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THE BADGER QUARTERLY

State University
of Wisconsin
News for—



Alumni, Parents
and Citizens
of the State

March, 1942

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Vol. 4, No. 3

U. W. Serves Army, Navy in War Efforts

For the Navy---

A radio code and communication school which will train 1,200 men continuously for the United States navy will be established at the University of Wisconsin beginning April 1, it has been announced jointly by navy officials at the Great Lakes, Ill., naval training station and Pres. C. A. Dykstra of the State University.

The training program begins on the Wisconsin campus on April 1, Pres. Dykstra said, with 300 men beginning work at that time. On the first of each following month, May 1, June 1, and July 1, 300 additional navy trainees will be enrolled in the school, making the total continuing enrollment from them on 1,200 men. Naval trainees from the four naval training stations in the country will be sent to the Wisconsin campus for the specialized training in radio code and communication work.

Under the contract with the navy providing for the school, the University will furnish all teachers and space for teaching plus offices and laboratory space, in addition to the housing and feeding of the navy men, Pres. Dykstra explained. The contract with the navy runs for 15 months, ending June 30, 1943, but may be continued after that time.

The navy will send officers to the campus to handle discipline and physical training of the men, and to correlate the schools work with the University administration and keep the records of the students. Each student will be enrolled in the school for four

(See FOR NAVY Page 3)

For the Army---

An Army Institute of Correspondence Work, to help Uncle Sam's soldiers continue their educational training at the same time that they serve in the nation's armed forces, will be established by the federal government at the University of Wisconsin this spring, Pres. C. A. Dykstra has announced.

The Army Institute at Wisconsin will be the only correspondence school and training center to be established to serve American soldiers in training camps or in expeditionary forces wherever they may be sent throughout the world, Pres. Dykstra said. Both the navy and the air corps are now operating their own correspondence institutes, but the army does not have its own school.

From 20,000 to 70,000 American soldiers are expected to be enrolled in the correspondence courses of study which they will take by mail from the Wisconsin campus, the State University president explained. The Institute will be set up in conjunction with the University's Extension division, which now has a total of more than 20,000 correspondence students scattered throughout state and nation.

Under the agreement providing for the Institute, worked out between the University and the United States War department, the University will provide the faculty and the space to carry on the work of the Institute, while the army will provide the staff for administration and all clerical

(See FOR ARMY Page 3)

Give 45 New, Revised Studies to Aid America's War Efforts

Specially designed to enable students to participate immediately in various phases of America's war program, 45 new modified courses are now being taught at the University of Wisconsin, as a result of preparations made before the beginning of the current semester by a faculty committee on emergency course needs in war times.

Offered in five different colleges and departments of the University, the subjects include 22 special courses designed to meet specific war emergency needs. Translation of French diplomatic, military, and mechanical terms; elementary military German; aircraft power plant principles; first aid, life saving, and physical fitness are some of

Refresher Training Offered to Nurses

A refresher course for inactive graduate nurses will be given by the University of Wisconsin school of nursing at the Wisconsin General hospital in Madison beginning April 6, it was announced recently by Christina C. Murray, director of the school of nursing, and Dr. Harold M. Coon, superintendent of the hospital. Inaugurated in response to the nation's war needs and to help fill the demand for trained nurses in the present national emergency, the refresher course will be in operation for two months. Application for enrollment will be made to Miss Murray at the school of nursing, University of Wisconsin, Madison.

the new subjects being taught to aid undergraduates in preparing for war service.

The colleges of letters and science

(See NEW STUDIES Page 6)

To Be Honored --



DR. HU SHIH

To Honor Three at 89th Graduation

Three world leaders in their respective fields—art, education, and statesmanship—will be honored by the University of Wisconsin at its 89th annual commencement exercises to be held in the field house June 1.

