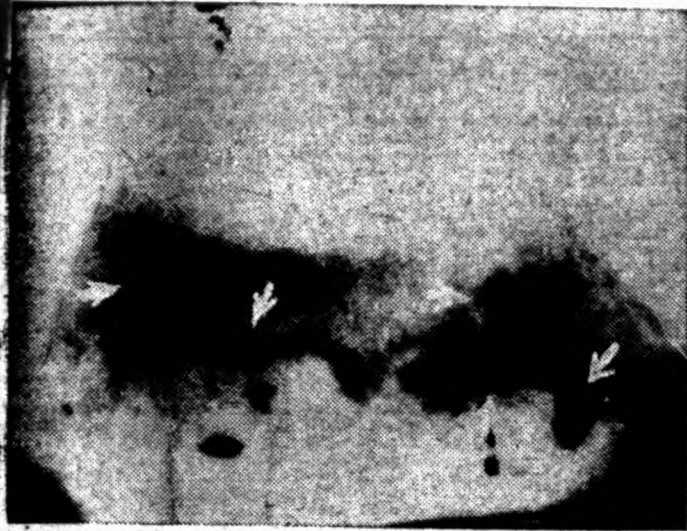


X-ray Used to Detect Flaws in Machine Parts



Preparing a steel fitting for an X-ray picture is Herbert F. Scobie, mechanical engineering instructor. The fitting is x-rayed to find hidden flaws. Picture is made by attaching film on a section of the casting and exposing it to x-rays which penetrate the casting and record results on the film. Forty-eight exposures are required for a complete inspection of the casting.

X-rays are seeking defects in machine parts as well as in human beings.

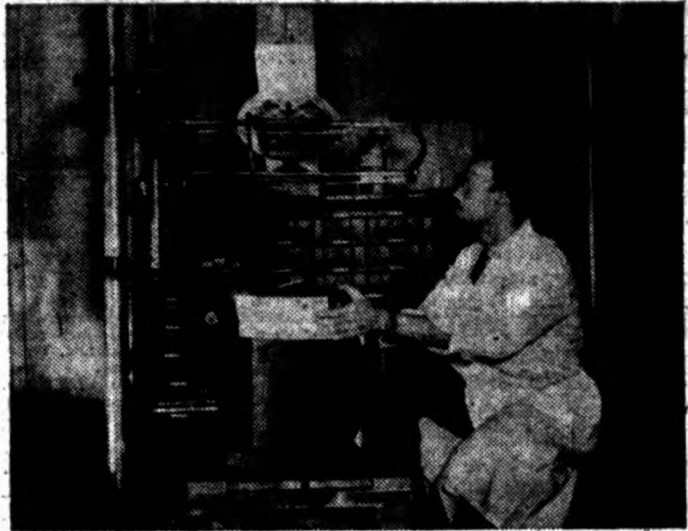
Defense course and engineering students at the University are being trained to use radiography (photography of internal structure of objects by very short light waves) in discovering flaws in machine parts. The work is being done in the foundry control laboratory in the Mechanical Engineering building.

Equipment consists of an X-ray machine and 100 milligrams of radium.

Radium, which produces pictures on film by emission of gamma rays, is used when the object to be tested is very thick or when an extremely portable ray source is needed.

Flaws have been detected which are as small as one per cent of the total thickness of the object tested. This is better than ordinarily required in actual practice, according to Herbert F. Scobie, instructor in mechanical engineering.

Special methods in reading X ray films have made it possible to find the thickness of the flaw and its distance from the surface of the metal.



Result of the picture taken of the casting at the left is shown in the above x-ray. The irregular dark blotches, denoted by arrows, are defects in the casting which tell the trained observer the presence of shrinkage cavities. The number in the picture is a guide for the inspector. Such a casting, if used, might result in costly repairs and possible loss of life.

The Minnesota Daily

MINNESOTA HISTORICAL SOCIETY

The World's Largest College Newspaper

The University of Minnesota, Wednesday, March 11, 1942

Horowitz to Play Brahms Concerto



Vladimir Horowitz To appear here

Pianist Vladimir Horowitz and compositions by the three B's of music — Brahms, Beethoven and Bach — will be heard at 8:30 p.m. Friday in Northrop auditorium, at the first regular concert since the Minneapolis Symphony orchestra returned from its five-week, mid-winter tour.

Born in Kiev, Russia, in 1904, Mr Horowitz made his debut in 1920 and gave his first concert outside of Russia in 1926 in Berlin. He became a sensation overnight.

In January 1928, he played for the first time in the United States, as soloist with the New York Philharmonic orchestra.

At Friday's program, Mr Horowitz will play the Brahms "Concerto No. 2 in B-flat major." The orchestra will play Bach's overture from "Suite No. 3 in D major" and Beethoven's "Symphony No. 2 in D major."

War Lectures On Ag Campus Will Start Soon

The College of Agriculture, Forestry and Home Economics is offering to all Ag students "America Goes to War," spring quarter sequel to the War Comes to America lecture course.

If enrollment for the course is large enough, the lectures carried by WLB, will be broadcast in the Ag auditorium.

Museum Movies Given

Sunday movies at the Museum of Natural History will be shown twice hereafter to accommodate the recent increase in the number of visitors, Dr T. S. Roberts, director of the museum, said yesterday.

The Sunday afternoon programs for the rest of March will be on "Western Minnesota Waterfowl" and "Minnesota Vacationland" conducted by W. J. Breckenridge, museum curator, and "Life in the Marshes" under direction of Charles Reif, museum lecturer.

Union to Be Open During Finals and Spring Vacation

The Union will remain open from 7 a. m. to 10 p. m. daily during finals and vacation, Ray Higgins, Union director, announced yesterday.

After March 15, the building will be closed Sundays with the exception of the bowling alleys which will be open from 2 to 8 p. m.

Facilities which may be used during vacation are the cafeteria from 11:30 to 1:30 p. m., the Gopher Grill from 7 a. m. to 4:30 p. m., bowling alleys 9 a. m. to 10 p. m., game room and billiards 9 a. m. to 4:30 p. m., bookstore 8 a. m. to 5 p. m and barber and beauty shops 8 a. m. to 6 p. m.

Wildlife Talk Tonight

Dr R. G. Swanson, associate regional inspector of the U. S. Fish and Wildlife service will speak on "Wildlife—Its Value and Conservation" 8 p. m. today in the Museum of Natural History auditorium.

Technolog Out Today

Einstein Theory Ain't Tough

By Betty Alexander

"The Theory of Relativity Made Easy," might be the title of Technolog's article on Einstein's theory in the March issue, out today.

It has been said that only seven men in the world understand the theory. To these are now added one woman, the author, Melba N. Phillips, lecturer in physics, and all readers of the magazine.

The monthly editorial is by Carroll Martenson, assistant editor and general chairman of Engineers day. The editorial is on Engineers day, which comes on May 15.

Minnesota had a gold rush, in case you didn't know it — in 1865, an article on "Minnesota's Natural Resources" says. A piece of quartz rock was found near Vermillion lake containing gold and silver. The rushers all had fun although no gold was subsequently discovered.

To help engineers be cultured when they graduate from college, Tom Greeman suggests that their curricula be broadened. Social science and humanities courses are suggested as a means of broadening Tech students.

The article on "Our Mosquito Fleet" first had to be okayed by the navy.

Rollo, quaint little friend of engineers, tells the editor, who tells everybody, that women will be pursuing engineers when the shortage of Arts and General college men becomes acute on account of the draft (engineers are vital). He has formed a society called S.F.P.O.E.F.F. or The Society for the Protection of Engineers from Females.

This is a good issue of Technolog. Although many of the articles are on technical subjects, they are presented so that Arts students can understand them. The Technolog jokes are on page 158.

Students to Keep State 'Posted' Patriotic Messages to Be Sent Out Soon

University student volunteers are busy in Jones hall turning out morale posters which soon will be scattered throughout the state.

Poster production is still in the initial test stages, but bottlenecks to mass production will be removed spring quarter. Then poster workshops will be moved to four rooms in Northrop auditorium and additional materials will be furnished by the University.

The posters are made by the most modern techniques developed by successful commercial artists—spray gun, collage and photo montage. But there's still plenty of work for students talented with paint brush or drawing crayon.

To date all requests for posters have come from the University, but requests from outside the University are expected to become heavy soon according to Curtis E. Avery, director of the University key center of information and training. The key center is in charge of receiving requests and sending out posters.

Many of the 40 volunteers who have worked so far are students in art education who combine their extra-curricular poster painting with class work.

Freshmen in introduction to

Coffey Plans Series Of State Visits

President Walter C. Coffey will make a series of visits to alumni leaders throughout the state beginning March 25 to discuss recent campus affairs, E. B. Pierce, alumni, secretary, said recently.

Mr Pierce arranged the meeting. President Coffey will visit Red Wing, March 25; Albert L. a, March 26; Moorhead, April 7; Owatonna, April 9; and Chisholm, April 14.



Wallace Landberg and Jeanne Graphagan Turn out "Buy defense bonds" posters

art education have already completed a series of posters urging students to buy defense bonds and stamps. The posters, made under direction of Donald R. Torbert, instructor in art education in charge of all campus poster making, will soon be

shouting their patriotic messages on campus.

Another series of posters stressing the need for secrecy and anti-rumoring about the war effort is being completed by a commercial art class taught by Ernest Ziegfeld, instructor in art education.

Marine Exams to Begin

Physical examinations for students who have previously applied for marine reserve commissions begin today in 208 Armory.

Exams will also be given from 9 a. m. to 5 p. m. tomorrow, Friday and Monday. None will be given during fourth hour.

Students will be enlisted by Lieutenant Paul Groth as soon as they are accepted.

