted. The long-hoped-for Mayo Memorial to meet the almost desperate needs of the Medical School and hospitals is now assured. Contracts will be let soon for the Social Science (Ford Hall) and new Classroom buildings on the Minneapolis campus, and for Home Economics on the St. Paul campus.

The College of Education will have quarters of its own, at last. Students in Agriculture will have a library. The new School of Veterinary Medicine will have two needed new buildings. Research and teaching in the Department of Physics will gain new space and facilities. At the Duluth Branch the Science Building, under construction, will be completed and a Physical Education building can be added to the new campus which looks out over Lake Superior. The first units of instructional and dormitory space at the School of Agriculture at Waseca, authorized two years ago, can now be planned and begun.

Civil Service cost-of-living salary increases granted last July, necessarily upon a deficit-basis, were underwritten for the biennium along with the usual merit increases. Effective next July, academic salaries can be



likewise improved, partially by a flat-rate increase, partially upon a "merit" basis. For this academic group there was last July no cost-of-living salary adjustment.

Higher costs of hospital operations have been met, in part, and state aid newly provided for maintenance of the Heart Hospital which is under construction.

Research projects, specially designated and supported by special appropriations, were increased in most cases although not to the full extent requested by the Regents.

All in all, the University is strengthened to do better work, and we must be deeply appreciative to the Minnesota Legislature for this heartening evidence of public confidence. Because of what they did we can, in fact, look upward with renewed hope and conviction to that noble inscription that is carved in the stone facade of Northrop Memorial Auditorium:

*The University of Minnesota
Founded in the Faith that Men are Ennobled by
Understanding
Dedicated to the Advancement of Learning and
the Search for Truth
Devoted to the Instruction of Youth and the Welfare
of the State.*

f. L. Merrill