Honorary degrees for the three leaders were voted by the State University Board of Regents meeting in Pres. C. A. Dykstra's office in Bascom hall following a recommendation received from the University faculty. The three leaders and the degrees they will receive at the commencement ceremony are:

Miss Georgia O'Keefe, New York, widely known artist and teacher of art, doctor of literature;

Prof. Edgar E. Robinson, nationally known historian and teacher of Stanford university, doctor of laws; and

Dr. Hu Shih, Washington, D. C., ambassador of China to the United States, doctor of laws.

The two American leaders voted degrees are both products of Wisconsin. Both Miss O'Keefe and Prof. Robinson were born and reared in the state, and received much or all of their education in Wisconsin schools. Prof. Robinson once taught at the State University as an assistant in history.

Dr. Hu is not only known throughout the world as Chinese ambassador to the United States, but also enjoys an international reputation as the foremost philosopher and author of modern China. He is often referred to as "the father of modern Chinese literature."

Following his early educational training in Shanghai, Dr. Hu obtained a Boxer Indemnity scholar-

(See HONOR 3 Page 5)

ROTC Doubles Pace Of Military Training

More than doubling its activities during the past year, the University of Wisconsin Military Science department is now busy training the largest enrollment it has ever had to become officers in the United States army. In addition the department is aiding military and civilian defense training in a dozen other University courses, and a radio communications school.

Biggest job of all for the Reserve Officers Training corps instructors on the University campus is preparing 1,881 cadets for duty with the army. Nearly 100 seniors will receive commissions in June and will go on immediate assignments, and these men are now receiving extra hours of instruction in "refresher" courses to prepare them for war service.

In the refresher work, cadet officers will go over the rudiments of military science they learned

as first, second, and third year cadets. They will review the working of the automatic rifle, the heavy machine gun, the one pound cannon, and the three-inch trench mortar. Twelve cadets will be the instructors in the refresher courses.

Like the rest of the army, Wisconsin's military department has come to life in the past two years, with the passage of the compulsory military training bill by the legislature and coming of war. First mass practice given the corps was last June, when 1,300 cadets turned out for the "Battle of Eagle Heights" which lasted all day west of Madison.

With the opening of school last fall, the enrollment jumped to 1,881 cadets, and preparation for war service began in earnest. The corps, in addition to preparing men through the work outlined in army text books has sought opportunities for branching out. The first ROTC ski patrol in the nation was established shortly before the end of the first semester, and 85 men underwent training in the tactics

(See ROTC Page 2)

A system of "war credits," to aid University of Wisconsin students who enter the armed forces of the United States complete their academic work towards their degrees, is now in effect at the State University after its approval by the faculty at a special meeting held recently.

The plan, which is similar to

(See WAR CREDITS Page 7)

Co-eds Learn Radio Signals



Military-minded University of Wisconsin co-eds are learning to understand and use the dot-dash of radio code from signal corps officers of the University military science department in a special night class organized to train civilian defense forces. Nearly 40 women students are among the 110 civil-

ians mastering the radio operator's key, using the instruments in the University Armory practice room to send messages. Their radio course includes instruction in the army methods of handling radio messages, and in military cryptography, the art of writing and solving messages in secret code.

By direct wire into the auditorium, eight Wisconsin stations broadcast the program as it is being presented by the band at this time. At the same time electrical recordings are being made of the program, and these are then sent to eight other Wisconsin stations for regular weekly broadcast to their listeners.

The series of programs is called

the Wisconsin Music Hall Hour, and it is modeled along the same lines as the Ford Sunday Evening Hour which left the airwaves early this month. Each program presents almost 25 minutes of music, with a five-minute talk by some administrative official or faculty member of the University featured at the half-way mark of the half-hour period.

The program is arranged and directed jointly by Prof. Dvorak and Robert Foss, University publicity director. Once each month, the program is turned over to the Wisconsin Alumni association, with John Berge, alumni secretary, presenting the speaker. Production,

(See RADIO HOUR Page 3)

U. W. Extension Services Make Entire State Part of Campus

Adults in Wisconsin have increasingly realized that education is a life-long process, and the University of Wisconsin is eager to make available to them the best current information on timely problems, Dean Frank O. Holt of the University extension division observed in a recent talk broadcast over 13 Wisconsin radio stations.