Freshmen and others who have

not yet applied will be able to do so at the same time. Freshmen were not eligible to apply when applications were last taken on campus but are now.

If they are accepted, applicants can, under present plans, complete their education. They will receive three months training at Quantico, Va., after graduation and then become second lieutenants in the marine corps.

Five More Allied Ships Are Sunk

Brazilian Liner Hit Off Jersey Coast

By United Press

The toll of Allied cargo vessels sunk in the Atlantic by enemy submarines and storms was increased by five yesterday, coincided with a Cuban newspaper's report that United States planes destroyed a U-boat shortly after it made an unsuccessful attack on another ship.

The latest of the ships revealed to have been sunk was the 5,152-ton Brazilian liner Cayru, which, the navy department announced, was attacked off the New Jersey coast Sunday night. Twenty-six survivors, including four passengers, were landed in New York yesterday. Fifty-three crew members and six passengers of the Cayru, who got away in three other lifeboats, still were missing.

There were 46 persons dead or missing from the other four ships. The Cayru sinking was made public within a few hours after the navy announced that the 6,776-ton Gulf Oil corporation tanker Gulfrade, out of Philadelphia, was torpedoed and sunk early Tuesday off New Jersey about 60 miles south of New York.

Jap Bombers Pound Port Moresby Again

Melbourne — Japanese heavy bombers last night pounded Port Moresby on the southern coast of New Guinea for the fourth successive day, and its defenders awaited momentarily the arrival of enemy warships and transports to storm this only major outpost guarding northeastern Australia, 340 miles across the Coral sea. Meanwhile Australia dug in against the anticipated assault on her shores, gearing every phase of life, business and industry for the supreme effort.

RAF, Soviet Troops Strike at Nazi Foes

The Red army and the Royal air force waged a two-front war against Germany yesterday, British bombers racing in from the west to blast at the Industrial base of Adolf Hitler's military machine while Soviet troops dealt smashing blows at his invasion army in Russia.

Tt Staraya, Russa, the Russians were seeking to crush the life out of the 16th German army. At Kharkov they were closing in from three sides and had all but surrounded the second city of the Ukraine.

United Nations Army Still Fights in Java

Melbourne—Allied and Dutch troops, facing hundreds of thousands of Japanese without air support, still are fighting in eastern and central Java, although an armistice has been declared in the Bandoeung area to save the civilian population from "massacre," it was revealed yesterday.

Official Daily Bulletin, University of Minnesota

Vol. XLII

Wednesday, March 11, 1942

No. 118

Administration Notices

REGENTS' MEETING There will be a meeting of the Regents on Saturday, March 14. W. C. Coffey, President.

POSTPONEMENT OF INDUCTION The following students are eligible for consideration of postponement of induction until the close of the spring quarter: 1. Students who induction has been postponed until the close of the winter quarter (March 20).

2. Students who have returned their questionnaires and are being classified at the present time but who are not in scarcity fields and are, therefore, not eligible for deferment. 3. Students who will receive their questionnaires sometime during the spring quarter and who wish permission to complete the spring quarter. These students should go to the Dean of the college immediately after they have received their questionnaire.

Students in either of the first two categories are urged to see the dean of their college at once so that their cases may be reviewed. With the approval of the State Selective Service Headquarters, students who have registered and paid their fees for the spring quarter may be recommended for postponement until the close of the spring quarter. Students are urged to initiate such requests without delay and before they are notified to go to Fort Snelling for induction and physical examination. Once a student has been notified to proceed to Fort Snelling the University Committee can do nothing to assist.

E. G. Williamson, Secretary, University Committee on Military Deferment.

Convocations and Lectures

NOTICE There will be no convocation on Thursday, March 12. The hour is open for the use of classes of the various colleges.

Malcolm M. Willey, University Dean and Assistant to the President.

COMMENCEMENT

Winter quarter commencement exercises, Northrop Memorial auditorium, Thursday, March 19 at 11:00 o'clock. Speaker: Franklyn B. Snyder, President, Northwestern University.

Subject: An Incident in the History of Fort Ticonderoga. Malcolm M. Willey, University Dean and Assistant to the President.

arrangements within the time limit in order to avoid late fee. 2. Fee statements are issued on the basis of the records as they now appear. Approved petitions or memoranda modifying the records, and consequently the fees, should be filed within the time limit. If not, the student should pay the full amount of the statement and secure a subsequent refund if necessary. Each student is individually responsible for assuring himself that the proper fees for the quarter have been paid by the time specified.

Graduate School The last date for payment of spring quarter fees without late fee in the Graduate School is April 11.

FEDERAL STUDENTS AND TRAINEES Federal students, division of Vocational Rehabilitation students, foreign government students, and the beneficiaries of the scholarship funds of miscellaneous agencies must secure the written endorsement of the recorder on their fee statements, and present them to the bursar within the time limit to avoid late fee. Trainees registered in the College of Agriculture, Forestry and Home Economics will report to the assistant to the director of admissions, University Farm.

WINTER QUARTER GRADES Report of Winter quarter grades will be placed in the postoffice boxes to be available Friday, March 27.

NOTICE TO DEPARTMENTS Fall Quarter grades and charges against student deposits should be reported to the registrar's office not later than 12 noon, Monday, March 23.

To facilitate recording, final grades for the winter quarter should be sent to the office of admissions and records as early as possible. Winter quarter grades, where a grade of E was reported. A receipted examination fee statement (\$1) will be required for admission to the examination. The fee statement may be obtained

REMOVAL OF INCOMPLETES AND CONDITIONS Incompletes and Conditions Must Be Removed By April 28 Conditions — A condition examination schedule will be included with the statement of Winter quarter grades, where a grade of E was reported. A receipted examination fee statement (\$1) will be required for admission to the examination. The fee statement may be obtained

Admissions, Registration, etc. FINAL EXAMINATION SCHEDULE

Table with columns for subject, date, and time. Includes Accounting, English, French, German, Rhetoric, Spanish, Zoology, MWF, and TThS.

Including classes at this hour meeting 4 and 5 days a week. Classes meeting 2, 3, or more hours a day are expected to use the period assigned for the first hour at which the class meets. The period for the second hour that the class meets may also be used if desired. Classes meeting four or more days per week shall be examined at the time set for Monday, Wednesday, Friday classes.

SPRING QUARTER FEE STATEMENTS IN POSTOFFICE BOXES

Due March 19 Unless otherwise provided in the advanced registration instructions, spring quarter fee statements for all colleges have been placed in the postoffice boxes.

Undergraduate Colleges

1. The last date of payment of spring quarter fees without late fee is March 19. Payments received after that date must bear a postmark prior to 12 o'clock midnight on March 19 to avoid late fee. The fee for the privilege of late payment is \$2 through April 1. Beginning April 2 the late fee will be \$2.50 and will increase at the rate of 50 cents per day thereafter to a maximum of \$5. Students who must write home for money or make loans are especially urged to complete such

at your college window at the office of admissions and records.

Incompletes — Students receiving incompletes should see their instructors immediately after the opening of the quarter and make special arrangements for their removal.

Students who fail to receive schedules and who desire them may obtain them at the information window, office of admissions and records.

DEPOSIT REFUNDS

Students who are not returning for Spring quarter should turn in all University property, and equipment, such as library cards, books, military, athletic or band equipment, laboratory material, locker keys, locks, drawing boards, athletic ticket books, etc., before March 19. Refunds of balances of matriculation deposits of students who do not return for

spring quarter will be mailed to their home addresses about May 15. True E. Pettengill, Acting Director of Admissions and Records, and Recorder.

Special Notices

REGISTRATION FOR SPRING QUARTER WAR LECTURES

Every student on the Main Campus who expects to take for credit the course of War Lectures offered during the spring quarter must complete a special registration card and receive a seat assignment at the Information Window, Office of Admissions and Records, Administration building. This is in addition to, and does not take the place of the student's registration in his own college. This special registration will open Monday, March 16, and will continue until 5 p. m., Tuesday, March 31, after which no further registration for credit will be accepted.

Lawrence D. Steffel, Associate Professor of History.

UNION VACATION SERVICES

The Coffman Memorial Union building will be open from 7 a. m. to 10 p. m. during the vacation period. The following facilities will be available: Cafeteria—11:30 a.m.-1:30 p.m. Gopherette—7:00 a.m.-4:30 p.m. Private Dining Rooms—Luncheons and dinners. Bowling Alley—9:00 a.m.-10:00 p.m. James Room—9:00 a.m.-4:30 p.m. Billiard Room—9:00 a.m.-4:30 p.m. Bookstore—8:00 a.m.-5:00 p.m. Barber Shop and Beauty Shop—8:00 a.m.-6:00 p.m.

G. Ray Higgins, Director.

RED CROSS FIRST AID COURSES

The following courses in First Aid will be offered spring quarter: Red Cross Standard (Beginning) Non-academic staff—Monday, 6:30-8:30, 201 Westbrook. Embalming students only — Tuesday, Thursday, 1:30-2:30, 201 Westbrook. All students—Wednesday, 3:30-5:30, 3 Norris Gymnasium. Red Cross Advanced and Instructor's Course (Prerequisite—American Red Cross Standard Certificate) All students—Tuesday, 3:30-5:30, 3 Norris Gymnasium. Register for the course by applying in person at 101 Norris Gymnasium. (Enrollment is limited to 35). If credit is desired, additional registration must be made with the Registrar's office. The course may be counted as credit in Physical Education for women. It is also accepted as additional credit for students in General college, Home Economics, and Preventive Medicine and Public Health. Gertrude M. Baker, Director.

CO-EFFICIENTS CLUB

All non-academic clerical employees are invited to participate in an evening of sports from 7:00 to 9:00, Thursday evening, March 12th, in Norris Gym.