"Wisconsin is unique among state universities in the fact that not only does it consider the entire state as its campus, but it makes its services available over the entire state," Dean Holt explained. "Members of the extension division field organization are continuously available to cooperate with individuals or groups who may be benefited by University offerings."

Ten members of the field staff travel upwards of 250,000 miles a year in arranging for University services everywhere in Wisconsin, the dean revealed. During the school year of 1940-41, 18,986 individuals enrolled in courses of study offered through correspondence and organized classes, he said.

"Correspondence courses are available wherever the United States mail reaches. Many courses are taken for college credit, many are non-credit taken to improve an employee's chance for promotion, to prepare oneself for a special job, or for personal satisfaction," Dean Holt remarked.

Over 400 courses are available, and no commercial correspondence school offers an equal variety of courses. Because of state subsidy University courses cost less than



DEAN HOLT Members of the extension division field organization are continuously available to cooperate with individuals or groups who may be benefited by University offerings."

half the charge made for commercial correspondence courses, Dean Holt declared.

Classes for freshman and sophomore credit, taught by itinerant members of the faculty, are conducted in 18 cities outside of Milwaukee, Dean Holt said. Milwaukee is served by the Extension division at a six-story downtown building, where the first two years of the degree course in letters and science and in engineering are offered.

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Classes have been organized for teachers in service who desire University credit. The division has developed an expanding service of visual instruction during past years, the dean reported. "Last year over 18,000 reels of educational pictures were sent over the state and more than 1,250,000 people were entertained and enlightened by them."

"In an ever more complex society, adults recognize the difficulty of keeping abreast of social, economic, and political problems,"

Dean Holt declared. "Our staff of sociologists, economists, and political scientists, trained as scholars and with additional ability as effective interpreters, are regularly traveling the state to bring adult groups information and interpretations which will result in intelligent understanding of major issues."

"At present we are offering our facilities and organization to the federal government and we have begun and will expand a program of defense activities tied into the nation's all-out program to win the war," Dean Holt concluded.

A few positions as resident counselor in women's dormitories are open to properly qualified graduate women. No cash payment is made, but room and board are remitted. Requirements: Wide academic interests plus a substantial field of concentration, good health and personality, age about twenty-five. For more detailed information, consult the Dean of Women, 100 Lathrop Hall, Madison, Wisconsin.

Latest field maneuver was erection of a bridge across the Yahara river in Madison, a practice problem arranged for cadets of the engineers' corps. And as the college

Class of '92 to Join $\frac{1}{2}$ Century Club May 30

The Half-Century club, composed of alumni who have been graduated from the University for fifty years or more, will induct the members of the Class of 1892 into their organization as a special luncheon meeting on Alumni Day next May 30.

The Half-Century club was organized last year under the sponsorship of the Alumni Association. At this initial meeting, an overflow crowd of more than 125 attended. The members of the Class of 1891 were "initiated" at that time. At these ceremonies the members of the fiftieth anniversary class are given special Golden Jubilee certificates by the Alumni Association. The University tends a luncheon to those who attend.

Former Dean Harry L. Russell, '88, is president of the club. Other officers are Dr. Edward H. Ochsner, '91, of Chicago, vice-president, and Miss Sophia M. Briggs, '88, Madison, secretary. The purpose of the Half-Century club, according to the constitution, is "to promote fellowship among the veteran alumni of the University, and to function as an auxiliary organization of the Alumni Association in handling reunion activities".

Women's Counselor Positions Open

A few positions as resident counselor in women's dormitories are open to properly qualified graduate women. No cash payment is made, but room and board are remitted. Requirements: Wide academic interests plus a substantial field of concentration, good health and personality, age about twenty-five. For more detailed information, consult the Dean of Women, 100 Lathrop Hall, Madison, Wisconsin.

R.O.T.C. --

(Continued from Page 1)

of snow warfare.

Because of the intense interest in the daily war picture, cadets are keeping up to date with military maps of the theaters of war, changing them according to the latest communiques to have an accurate picture of the war situation.

The department has offered its services in civilian defense training, with courses for men and women in army radio communications, instruction for civilian officers in chemical warfare defense, and rifle marksmanship classes. Over 110 men and women are learning the army's methods in radio work under signal corps officers in night classes.

Within the University classrooms, military science instructors are aiding 12 departments presenting courses created for or adapted to wartime needs. Col. H. H. Lewis, commandant of the ROTC, is to lecture on army public relations in a special journalism course. Maj. Frankly Clarke will speak to students in a military law class. Other military science instructors will speak to medical students on chemical warfare, to physical education classes on army methods, to student geologists on aerial photography, and to geographers on army map making.

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Student engineers in a course in mechanics will hear officers from the engineers' corps discuss demolitions. Electrical engineers will learn about army radio communications from signal corps officers.

Latest field maneuver was erection of a bridge across the Yahara river in Madison, a practice problem arranged for cadets of the engineers' corps. And as the college

Add 28 Teachers to Summer Staff

Twenty-eight lecturers from other schools all over the nation, many of them nationally known for their work in education, will come to the University of Wisconsin next summer to teach in the 44th annual summer session of the State University.

The lecturers from other schools will be added to the Wisconsin summer school teaching staff of close to 300 State University faculty members teaching the hundreds of courses offered in this year's summer session.

The 1942 Wisconsin summer school will open with registration on June 27, and first classes on June 30. The six-week session ends Aug. 7. An eight-week session for graduate students and qualified undergraduates will continue until Aug. 21, while the Law school 14-week session begins June 1 and ends Sept. 5.

Bankers to Meet at U.

With talks scheduled on bank investment policy during the present emergency, the United Americas, and the government bond market, bank executives from a parts of Wisconsin are expected to attend the 1942 conference on banking to be held at the University of Wisconsin on April 7. Sponsoring the conference jointly with the University's School of Commerce are the Wisconsin Bankers' Association and the Banking Commission of Wisconsin. Last year the conference was attended by more than 500 Wisconsin banking officials.

Students threw up their assault bridge, they could well imagine they were crossing a stream on one of those far-flung battle fronts they map daily in the armory. For that is where their stepped-up training and their country's needs may take them.

Make 'Tagged Atoms' to Aid Disease Fight

Making substances radioactive, by bombarding them with neutrons at terrific speed, is now being accomplished by University of Wisconsin scientists to provide other State University research men with materials which may be used in investigating certain forms of disease and in other physiological and chemical experiments.

For months a handful of research experts have been studying and experimenting with processes for production and application of what they call "radioactive tracers" in State University laboratories.

The scientists who have been devoting outside-the-classroom time to producing the substances and applying them in experiments include Dr. J. L. McKibben and David Firsich of the physics department Prof. N. F. Hall, Truman Kohman, Dr. Enoch Johnson, Dr. John E. Willard, Edward G. Bohlman, Leslie B. Seely, W. U. Day, and Almy D. Coggeshall of the chemistry department; Dr. Paul Neilson of the anatomy department; Prof. B. M. Duggar and Dr. Herbert Dutton of the biology department, and Dr. H. P. Rusch of the cancer research laboratories.

Production of the radioactive elements is accomplished in the University atom-smashing laboratory on the campus, through use of a type of electro-static generator developed by Prof. Raymond Herb. This machine is housed in a steel tank 14 feet long. Within the tank, under eight times normal air pressure, the generator builds up an electrical potential of about 1,850,000 volts. This voltage is used to impart a high speed to deuterons, which are nuclei of heavy hydrogen atoms.

These deuterons strike a beryllium or lithium target, which, upon bombardment, releases neutrons which literally bounce about in space as they hit nuclei of other atoms. As these neutrons bump into another substance, that substance may become radioactive. When they become radioactive, elements take on temporarily some of the qualities usually associated with radium. Thus far, the Wisconsin scientists have made radioactive a number of substances, including cobalt, nickel, copper, phosphorous, and bromine.

Once the elements are tagged by

decay, the iron atoms emit electrons and return to their original form, cobalt.