RED CROSS SURGICAL DRESSING UNIT

Campus Red Cross Surgical Dressing Unit, 325-6-7 Coffman Union will be open during the final examination period and vacation week March 16-27. 9:30 a.m.-3:00 p.m.—MTWT. 6:30 p.m.-9:00 p.m.—MT. Anyone who wishes to help is welcome. Mary Hamilton, Chairman.

Colleges of the University

COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

Rooms for Final Examinations Business Administration 529—All sections, 1:30 to 3:30, Thursday, March 19—Burton auditorium. Composition 4w—All sections, 2 to 4, Friday, March 13th, as follows:

Table listing exam rooms and times for various departments like Eddy, Rose's sections, Madson's sections, Litchfield's and Miss Stock's sections, etc.

ARMY ECONOMICS 20w

Table listing exam rooms and times for Army Economics, Political Science, Psychology, etc.

SEMINAR ON PHOTOSYNTHESIS

Weekly discussions of current research on photosynthesis and related problems will be held during the spring quarter by staff members and graduate students. It is planned to include the following subjects: photo-chemical reactions, state of chlorophyll in the leaf, chlorophyll fluorescence, the role of carotenoids in photosynthesis. Investigations of photosynthesis with radioactive and heavy carbon, hydrogen assimilation in algae and purple photo-synthetic bacteria, photo-oxidation in plants, recent rapid gas analytical methods, and oxygen production by isolated chloroplasts.

The first meeting will be Wednesday, April 1, at 8:00 p. m. in Botany 110. One graduate credit hour. Botany 235e. C. S. French.

AGRICULTURE, FORESTRY AND HOME ECONOMICS

Notice to All Students A lecture course entitled "America Goes

BULLETIN

(Continued on Page 3)

The Minnesota Daily The World's Largest College Newspaper Official newspaper of the University of Minnesota in Minneapolis, Minnesota. Vol. XLII No. 118 Member Associated Collegiate Press, 1941-42 All-American Pacemaker

WEDNESDAY GEORGE BARBARA WENDY HILLER REX HARRISON ROBERT MORLEY

CAMPUS THEATRE WEDNESDAY ONLY Edw. G. Robinson Laraine Day Edward Arnold "UNHOLY PARTNERS" Play "WAHOO" Tonite—9 P. M. 10 Positive Winners!

OFFICIAL DAILY BULLETIN

(Continued from Page 2)

to War" (offering one elective credit), will be given by the University in the spring quarter. A radio class can be held at University farm if there are enough registrations to warrant this. Students interested in taking this course on this campus should report immediately to the Office of Admissions and Records, University Farm, so that information may be obtained as to the number of possible registrations.

E. M. Freeman, Dean.

FINAL EXAMINATION SCHEDULE WINTER QUARTER, 1941-1942

School of Mines & Metallurgy—Institute of Technology

FRESHMAN CLASS		
Friday, March 13	8:30 to 11:30	M & M 12 Trig
	1:30 to 3:30	English 5 Comp.
Saturday, March 14	8:30 to 11:30	M & M 11 Algebra
	1:30 to 3:30	Chemistry 5
Tuesday, March 17	8:00 to 10:00	Geology 12
	1:30 to 3:30	Chemistry 15
Wednesday, March 18	8:00 to 10:00	Drawing 12
	1:30 to 3:30	Drawing 7
SOPHOMORE CLASS		
Monday, March 16	8:00 to 10:00	Met. 11
	8:30 to 11:30	Chemistry 9
Tuesday, March 17	8:00 to 10:00	Physics 8, Gen. Phys.
Wednesday, March 18	8:00 to 11:00	Mining 12
Thursday, March 19	8:00 to 11:00	M & M 32
	4:00 to 6:00	Geology 24
JUNIOR CLASS		
Friday, March 13	8:00 to 11:00	Mining 122
Saturday, March 14	8:00 to 11:30	M & M 123 Materials
Monday, March 16	8:30 to 11:30	Mining 112
	8:30 to 11:30	Met. 154
	8:30 to 11:30	Pet. Eng. 112
	1:30 to 3:30	Mining 107
	1:30 to 3:30	Geology 145
Tuesday, March 17	8:00 to 10:00	Geology 124
	1:30 to 3:30	M. E. 13 Forge
Wednesday, March 18	8:00 to 10:00	Met. 112
	8:00 to 10:00	Geology 152
	10:30 to 12:30	Met. 107
Thursday, March 19	10:30 to 12:30	Geology 131
	4:00 to 6:00	Drawing 14
	4:00 to 6:00	Met. 133
SENIOR CLASS		
Monday, March 16	8:30 to 11:30	Geology 140
	8:30 to 11:30	Met. 154
	8:30 to 11:30	Pet. Eng. 144
	1:30 to 3:30	Geology 92
	4:00 to 6:00	Geology 166
Tuesday, March 17	4:00 to 6:00	M. E. 138
	8:00 to 10:00	Met. 135
	8:00 to 12:00	Mining 127
Wednesday, March 18	1:30 to 3:30	M. E. 13 Forge
	8:00 to 10:00	Pet. Eng. 153
	8:00 to 10:00	Met. 112
	8:00 to 10:00	Met. 122
	10:30 to 12:30	Met. 156
	10:30 to 12:30	Met. 107
Thursday, March 19	10:30 to 12:30	Chem. E. 77
	8:00 to 11:00	Mining 142
	4:00 to 6:00	Geology 111
	4:00 to 6:00	Met. 164
	4:00 to 6:00	Met. 137

For subjects and rooms not listed, or conflicts, see department concerned. E. M. Lambert, Chairman, Program Committee.

THE MEDICAL SCHOOL

MEDICAL SCHOOL ASSEMBLY
Thursday, March 12, 1942, 11:30 a. m., in the Medical Sciences Amphitheater. Dr. Diehl will discuss present military situation as it affects medical students. Pre-medical students accepted for the class entering in June, 1942, will be welcome.

C. D. Creevy.

Bacteriology Seminar

Dr. George Savage will present some recent studies on pyocyanine, and other end products of *Pseudomonas aeruginosa*. The Seminar meets at 4:30 on March 12, in 214 Millard hall.

C. E. Skinner.

DEPARTMENT OF PHYSIOLOGY

Protein Seminar
The Protein Seminar will meet in Room 15 Medical Sciences on Thursday, March 12, at 8 p. m. Professor R. A. Gortner will speak on "Plant Protein Studies."

M. B. Vischer, Head.

Red Cross First Aid

Red Cross First Aid class Friday, 7:00 to 9 p. m. Meeting March 13 is optional—practical exercises only. Next regular meeting will be April 10.

Joseph T. King, M.D.

Seminar in Pathology

12:30 p. m., Monday March 16, 1942. Room 104, Institute of Anatomy, Filkins. Dorothy Sundberg Reiff, Visitors welcome.

PMAPH Examination Schedule

Winter-1942	
3 Personal Health—Dr. O'Brien	1:30-3:30, Monday, March 16, Armory
4 Health Problems of Adult Life—Dr. Potthoff	4:00-6:00 Monday, March 16, 129 M.H.
52 Health Care of Family—Dr. Lange	1:30-3:30, Monday, Mar. 16
53 Elements of Preventive Medicine—Dr. Anderson	8:00-11:00, Thur., Mar. 13, 113 Me. Sc.
57 Health of Infant and Preschool Child—Dr. Boynton	8:00-10:00, Tues., Mar. 10, 129 M.H.
58 Maternal and Child Hygiene—Dr. Boynton	8:00-10:00, Tues., Mar. 17, 214 M.H.
62 Principles of Public Health Nursing—Miss Pangburn	8:00-10:00, Wed., Mar. 18, 104 Anatomy
63 Principles of Public Health Nursing—Sat., Mar. 14, 8:30-10:30	12Me Sch.
72 Orthopedic Nursing—Miss Harrison	1:30-3:30, Monday, Mar. 16, Women's Gym
105 Epidemiology—Dr. Anderson	10:30-12:30, Wednesday, Mar. 18, Faculty Room (116 M.H.)
106 Public Health Administration—Dr. An-	

WANT ADS

LOST—

BLACK onyx ring at Sat. nite dance. Ladies' rm. Reward. Box X, Daily.

BROWN beaded purse, glasses near Music Bldg. P.O. #90, Eves., Ke. 6219.

SINGLE rm. Excellent for study. Gl. 7064. 411 S. E. 12th Ave.

WANTED—

SOMEONE to take over Pioneer hall contract at substantial discount. Write or call James McCarville.

FOR rental Spring quarter furnished apt. or house near U. Du. 9326.

HELP WANTED—

SALESGIRL for sportswear dept. Must have experience. Chance for advancement. Wilshire, 367 Wabasha, St. Paul.

erson, 4:00-6:00, Thur., Mar. 19, 129 M.H.

108 Care of Handicapped Child—Dr. Nydahl, 8:30-10:30, Monday, Mar. 16, 129 M.H.

112 Water Supply Sanitation—Mr. Pierce, 8:30-11:30, Mon., March 16, State Dept.

113 Sewage—excreta and waste disposal—8:00-10:00, Wed., Mar. 18, State Dept.

118 Environmental Sanitation—1:30-3:30, Mon., Mar. 16, State Dept.

Two First Aid Courses Offered

Ag Students to Get Credit, Certificates

Two first aid courses will be conducted on the Ag campus spring quarter for all students enrolled in the College of Agriculture, Forestry and Home Economics.

A night course will be given from 7:30 to 9:30 p. m. Monday. Instructor will be Wallace D. Armstrong, associate professor of physiological chemistry and dentistry.