In the Wisconsin machine, elements being made radioactive are hung under water close to the end of a long tube which leads from the generator to a large wooden water-filled tank. The target, source of the neutrons, is mounted at the end of the tube, and when the beam of deuteron "bullets" is shot down the tube and hits the target, the resulting neutrons shoot out and hit the substances hung in the water.

The 350 gallons of water in the tank prevent powerful neutrons from penetrating out into the scientists' working quarters and causing possible injury to the men working with the machine. In a like manner, one side of the machine along which the operators must walk is shielded with lead sheets and five-gallon tins of water to prevent stray X-rays generated within from coming out and harming the men.

Since neutrons have a long range of penetration, it has been found that higher yields of the radio elements are obtained by using large quantities of the material.

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Aid Cancer Study --



DR. H. P. RUSCH

being treated, in solid or dissolved form. One of the first and most difficult problems confronting the research men is getting the radioactive elements out of the solutions or solids from which they were formed during bombardment. This separation of small amounts of radioactive elements from large amounts of material hung about the target requires variations from the ordinary analytical procedures, or development of entirely new ones.

The radioactive element most often made in the machine is phosphorus, obtained from carbon disulfide hung in the tank. When the carbon disulfide has been irradiated long enough, the chemists distill off the carbon disulfide, leaving radioactive phosphorus behind. This is converted chemically into a compound which can be injected into animals or fed to plants.

The "tracer" characteristic means that because of their radioactivity, phosphorus or other atoms can be followed through plants and animals, revealing mechanisms of physiological processes. The tracing is done by means of a "Geiger counter", a sensitive gas-filled tube which detects passage of individual electrons given off by the radioactive atoms as they disintegrate. These electrons, known as "beta rays", cause the counter to discharge, and by counting these discharges scientists have a quantitative measurement of the amount of the radioactive substance present. Counting is done by a mechanical recorder.

Thus far, the radioactive substances have been used in experiments in the anatomy, biology, chemistry, physics, and cancer research laboratories of the State University. As techniques for preparing additional radioactive elements are worked out, other departments may begin to use them.

Among the problems being tackled with the assistance of the "tagged atoms" is one in the chemistry department to determine the ease with which complex chemical compounds exchange their metallic atoms, showing

Trace Atoms --



TRUMAN KOHMAN

the strength and type of chemical bonds. In another test, radioactive bromine is being used to determine the fundamental nature of chemical reactions.

In the anatomy department, atoms tagged by radioactivity have tested the ability of phosphorus compounds to penetrate the membrane of the placenta in animals. At the cancer research laboratory experimenters are studying cancer in rats with the aid of the phosphorus tracers. Work already has shown that the cancer cells are more active than corresponding cells, since they take up more radioactive phosphorus. It is hoped that further experiments will show additional peculiarities of cancer metabolism.

In botany, the permeability of cell walls to ions is being studied.

And one of the most important developments of the work may concern the electro-static generator itself. Work already completed has shown, the scientists feel, that the electrostatic generator has good potentialities for producing all types of radioactive tracers, and that the more familiar device for that purpose, the cyclotron, is not the only instrument suitable for that purpose. Hence, although most work in radioactivation has been done elsewhere by means of the cyclotron, work with the Wisconsin machine may result in the providing of a less expensive system, which requires less attention in operation.

U.W. Student Engineers Span Yahara River



School Year's Length Is Cut for Emergency

Revised calendars for the 1942-43 and 1943-44 school years, saving from three weeks to a month's time in each of two school terms, were unanimously adopted by the University of Wisconsin faculty at its February meeting.

The abbreviated calendars do not shorten the actual teaching and class work periods for either of the two years, but make up the saving in time during the two school years by reducing the length of vacation periods and examination and registration periods. The University continues on the semester system under the revised calendar.

Action of the faculty in reducing the University's calendars for the next two years is in line with earlier faculty action taken in December, cutting three weeks' time from this year's school term to release students earlier from their studies for national service or for work on farms and in factories.