Hally J. Fisher, instructor in preventive medicine and public health, will conduct a day course, sixth and seventh hours Wednesday and first and second hours Thursday.

Students registered for either course will receive one credit and a Red Cross certificate.

Winter Graduates To Have Dinner And Full Fanfare

Winter graduates now have commencement exercises and a senior dinner complete with all the fanfare that goes with June graduation. But it wasn't always that way.

There was a time when, quietly and unobserved, they stepped up to the registrar's office and simply checked out by asking for their diplomas.

The dinner this quarter will be given at 6 p. m. Wednesday, March 18, in 307 Union. By assuming part of the financial obligation, the Union Board makes an 85 cent dinner available to graduating seniors for 45 cents. Dinner for friends and relatives is 85 cents. Tickets should be bought at the Union information desk by Tuesday.

A program of special interest to seniors has been planned. Music will be furnished by the Music department.

Lois Martens, Arts sophomore, is in charge.

Metallurgy, minor Physical Chemistry and Microbiology, will be held Thursday, March 12, 1942, at 2:00 P.M. in 106 Mines.

Examining Committee: Professors Joseph, chairman, Dowdell, MacDougall, Grout, Lind, and Gruher, 1942 Theodore C. Blegen, Dean.

Calls for teachers are being received by the Bureau of Recommendations at the present time. All seniors and graduate students who will be qualified for and interested in teaching positions for the school year 1942-43 are urged to register with this office immediately if they have not yet done so. The calls received come from Minnesota and other states, from all types of schools and colleges, and cover the entire teaching field from kindergarten through college. Any student who will be qualified for a teaching position should register with the Bureau of Recommendations whether or not he is a graduate of the College of Education. Many wish to assemble credentials who cannot accept positions this year.

Clifford P. Archer, Director.

THE GENERAL COLLEGE FINAL EXAMINATION SCHEDULE

Friday, March 13	
8:00-10:00	Clothing Selection, 206 WeH.
	Music Today, Section 2, 202 WeH.
	Literature Today, 201 WeH.
	Our Economic Life, 207 V.H.
10:30-12:30	Individual Orientation a, all sections, 201 WeH.
1:30-3:30	Maintenance Aspects of Family Life, 206 WeH.



Jive in the Faculty Follies of 1942 gets a solid going over by Beverly Rydeen of the Alpha Phi dance group, while Louise Amundson plays. Seated on the piano are Jo Black, Barbara Johnson, Ann Carpenter and Penny Ott. Other members of the dance group, which appears in the show, are Patty Peck, Suzanne Heinrich, Jorrie Dorr and Betty Davis. The Faculty Follies will play a return engagement at 8:30 p. m. today in the Music auditorium.

Examiners or Actors Faculty Follies Mimics News

Preparation of final exams will be delayed temporarily while faculty members answer the call of the theater. Because of the success of performances given Friday and Saturday, the Faculty Follies of 1942 will be repeated 8:30 p. m. today in the Music auditorium.

Lamponing international and local events, the musical comedy, with catchy tunes by Raymond Levy of Minneapolis, features skits written by members of the faculty.

Proceeds from tonight's show will go to campus war efforts. The production is under direction of Dr. C. Lowell Lees, director of the University Theatre. Mrs. Harold Shepard is in charge of properties.

Tickets are 40 cents and are available in the Union, the office of the dean of students, the Music building, and at campus dormitories. No seats are reserved and only 600 tickets will be sold.

Defense Stamp Prize Offered to Designers

Five dollars in defense stamps their designs on four-inch white circles using a green and white color combination.

Designs must be turned in at the Engineers day office in 229. In winning the \$5 should draw Union before April 16.

Divide Your Personality with
BRUCEWOOD'S SPRING SEPARATES

A two-timing
"BOY" JACKET
\$10.95

makes a suit of skirt or slacks — all wool, in "nude" or "camel" tan

12-20—2nd floor
9-15—3rd floor

plus an on-the-square
PASTEL PLAID SKIRT
\$6.50

designed to flatter your shirt and sweater collection

sizes 12-20—2nd fl.
whip-stitched Rothley blouse—\$3.50

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CAPS and GOWNS

By getting your commencement CAP AND GOWN early, you'll avoid the rush and have a larger stock from which to choose. Order your CAP AND GOWN today from the Co-op.

CO-OP

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1501 University S.E. GL. 1522

The Russians Had a Word . . .

U Translating Service in Demand

By Beverly Berkovitz
 "Kak pozhivaete?"
 This may be Greek to you, but it's Russian in English script according to seven WPA employees who make language their business. These experts who sling their lingo from the WPA translation bureau at Eddy Hall, say that when the jargon is interpreted, it means, "How are you?"
 Russian is one of the six tongues in which the linguists are proficient. They can also ask this polite question in German, French, Scandinavian, Spanish and Italian.

every college on campus has made use of the service.
 The translators recently helped Ralph O. Nafziger, professor of journalism now on leave, compile material for his book, "Foreign News and the Press," published in 1940. They are plodding through medicine and botany in French and German.
 Over on the Ag campus another group is specializing in Russian and Italian.
 Patience is the keynote for professors who want service, as highly technical material may take as long as two years to translate, averaging about three or four pages

a day. Less difficult material can be done at the rate of eight pages a day.
 Selections to be translated are first sent to the American Documental institute at Washington for approval. After they are returned to the bureau, the linguists set to work armed with foreign dictionaries, fountain pens, and ordinary writing paper. Translations are carefully made in long hand and then handed over to a crew of typists and a staff of copy readers who complete the process.
 WPA translators are selected on

the basis of training and background. Although it is preferable that German-born applicants translate German, French natives translate French, etc., American-born linguists are also acceptable, and it is not uncommon to find an Irish expert in German and French.
 These linguists, from behind their texts printed in strange letters and their foreign-language dictionaries, are not only helping some professor prepare next year's lecture notes but they are also doing a service for the whole country as translated material may be distributed throughout the United States.

Geologists Make Draft Request

Ask for Deferment Claim Consideration

A request that selective service boards give careful consideration to the claims of deferment from geologists and mining engineers was sent this week to the National Selective Service headquarters in Washington by the Association of State Geologists.

"Increased mineral production is indispensable for victory," declared the association in its report.

"There has always been a limited supply of geologists and mining engineers, said this supply is being further depleted by selective service.

The United States must produce minerals for armaments for itself and, in a large part, for the other countries in the United Nations group."

The association also suggested to the army, navy and air forces that they give consideration to the formulation of measures to select directly, instead of indirectly as formerly, qualified geologists and mining engineers to meet their needs.

Since 1936, when the project was first introduced, the experts have poured over thick volumes in foreign lingo. Every subject from journalism to pathology has been delved into, and nearly

Oratory Manuscript Deadline Announced

Manuscripts for the original oratory contest, April 15, must be submitted before April 2, Irwin Glatstein, debate coach, said yesterday.
 Manuscripts must be in triplicate and contain about 1,500 words. Any subject may be discussed.
 Prizes of \$50, \$30 and \$20 will be awarded to the winners of first, second and third places, respectively.
 Entrants should register in 409 Folwell.

New Bridge Is Planned For Post-War Campus

After the war is over University students will probably be able to cross Washington avenue without climbing slippery footbridges, Dockmaster E. A. Lundstron of the city engineer's office said recently.
 A new Washington avenue bridge, already approved by the war department for post-war construction, will have its eastern approach below the surface level of the campus with crosswalks on a plane with the mall and Coffman union.

"Although three or four plans are under consideration, it is likely the new bridge approach will be dropped below campus level starting at Oak street, with the western end higher than at present," declared Mr Lundstron.

Emphasizing safety features, the proposed steel and concrete structure will consist of two spans to be the longest in the Northwest. Under the present plan (using a sunken eastern approach) the mall could be leveled southward over the roadway to the doors of the Union. Such a plan would greatly improve campus appearance and insure student safety.

U Chorus Will Sing

The University chorus will give its second presentation of "The Ordering of Moses," a new composition by the Negro Composers R. Nathaniel Dett, 12:30 p. m. today in the Union Ballroom. The Minnesota Symphony orchestra will accompany the chorus.
 There is no admission charge.

Meditations Is Topic

"Meditations for This Hour" will be theme of the Ag Christian council service by Dr. Milton McLean of Macalester college 7:30 p. m. today in Green hall auditorium.

Registration Opens for Ag Hobby Exhibit

Registration for the Ag campus hobby show April 7 through 10 in the Ag Union will begin this week, the Ag Union board announced yesterday.

Ray Johnson Ag senior, has been named chairman.

Classifications for exhibits include creative art, collections, general handicrafts, photography, household crafts, natural history and work of a technical nature.

Registration blanks, available at the Ag Post-office or Union, should be turned in at the student organizations office in the Ag Union. Ribbons signifying participation in the show will be awarded to all entrants.
 Transportation will be supplied to any entrant unable to get his exhibit to the University.

Sophomore Pianist To Perform Today

Mary Gulbrandsen, Education sophomore, will be solo pianist on the music department's weekly broadcast at 4:30 p. m. today over WLB.
 The music department plans to continue the Wednesday afternoon broadcasts during spring vacation if musical talent is available.

Home Economics Committee Heads Are Announced

Committee heads for Home Economics day, April 11, were announced recently by Caroline Jorgensen, Home Economics sophomore and publicity chairman.

Chairmen are Jean Johnson, Home Economics junior, general arrangements; Lois Luhman, Home Economics junior, dance; Aileen Shannon, Home Economics sophomore, luncheon; Margaret Wilcox, Home Economics sophomore, finance; Adele Johnson; Home Economics senior, tea; Margaret Henry, Home Economics sophomore, style show; Geraldine Jorgensen, publicity.

Coeds interested in working on committee should file from noon to 1 p. m. today in the student organizations office in the Ag Union.

Gopher Club Elects

Officers recently elected by the Gopher 4-H club are Lyle Jolson, Ag sophomore, president; Amos Hayes, Ag sophomore, vice president; Margaret Skaar, Ag freshman, secretary; Eldon Madison, Ag sophomore, treasurer; Margaret Cutler, Ag freshman, publicity chairman; and Don Moeller, unclassified, historian.

Return Records Today

All records out must be returned to the record lending library between 2:30 and 3:30 p. m. today in the Union fine arts room.

STATE 30c
 Adventure Romance!
TYRONE POWER
SON OF FURY
GENE TIERNEY
 BOBBY MCDOWALL
 It's Yours FRIDAY!
CAROLE LOMBARD
JACK BENNY
 "TO BE or NOT to BE"

Open Thursday Nights to 9 o'Clock

John W. Thomas & Co.
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SWEET 'N LOW

In Parimodes for Spring



\$10.95

These Parimode versions are in multi-colored calf nailhead studded suedes . . . calfskins.

Shoe Salon—First Floor

Parimodes are exclusive with us in Minneapolis and are available to size 9

It's JOHN W. THOMAS & CO. for Beautiful FOOTWEAR

CENTURY END FUN WEEK!
 ANN DAVIS · SHERIDAN · WOOLLEY
 "THE MAN WHO CAME TO DINNER"
 MINNESOTA Land of Plenty · 1K 100 GP

Starts Friday!
 You've read about it! You've heard about it! The picture *Everyone* wants to see!
CAROLE LOMBARD
JACK BENNY
 in Ernst Lubitsch's Comedy
 "TO BE OR NOT TO BE"
STATE

Northrop Memorial Auditorium
 Friday, at 8:30 P.M., March 13
Minneapolis Symphony Orchestra
DIMITRI MITROPOULOS, Conductor
 PROGRAM: Overture from Suite No. 3, in D major, Bach; Symphony No. 2, in D major, Beethoven; Concerto for Piano and Orchestra, No. 2, in B-flat major, Brahms.
 Presenting the Distinguished Pianist
VLADIMIR HOROWITZ
 TICKET PRICES (Tax Incl.): \$1.10, \$1.65, \$2.20, \$2.75, \$3.30
 Tickets NOW on sale at 106 Northrop Auditorium, Downtown Ticket Office, and Field, Schlick's (St. Paul).



SOCIALLY SPEAKING

While students study the faculty dances...

...at a formal to be held by the Campus club and Faculty Dancing club 9 p.m. to midnight Saturday in the Union ballroom. The program will include dancing and refreshments. Two committees, representing both clubs, are in charge. Members are Thomas F. Barnhart, Gladys Gibbens, Walter Huchthausen, Walter Lauer, Ralph Piper, John A. Anderson, William Geddes, Fulton Holtby, Dean Samuel C. Lind, O. William Muckenhirn, George O. Pierce and Miles Tinker.

All together...

...will be the members of the Minnesota Dames at a general meeting 2:30 p.m. tomorrow in the Union junior ballroom, Dean Theodore C. Blegen will speak.

The globe turns...

...will be the program theme when Kappa Phi, Methodist sorority, meets 6:30 p.m. today at Wesley foundation. Carol Palmer and Viola Ferris are in charge.

New big wigs...

...at Delta Zeta are Jeanette Woodward, president; Barbara Langland, vice president; Lois Radke, secretary; Mae Agneberg, corresponding secretary; Carol Jane Gorder, treasurer; and Margaret Warren, historian.

Brand new...

...to Phi Delta, professional business sorority, are pledges Marguerite Sampson, Helen Fotopoulos and Windella Huffmap.

Candy was passed...

...at Gamma Phi Beta announcing the engagements of Kay Johnson to Bob Eustis, Ki Morris to Dick Peterson and Arline Allison to John Wythie.

Guiding...

...Delta Upsilon pledges are new officers Robert Hutchison, president; Marshall Smith, vice president; Ted Wilde, secretary-treasurer; and Fred Hickler, sergeant at arms.

Lowly and humble...

...pledges of Alpha Gamma Rho, professional agriculture fraternity, are Clifford Zaffke, Edward Donatelle, Don Moeller, Clarence Dowling, Paul Miller and Armas Makila.

Handy helper...

...at Alpha Gamma Delta is New Pledge Pegg Bergford.

Running things...

...at Gamma Phi Beta are new officers Anna May Torgerson, president; Joan Erdall, vice president; Janet Bronson, recording secretary; and Marjorie Mann, treasurer.

New executives...

...of Theta Xi are Francis Womack, president; James Doell, vice president; Martin Saari, corresponding secretary; and Dale Milnar, treasurer.

Dressing Classes To Change Hours

Surgical dressing classes will change their schedule a week from Monday, meeting from 9:30 a.m. to 3 p.m. for the following two weeks.

Official regulations received recently by the WSGA-sponsored unit state that uniforms worn while making bandages must not be worn to and from classes. All bandage-makers are asked to either carry their uniforms with them or leave them in a Union locker.

Coeds who wish may come up during vacation to finish their supervisor training.

Rhapsody Radio Show

Starlight Serenaders, 40-voice mixed chorus from the music show, Rhythm Rhapsody, are now appearing in weekly broadcasts from 8:05 to 8:30 p. m. Tuesdays on WMIN. Solo stars from the talent coaching class are guest artists on the program under direction of John Salisbury, talent coach. The chorus is directed by Irving Tingley, musical director.

West Coast Residents More Aware Of War Than We Are, Says Peik

By Bill Krueger

People on the West coast are much more aware that the United States is at war than the people in the Midwest.

This is the impression Wesley E. Peik, dean of the College of Education, formed after two weeks of educational conventions in the West and on the Pacific coast.

Back in his office yesterday, Dean Peik further pointed out that this same emergency situation was a main influence on the convention programs.

"The emergency dominated thinking," he said. "In general we all left with a greater realization of the seriousness of the situation, and of the necessity for the schools to do their part."

"The general consensus was that there are two objectives in this war. First, to win the war militarily; second, to have the country's youth trained for winning the peace and extending democratic principles after the war."

"WE CAN WIN THE WAR BUT STILL LOSE WHAT WE FOUGHT IT FOR."

During the trip, Dean Peik saw the barrage balloons anchored over the Sierra mountains, and the damage done by Japanese shells at Santa Barbara, Calif.

"Much emphasis was placed on the deficiencies which the military and naval efforts are bringing out," he said. "Such things as self-discipline, health and efficiency in political and civic action were considered here."

"The pending shortage of teachers due to the emergency situation was the cause of much concern."

"Preservation of school standards was discussed including the greater need for guidance and personnel work, enlightenment of citizens through social studies, extension of physical education and school health work."

Journalism Class To Take Charge Of 4 State Papers

Eleven journalism students will take complete charge of newspapers in four Minnesota towns the week of spring vacation.

The field work is done annually as a project of a class in newspaper advertising taught by Thomas F. Barnhart, professor of journalism.

Editing the Anoka Herald will be Jerry Doyle, Henry Madsen and Mary Schiedermayer; on the Forest Lake Times will be Donald Moog, John P. Berdie and Marijane Sokolowski; in charge of the Minnetonka Herald and the Deephaven Argus in Wayzata are Franklin Page, George Gates and Marjorie Lundberg; the Paynesville Press, Waldemar Pflipsen and Marshall Johnston. All are Arts seniors except Miss Lundberg who is an Arts junior and Marshall Johnston who is a graduate student.

Play on WLB Tonight

Already producing more dramatic shows than any other similar group in the country, the University Radio guild will add another to its number, the Playhouse, which will present "The Silver Coronet" for its second program 7 p. m. today on WLB.

Vintage of 1919

War Gophers Reviewed

By Gloria Gilles

"A grim shadow, cast by a darkening cloud, lies upon our campus— This is a quotation from the Gopher of 1919. Twenty-three years later another grim shadow of war is cast, and another Gopher is going to press."

The Gophers of 1919 and 1920, turbed in Library stacks, record the thoughts of students who confronted the same problems as those of today.

"In the midst of the great struggle in which the democracies of the world and the life of the nation is at stake, the class of 1919 has undertaken to publish this book," is written in the foreword.

On the cover are pictured soldiers with bayonets fixed, about to charge. A soldier's memory of the campus is the theme, with University scenes pictured—"The Armory, where I played at being soldier—, "Polwell hall, set like a gem in the crimson and gold."

In 1920 the Gopher was dedi-

musty from years of lying undis-

cated "to the men and women of the University who have served their country." THE ENTIRE UNIVERSITY HAD BECOME A CANTONMENT, IN NEARLY ALL PICTURES MEN WERE IN UNIFORM, AND THERE WERE SCENES FROM THE TRENCHES "OVER THERE."

"The privilege of the 1920 Gopher is to commemorate the deeds of Minnesota's soldier sons," appears as an introduction to the pages of pictures of those students who died in action.

The Gopher records that more than 7,500 students, alumni and faculty members had served in the United States forces, the University had furnished a base hospital, and its entire resources were placed at the disposal of the students army training corps.

War Cuts Circulation Alumni Weekly Still Strong

War has cut down circulation of the Minnesota Alumni Weekly but still it maintains its position of third in its group in the United States.

Before December 7, the Weekly was sent to nearly every country in the world. Its present circulation is 11,000.

Partly to compensate for loss of international circulation, but primarily intended for the soldier's recreation, the Weekly is now sent to former University students now in the service. Copies of The Daily and Minnesota Chats are also sent to servicemen.