Following are the revised calendars for the net two school years:

1942-43	1943-44
Sept. 14, 15 (MT)	Sept. 13, 14
Register 1st year and new students	
Sept. 16-19 (W-S)	Sept. 15-18
Register continuing students	
Sept. 21 (m)	Sept. 20
Classes begin	
Nov. 26	Nov. 25
Thanksgiving	
Dec. 23-Jan. 4 (WM)	Dec. 23-Jan. 3
Christmas Recess	
Jan. 5-9 (M-S)	Jan. 4-8
Pre-registration—2nd Semester	
Jan. 18-23 (M-S)	Jan. 17-22
Examinations	
Jan. 26 (Tu)	Jan. 25
Registration new students	
Jan. 27 (W)	Jan. 26
Classes begin	
April 15-18 (Th-Sun)	April 13-16
Spring Recess	
May 19-25 (W-T)	May 17-23
Examinations	
May 29 (Sat.)	May 26 (Sat.)
Commencement	

Pan-American Meet to Be Held at UW

Eight district finalists representing six midwest states in the National Extempore-Discussion contest in Inter-American affairs will compete in a regional contest at the University of Wisconsin April 14 to select an entrant for the national finals in Washington, D. C., May 14, it was announced recently by the University speech department.

Students in universities and colleges all over the nation have been competing in local, district, and regional meetings since February in the contest, to select six national finalists who may be conducted on a tour of other American republics at the conclusion of the contest by the Office of the Co-ordinator of Inter-American affairs of the Federal government.

The contest, aimed at fostering and improving Inter-American affairs, "contributes to hemispheric solidarity," its sponsors declare. Two students from each district in this region, comprised of central Illinois, northern Illinois, Iowa,

Under simulated battle conditions, denim-clad Reserve Officers Training corps engineers from the University of Wisconsin span the Yahara river in Madison with a sturdy pontoon bridge in less than a half an hour in a practice maneuver.

In the left picture above, a squad carries sections of the light balsam-wood span to the river bank and sets the first pontoon and section in the water. The center picture shows the bridge half-way com-

pleted, and in the picture at the right, an attack squad rushes across the completed structure.

As the bridge was being built, two cadets wearing hip boots stood hip deep in the water while others clamped the sections together. Four spans were lashed across the stream, and rope hand rails were fastened along the sides after the bridge had been made fast to each bank.

The bridge was built as part of the ROTC training on the campus at the University of Wisconsin.

For Army---

(Continued from Page 1)

help needed.

Under the plans for the Institute, the University teaching staff will not only handle the correspondence study work with the student-soldiers at the start, but will also train army people to handle this work so that eventually the army will develop its own Institute on the basis of the work and training done at Wisconsin.

Under a law passed by the last legislature, the State University is already serving Wisconsin citizens in the armed forces of the United States with correspondence study courses. Already the enrollment of soldiers, sailors, marines, and flyers from Wisconsin in these courses of study has reached a total of 592 men, Dean F. O. Holt of the Extension division revealed today. These men are now stationed in training camps throughout the United States, in Iceland, in Alaska, and just a few days ago a request came in from one of the Wisconsin men in the first expeditionary force which reached northern Ireland only a short time ago.

The Army Institute constitutes the second large-scale service which the University of Wisconsin has contracted with the federal government to carry on for the armed forces within the past few weeks. Late in February, it was announced that the U. S. navy would establish a radio code and communications school on the Wisconsin campus, to start on April 1. This school will provide for the training of 1,200 navy men in radio code and communications work.

Serves Nation --

(Continued from Page 1)

major generals was contained in this special section of the magazine. The Association plans to continue to publish this feature in each issue of the Alumnus for the duration of the war.

In an introduction to this section of the magazine, John Birge, executive secretary of the Alumni Association, paid tribute to the fine job these men are doing and pledged the full support of the Alumni Association and the general alumni body to the efforts of these alumni who are actively engaged in this great war.