In a section of the magazine devoted to reader opinion, Gus Cooper, '41 and now a first class private in the Marines, expresses the pleasure of all alumni at Quantico, Va., where he is now stationed at the Marine base, for the recreation provided by the Weekly.

In the latest issue, published February 28, Editor Bill Gibson, '27, discusses censorship in a democracy during war time. He refers readers to the publication "The Press in the Contemporary Scene," edited by two members of the University staff, Malcolm M. Willey, assistant to the president, and Ralph D. Casey, director of the School of Journalism.

U Sends Graduate To Santiago, Chile

The University is doing its part to promote hemisphere solidarity by sending one of its representatives as far South as Santiago, Chile.

Olive Christensen, who finished work for a bachelor of arts degree last fall, has been appointed a primary grade teacher in Santiago college. She was recommended for the position last November.

First scheduled to take a boat from New York, Miss Christensen has now been forced to take a plane from Texas because of war shipping dangers.

Ag Bulletin Released

Necessary pointers for good pastures needed in the emergency milk production program are included in a new Ag Extension service bulletin released last week.

New under-arm Cream Deodorant safely Stops Perspiration



1. Does not rot dresses or men's shirts. Does not irritate skin.
2. No waiting to dry. Can be used right after shaving.
3. Instantly stops perspiration for 1 to 3 days. Removes odor from perspiration.
4. A pure, white, greaseless, stainless vanishing cream.
5. Arrid has been awarded the Approval Seal of the American Institute of Laundering for being harmless to fabrics.

Arrid is the LARGEST SELLING DEODORANT. Try a jar today!

ARRID

At all stores selling toilet goods
39¢ a jar (also in 10¢ and 59¢ jars)

THE TRI PHI SHOP FOR YOUNG MINNESOTANS 3rd floor



"Three's a Charm" in

TRI PHI THREE-PIECE SUITS

\$35

— and this all wool tweed 'long torso' suit with matching boxy coat is a lucky choice

aqua, blue, rose, or beige
9-15—3rd fl.

Maurice L Rothschild

Palace Clothing House



Caps and Gowns ARE READY NOW FOR WINTER GRADUATION

\$1.50 Rental Fee
No Reservations Necessary

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Dayton's University Store

Defense Stamps
Will Help Win

SPRING WEIGHT...

*India Weave Is a
New Style as Well
As a New Fabric*



A few years back Dayton's University Store started a fabric on its way to popularity... that was Bedford Cord.

Here's a newcomer that's destined for similar success... India Weave... a firm, Spring-weight fabric that tailors well and keeps an excellent press. The unusual mixture coloring in this twill-type fabric is a combination heather and covert shade. Varsley styling helps make this Suit outstanding.

\$38.50

**The Wing Toe is in
The Campus Stride**

Dayton's features this perennial Spring favorite in a famous Strate-Eight Shoe... soft Norwegian calf with comfortable construction styled in the popular wing toe.

\$8.95



Dayton's University Store

Defense Stamps
Will Help Win

**Benefit Fund Has 26-Year
Record of Aid to U Employees**

By Bill Caldwell

University employes have had their own insurance company for 26 years and they're pretty proud of it.

For since July, 1916, when the University of Minnesota Employes Mutual Benefit fund was organized, the organization has paid all claims without extra assessment. Now it has a reserve of \$7,000 for future claims.

Some 300 members contribute to the benefit fund, which on death of a 10-year member immediately pays his widow or beneficiary \$150. \$200 if he was a member for 10 years or more.

Before 1916, when an employe died it was customary to pass a hat to help pay his funeral expenses. Deciding this unsatisfactory, a group of employes got together and set up the benefit fund.

They elected Thomas Hickey, retired plumber foreman, as president and Wallace V. Blomquist, assistant supervising engineer, as secretary. Both have held the same position for 26 years, although the treasurer's post has changed hands several times. C. C. Willmert, senior mechanical foreman, is now treasurer. Officers are elected and a financial statement made at an annual meeting.

Officers do all the work of the organization without pay. "The look of appreciation on a widow's face is reward enough," according to Treasurer Blomquist.

"The benefit fund is especially valuable because it is paid in cash immediately, thus helping out before insurance policies are paid," he said.

Other activities of the organization are a sick committee to visit sick members and a flower fund.

Table Tennis Tricks

Champ to Show-off Here

From bond peddler to entertainer.

That's the success story of Coleman Clark, former United States table tennis champion, who will demonstrate his tricks at 12:30 p.m. tomorrow in the Union ballroom.

Athletic Clark is a 195-pound husky who once played end on Amos Alonzo Stagg's football team at the University of Chicago. With the United States expeditionary forces in France, he also did amateur boxing. To top his athletic honors, he next won the United States table tennis title.

When 1929 ruined his bond business, the champion ditched it permanently for table tennis. After making a bet that he could line up a job putting on table tennis shows professionally, he got nothing but rebuffs for weeks. But finally, the manager of College Inn in Chicago booked him for a week trial. That trial turned out to be a record-breaking nine months stay.

Later he hit the road for Hollywood where he made a sports short for Pete Smith of MGM.

For his first theater engagement he hired a sports commentator to call score, make gags and keep up a rapid fire de-



Coleman Clark

... From bond peddler

scription of the match. Today Wally Sherwin, who does the commentator's job, can rattle off 300 words a minute.

Among the tricks which he will demonstrate tomorrow are keeping four balls in play simultaneously, catching balls in his mouth and playing tunes on frying pans. Mr Clark spent weeks in department stores testing frying pans in order to collect those with different tones.

He will also play a match against Bob Anderson, California state champion and member of the last United States table tennis Olympic team. Afterwards, he will challenge anyone to a seven point game which he will play seated in a chair. The program will close with a question and answer clinic.

What's Doing

TODAY
12:30 p.m.—University chorus concert, Northrop auditorium, free.
2:30-5:30 p.m.—Record lending library, Union fine arts reception room.
12:30, 1:30 and 2:30 p.m. Newsreel, Northrop auditorium, 6 cents.

Princeton university in the last academic year gave \$170,895 in scholarship grants, the largest sum in the university's history.

Let's Hope

**WLB Recordings
Sent to Contest**

WLB actors breathed a prayer of hope over a package that went to Columbus, Ohio, today. The means for maintaining WLB's national record of fame were in that package—seven recordings of dramatic shows WLB has produced in the last year.

At the convention of the Institute for Education by Radio last year WLB was the only station, educational or commercial, to win three first place awards with its submitted recordings.

This year's recordings were finally finished yesterday. The awards will be made at the opening meeting of the convention the first week in May.

The shows recorded include several School of the Air productions, two original scripts by Phil Gelb, former WLB scriptwriter now in Chicago, and three shows from the tuberculosis series.

Newsreel

- Cameraman Donald
- 'Oscars' Awarded

Donald Duck will appear in "Donald's Camera" at the Newsreel 12:30, 1:30 and 2:30 p.m. in Northrop auditorium today. A Pete Smith short, "Quiz Biz," showing how to test your IQ will be included.

On the news front, the oil tanker R. P. Resor, torpedoed 18 miles off Asbury Park, N. J., blazes to destruction. Two survivors are shown as they are rescued.

Pictures taken during an actual RAF raid show planes carrying out an attack on Nazi-held territory off the French coast.

The spotlight is put on Wendell Willkie as he addresses the dinner of the Academy of Motion Pictures Arts and Sciences congratulating the industry on far-sightedness in war. "Oscars" are awarded to stars Joan Fontaine, Gary Cooper, Mary Astor and Donald Crisp and to producer Darryl Zanuck.

*Personal
Prejudice*

We are showing Garden Books this week.

Remember it may sometimes be the better part of patriotism to let the gardener have the seed who can make the best use of it, with the brightest hope of harvesting a nourishing crop.

And don't plow under all the flowers in favor of carrots. There is value to morale in growing flowers.

This is not to be discouraging you understand... we advocate gardens and books on gardening. There are many excellent ones on the market and they are fun to READ...



Get Your Study Helps
and Reference Aids
This Week...

**Minnesota
Book Store**

GL. 1343



CARGILL EGGS

Hens fed Cargill feed offer you

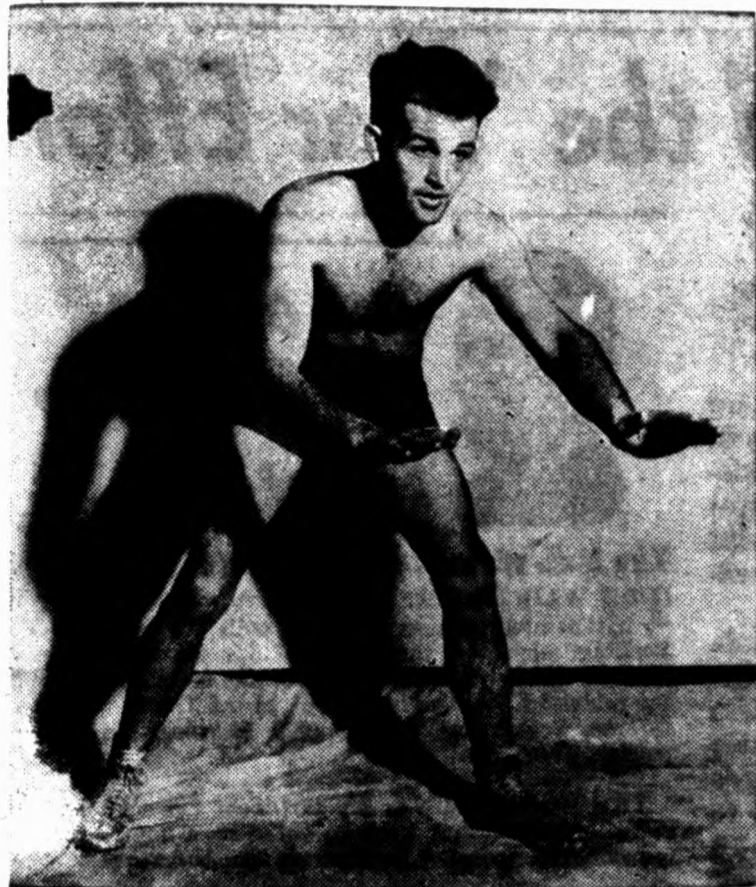
**TOP QUALITY
VITAMIN-RICH
MODERATE PRICED**

FRESH EGGS

FOR A TASTY BREAKFAST, GET
A DOZEN TODAY

830 15TH AVENUE S. E.
Feed Division





George Head
Conference hopes "pinned" on him

Sophomore Matman Is Gopher Mainstay

By Jim Peterson

During the past season five Minnesota wrestlers have been forced off the team through military service or injuries, leaving the team's hopes of defending the Big Ten championship mainly in the hands of sophomores.

George Head is one of these sophomores, being the second high scorer on the team this year. He is sure to play a big part in the championship tournament at Chicago starting Friday afternoon.

Head has wrestled in seven of the nine meets this season, competing in both the 136 and 145-pound divisions, according to where Coach Dave Bartelma thinks he will do the most good. He started out the season in the 145-pound spot but had to turn to the 136 when veteran Jack Morton became eligible.

Now he wrestles in either spot to comply with Bartelma's frequent juggling of the lineup.

But in whatever division he wrestles, Head has proved to be one of the scrappiest men on the team, winning three decisions, two falls and losing twice.

His two falls put him in a tie with Butch Levy for the lead in this category.

Head scored his two falls in the Iowa State meet in the first half of the season and in the Kansas State meet two weeks ago. These are significant in that **THEY WERE THE ONLY FALLS SCORED BY THE MINNESOTA TEAM IN THESE TWO MEETS.**

Throwing the Iowa State man was the best match of his career when it is considered that Leslie Landmesser, Iowa's ace 136-pounder is one of the best in this division in the Big Six conference this year.

Although he didn't wrestle at all in high school, he came to the University in 1939 and placed second in the Northwest AAU 145-pound championships. Last year he only placed third in this event but won the all-University championship in his weight division.

He carries a full schedule every day with his school work and practice sessions in the wrestling room. After this he loads trucks for a local concern, working from 5 to 10 p.m. every evening except Saturdays and Sundays.

He considers this a good job to put him in shape for wrestling besides furnishing him with money for his education. But he has put his education in the background now—or rather Uncle Sam has—for he goes into the army at the end of this quarter.

Loken Will Climax Gym Career Saturday

Newt Loken, Minnesota's greatest gymnast, will compete in Cooke hall for the last time Saturday afternoon as he leads his gym team against defending champion Illinois and powerful Chicago in the Big Ten conference meet.

It will be a colorful climax to the career of the ex-West high school tumbling and diving star who rose to national prominence as Minnesota's gym captain and rooster king.

Eclipsing his previous performances, Loken has piled up an amazing record this year against tough competition. In seven meets he has entered every one of the 38 events; won 26 first places, eight seconds and three thirds. Only once, when he missed a catch on the flying rings at Illinois, did he finish out of the first division.

Two weeks ago Newt led his team to victory over the national champion Illini team in the Northwestern meet, and easily won the class A all-around medal.

Graduating this quarter in physical education, he hopes to join Bernie Bierman's staff at Iowa City as an instructor.

Hauser's Offer Suits Wilkinson

Bud Wilkinson announced from Syracuse yesterday that he is willing to accept Dr. George Hauser's offer of becoming Gopher line coach next fall.

Wilkinson, Minnesota guard and quarterback in 1934-6 and now backfield coach at Syracuse, said he would take the post if the terms of Hauser's proposal were carried out.

Besides being Hauser's assistant, the former Gopher gridder would probably scout Maroon and Gold football opponents.

Six Gopher Coaches Await O.K. on Naval Commissions

Johnson Has Cold; May Miss Mat Meet

Wally Johnson, one of the three lettermen on the mat squad, turned up with a cold yesterday which may keep him from making the trip to Chicago today for the Big Ten meet.

Johnson, 155-pound veteran, was confined in bed at his home. Even if he is permitted to make the trip, his condition will not be up to par. He is one of the two men on the squad that placed in last year's tournament. Last year he placed fourth in the 155-pound championship bouts, while Cliff Perrizo placed second in the 128.

If Johnson is forced to stay out of the season's finale, he will be the sixth veteran grappler on the Gopher squad to leave the team because of military service, injury or ineligibility.

Besides Johnson, the list of casualties includes Butch Levy, national heavyweight champ; Al Janesko, 145-pound Big Ten champ; Frank Wolinski, 121 pounds; Maury Nemer, 136 pounds, and Lloyd Schumacher, 165 pounds.

With Johnson out, Minnesota's chances of defending their Big Ten crown would be lessened considerably.

In the scoring to determine the team champion, the points Johnson

Six University coaches, who plan to enter the navy physical education program, have been interviewed by Major Bernie Bierman, passed their physical examinations and are now waiting for final appointments from Washington, D. C.

They are Dallas Ward, freshman coach; Lloyd Stein, trainer; Dave Bartelma, wrestling coach; Dr. Ralph Piper, gym coach and head of physical education activities, and Dr. Ed Haislet, boxing director.

Assistant Athletic Director Lou Keller said yesterday, "I suspect that these experienced men will get positions as coaches and directors with commissions and that the inexperienced physical education graduates will be chief petty officers."

Chief Petty Officer Don Neer, Minnesota baseball player and graduate of the naval training school at Norfolk, Virginia, was here yesterday on a 10-day leave before taking up his new duties as athletic and moral officer at Norfolk. He will have charge of 1,000 sailors of the North Atlantic patrol.

Neer said that Gene Tunney's six-week training school for physical education graduates had turned out 700 future officers since its founding in June. The 20 Minnesotans have made good records there and all of them now have positions in the service with commissions in view.

would score may mean the difference between victory and defeat for the Gophers since the scores are expected to be rather evenly divided between Illinois, Purdue, Michigan, Iowa and Minnesota, with Illinois having the edge on the championship chances.

Gamma Phis Win Sorority Cage Title

The Gamma Phi Betas won the sorority league basketball championship Monday night by defeating the Alpha Phis, 44-21.

The Alpha Gammas came out second in the tournament.

A playoff game between the Gamma Phi Betas and Sanford hall, winners in the dormitory league, will be held sometime this week. The winners will play the Medics who came out on top in the independent league tournament.

Texas Next Stop For Trackmen

Twenty-one Gopher trackmen will leave by bus March 19 for Austin, Texas, where they will engage the powerful Texas Longhorns in a dual meet, March 24, and participate in the Texas Relays, March 28.

These meets will provide the first outdoor competition of the year for the Gophers. According to Coach Jim Kelly, one of the main reasons for the extended trip is to give the men a chance to get in shape for the outdoor season.

Since both the regional and the final state high school basketball tournaments will be held in the Field house during vacation, track workouts would be greatly restricted by the stands and canvases that are used for the games.

Depending upon their eligibility after winter quarter finals, these are the men who will make the trip: Bob Fitch, Jack DeField, Bob Johnson, Homer Barnett, Art Gill, Joe Hayes, Chuck Hosfield, Jerry Smerda, John Marwin, Frank Adams, Marsh Potter, Oren Steinfeldt, Jim Fitzgerald, Fred Stout, Ralph Pohland, Floyd Foslien, Bob Lund, Ray Milberg, Dick Kelley, Bill Alexander and Bruce James.

U Board of Women Rates Coed Cagers

Women student basketball players were rated Saturday by the Minnesota Board of Women Officials.

Three University coeds received national ratings, out of the 21 women who took the test. They are Betty Swanson, Arts sophomore, Betty McClintock, Arts sophomore, and Marie Hanson, General college senior.

Beatrice Baird, instructor in physical education, is a member of the board.

U Swimmers Leave For Big Ten Tourney

With one of the best records in the team's history, the Minnesota swimming squad left today for the Big Ten conference meet Friday and Saturday at Ann Arbor, Mich.

Five Big Ten victories line the Gophers tally sheet this year and only two teams are listed on the defeat side. These two are Ohio State and Michigan, both rated high nationally.

Coach Niels Thorpe is taking only a small squad of seven to Ann Arbor to protect the Minnesota record.

Three Pioneer Hall Titlists Uncrowned

Three winter quarter Pioneer hall athletic tournament champions have yet to be crowned.

Play in the handball, chess and doubles table tennis tournament are still in full swing.

Handball matches had been held up until recently because of a shortage of rubber handballs. However four new balls were obtained and play has been resumed.

The three undisputed winners of tournaments so far this quarter are House VI in basketball, House VI in swimming and Al Richter in the singles table tennis tournament.

Arnie Elchlepp will be the Gopher headliner in the distance events as usual, while Ray Hakomaki takes charge in the 100-yard dash. After his showing against Michigan last Saturday, Hakomaki is expected to finish high in the finals.

Don Garniss will swim the breast stroke and Bill Ewens the back.

The only newcomer to the conference meet this year will be Diver Vern Ruotsalainen. In practice and in the meets Vern has shown a great improvement and because of this Coach Thorpe expects him to finish near the top.

Leon Lundblad, who will perform in the relay and medley, and Bob Acker are the other members of the seven are man traveling squad.

University Artists Course
NORTHROP AUDITORIUM

HEIFETZ

Monday, March 16, at 8:30 P.M.

TICKETS \$1.10 TO \$3.30

On Sale at 109 Northrop, Downtown Ticket Office and Field Schlick, St. Paul

Students Show They Can Aid the War Effort

FRATERNITY MEN AT Ohio Wesleyan university are still giving their girls corsages at formal dances in spite of the war, but the corsages are made of defense stamps. The men have found that a red ten-cent defense stamp goes well with the girls' white, black and blue gowns; the blue fifty-cent stamp is fitting with a yellow, white or red formal; the \$1.00 gray stamp is suitable with formals of any color, and the \$5.00 brown stamp is a good decoration for green, white and pink dresses.

By giving corsages made of defense stamps, Ohio Wesleyan men have made sure that their war time entertainment expense reductions will be diverted to a direct help to the war effort. Many campuses have designed fairly comprehensive war time programs to reduce non-essential college expenditures. The result is that much of what is "collitch life"

in a gilded era is shorn from colleges today. Fewer formal dances are being held, high-powered publicity is a thing of the past, and expensive trimmings are being abandoned.

Such reductions in the college program are good, but probably too many miss the mark. To gain maximum benefit from expense reductions the money saved should be put to active war use. The Ohio Wesleyan corsage is an idea allowing no detour of dollars from one non-essential expenditure to another.

The senior class of the University of Wisconsin is planning now for its tenth class reunion in 1952. To finance the get-together, part of the class treasury is going to be invested in United States defense bonds. The \$487.50 invested in defense bonds now will bring a neat profit of \$162.50 to the class when the bonds are redeemed in 10 years, and at the same time makes it possible for Uncle Sam to buy 25,000 .45 caliber cartridges with the funds.

Pi Kappa Alpha fraternity at Howard college, Birmingham, Alabama, sponsored a bond rally at which \$200 in defense bonds were purchased with money that otherwise would have been spent on a dance. That \$200 will buy forty steel helmets for American soldiers.

After this war is over there will be nobody who can say, we hope, that college and university students didn't do their full share.



Out of the Frying Pan

By Russ Roth

The Newsfronts of the World

THE WAR FRONT: Paul Pole, former University nutrition student now training with the army at Fort Snelling, absorbed the recoil of his Garand automatic rifle yesterday (Pole is 7 feet tall and weighs 34 pounds). By midnight, he had not been heard from. Today the Officers Scotch and Mashie club is using the hole for putting practice.

THE HOME FRONT: My girl went down to the army recruiting office last week to enlist as a bomb. She was immediately accepted because of her bullet-head.

THE MUSIC FRONT: Dave Disgve, campus swing critic, has discovered a new chord progression. It goes from Harry's to Shiek's, and then there is a three-bar rest.

THE BOOK FRONT: One of the best-sellers of recent weeks is "Low Man in a Crowded Bathtub." Written by Oliver Palmuoy, himself a bathless ascetic, it is the story of soap and how it came to be. How Palmuoy came to be committed, lathered and raging, the day after his book was released, was not revealed.

THE POETRY FRONT: A DISILLUSIONED IDEALIST

By Betty Alexander
I saw a vase upon a shelf,
A shelf a 'way up high,
I dreamed of lovely contents
That money could not buy.

I never looked into the vase,
I knew its loveliness,
Until, one day, the vase fell down
In shattered emptiness.

THE WOLF FRONT: Owing to the present man shortage an additional bounty was placed recently on wolves. But this one can be collected by the wolves themselves. Apply at any sorority house.

THE AD FRONT: Emmmm! Esssss! There's nothing so dismal as Max Shulman.



The Daily welcomes contributions to "The Back Fence," but reserves the right to edit letters and restrict their length to 250 words. Letters without signatures cannot be printed, and requests that signatures be withheld can be given no consideration.

Defends Chamberlin's Speech

To the Editor:

Would Gunhild Bjorklund tell me which of William Henry Chamberlin's factual and objective statements were "subtle and insidious slander?" Mr Bjorklund throws some acid remarks at the last Convocation speaker, but remains well within the bounds of generalities, not mentioning one of the purported falsifications.

Does Mr Bjorklund mean the speaker's statement that Radek, Kamenev, Zinoviev, Trotsky and other spiritual leaders of the Communist revolution died by order of Stalin? Has he information to the contrary that they all died a natural death, as Hitler's generals are dying now? Or does Mr Bjorklund mean Mr Chamberlin's statement that the collectivization of Russian agriculture and the Five Year plan caused a great deal of suffering to the population? It should be noted that Mr Chamberlin didn't pass any judgment on these experiments, but only told us the facts.

I spent most of my life in Soviet Russia, and listening to Mr Chamberlin last Thursday, I was glad that the students on our campus are given such a correct, unprejudiced picture of conditions in the Soviet Union, our great ally in this war.

Mr Bjorklund seems to believe that we have a better chance to win the war if we are told how good, pure and innocent the Communists are. Well, they aren't. For that matter, no politics is made by purity and innocence. And we know that, too. So it's just as well to tell the truth. The people of Soviet Russia dislike many things in our country and Great Britain — still they accept us gladly as allies. Why can't we do the same.

But then Mr Bjorklund is chairman of the Young Communists League of Minnesota, and perhaps knows more about conditions in Russia than I do. Communists at a distance of 4-5,000 miles from Russia always seem to know more than people who were or are there.

Dan Hanukajev,
Arts junior.

Music

Stokowski Made Public Like Bach

By Arnold Rosenberg

THERE IS A LOT OF nose-thumbing whenever Bach and Stokowski are mentioned in the same breath. As a matter of fact, it actually sends cold chills down the spines of the purists. If it weren't for Leopold Stokowski, however, there would not be the present reawakening of interest in Bach's music. Now, this interest is not just in the orchestral transcriptions, but these transcriptions have made their listeners curious enough to listen to the originals by Bach.

To many, Bach has meant a lot of meaningless counterpoint with few pleasant moments. His organ music, too, seemed heavy for them to enjoy. Many of these organ works are religious in character which is another reason so many listeners shy away from Bach.

Just how many people knew the "Tocatta and Fugue in D minor" or the two "Fugues in G minor" until Stokowski took hold of them and molded them into gigantic orchestral pieces—in a manner which the public likes?

Granted, many of his transcriptions are over opulent and dramatic and bear too many earmarks of the conductor, but most of them are true masterpieces of orchestration.

Most of these transcriptions have been put into permanent form on phonograph-records, many of which are technically perfect. Since the great sales began for these Stokowski-Bach records, almost all the piano and organ works by Bach have been recorded in the original and have enjoyed popular demand.

Among Stokowski's best transcriptions from the organ literature are "Two Fugues in G minor," "Crist Lag in Todesanden" and "Hertzlich Thut Mich Verlangen."

For magnificent playing—but more Stokowski than Bach—listen to the "Chaconne" from "Partita No. 2 for unaccompanied violin." A Bach piece which Leopold Stokowski and the Philadelphia orchestra play in its original form is the "Sinfonia" from "Christmas Oratorio."

"Komme Susser Tod" has probably received the most sympathetic treatment of all the orchestrations by Dr Stokowski. "Es ist Vollbracht" from "St. John's Passion" has been a best seller, and rightly so.

Many of Bach's piano and organ works, just as Beethoven's "Hammerklavier Sonata" or his "Grosse Fugue," are too mighty for even the greatest artist. But through Stokowski's patient hands, they have had their rebirth of popularity.

Platter Patter

By Dick Adams

"Somebody Else Is Taking My Place"—Claude Thornehill
Columbia

This record is just average Thornehill until the last half of the vocal when Two Pairs of Pairs start the swing moving.

At the end of the vocal a loud broken brass figure interrupts for two bars followed by solo tenor which has ideas, tone and feeling and is backed by subtle yet powerful rhythm. The effect created by the change from choppy to subtle rhythm greatly heightens the record which I would class as one of the five best of the year.

Platter partner is "Ya-Lu-Blu" in which clean, well-phrased, piano background steals honors from a simple yet big-sounding arrangement. The vocal is well done by Lillian Lane.

"Everybody's Making Money But Tschakowsky"—Les Brown—Okeh

This was the most popular arrangement with the members of the Les Brown band when it appeared at the Prom a few weeks ago. Besides the tune itself, there are five Tschakowsky themes utilized in this arrangement.

The record is brassy-loud with a very nice touch of muted trumpet. "Hereafter," a nice tune, is on the underside, but vocalist, Ralph Young, has made too much of his singing technique and too little of the meaning.

Artie Shaw records two very danceable arrangements, "Not Mine" and "Absent Minded Moon," in good taste and with touches of effortless if not brilliant clarinet. Though not overly loud, the sides are rhythmic and are well sung by Fredda Gibson, Shaw's new vocalist.

40 Per Cent Believe . . .

We Fight to Save Democracy

Four out of 10 college students believe that we are fighting this war for the reason usually given for fighting World War I—to preserve democracy—the Student Opinion Surveys of America shows today.

Eighteen per cent believe we are fighting primarily to defeat the Axis powers.

The question asked was, "What would you say we are fighting for in this war?"

The answers and percentages are:

To preserve democracy	40
To defeat the Axis	18
For economic reasons	10
Self-preservation	9
For England	4
Because of Pearl Harbor	4
For a lasting peace	5
Other reasons or no opinion	10

Individual answers, however, give an even greater

picture of confusion. Many students, especially those listing democracy as the reason for fighting said, "I guess," or "I suppose that's it."

Some said, "We are fighting because of Pearl Harbor; we were forced into it."

One man said, "We are fighting to finish what should have been done in the last war." Note that 10 per cent of the interviewees gave "economic reasons" as their opinion. Of these, many considered Japan's need for the raw materials contained in the East Indies and the United States' determination to preserve them for this country as economic motivation for the war.