Other features of the February alumnus included an interesting continuation of the series concerning Badger alumnae. Margaret Snyder, '41, script writer at WHA, told the story of Miss Sarah Davidson, '03, director of Hillcrest School for Girls at Beaver Dam, and Dr. Elizabeth McCoy, '25, whose studies of anaerobic bacteria have assumed more important proportions in the nation's defense efforts.

Harry A. Bullis, '17, executive

For Navy---

(Continued from Page 1)

months, with the University staff teaching theory, translation of codes, and operation of code machines and typewriters.

The school at Wisconsin will be the first of its kind to be conducted on a University campus in the United States. The navy has been experimenting with such a school at Indianapolis, Ind., under its own direction where it now has 500 trainees enrolled in similar work.

The first contingent of 300 student trainees here will be housed temporarily in the short course dormitories on the campus, Pres. Dykstra revealed. With the co-operation of state officials, it is hoped to get the dormitory rooms underneath Camp Randall football stadium ready for the next contingent of 300 students on May 1. The men coming to the school on June 1 and July 1 will be housed in one of the groups of men's dormitories on the shore of Lake Mendota. After July 1, the entire enrollment of 1,200 men will be housed in the stadium and University dormitories, Pres. Dykstra stated.

"The University is enthusiastic about this naval educational program, to be conducted under our own auspices," he said. "It is one more way in which we can help our nation in its great war effort."

Awarded Medal



PROF. HELEN WHITE

Prof. Helen White, member of the University of Wisconsin English department, was recently awarded the Laetare medal by Notre Dame university for "a life devoted to the things of the mind and the spirit." Noted author and teacher, Prof. White is the 13th woman to receive the medal in 60 years.

vice-president of General Mills, issued a stirring appeal to alumni for their support of the Association's program of helping the men in the service. A large amount of University, class, and club news completed the issue.

Radio Hour --

(Continued from Page 1)

announcing, and recording of the program is done by members of the University radio station WHA staff, Gerry Bartell, Roy Vogelman, and Jack Stiehl.

Speakers who have appeared on the program thus far this year include: Pres. C. A. Dykstra, Deans Lloyd K. Garrison, F. Ellis Johnson; Dr. W. D. Stovall, director of the laboratory of hygiene at the University; Don Halvorson, director of the University's residence halls; and Burleigh Jacobs, president of this year's senior class.

The entire program is designed to bring citizens of Wisconsin entertainment, news, and information from the campus of their own state University in Madison. Most of the speakers on the program stress information on the public services which their University departments and divisions conduct for Wisconsin citizens.

Wisconsin radio stations which are cooperating with their State University in carrying the program and the times at which they broadcast it follow:

Stations WCLQ, Janesville; KFIZ, Fond du Lac; WHBL, Sheboygan; WHBY, Appleton; WFHR, Wisconsin Rapids; WSAU, Wausau; WIBA, Madison, and WIBU, Poyntette, all carrying the program at 4:30 p. m. Tuesdays; WHA, Madison, 4:30 p. m. on Wednesdays; WJMC, Rice Lake, 5:30 p. m. Sundays; WOMT, Manitowoc, 6:30 p. m. Saturdays; WLBL, Stevens Point, 2:45 p. m. Saturdays; WEAU, Eau Claire, 4:30 p. m. Sundays; WMAM, Marinette, 5 p. m. Thursdays; WOSH, Oshkosh, 7:15 p. m. Mondays; and WATW, Ashland, 3:30 p. m. Sundays.

The present list of service alumni is probably not complete. The Alumni Association urgently requests that all alumni notify its office of names of men and women who are in the military service so that they, too, can be sent these complimentary services.

Nurses on active duty with the military forces are also eligible to receive the publications and letters.

Anti-Sabotage Course

To aid in the detection of saboteurs in defense industries, the University of Wisconsin chemistry department is incorporating sabotage work in its course in the use of scientific methods in the de-

Many Letters, Magazines Go to Service Men

More than 5,000 free magazines and news letters have been mailed to Wisconsin alumni in military service by the Wisconsin Alumni Association since November 1, according to an announcement made recently by John Berge, executive secretary of the Association.

During February the men in the armed forces received free copies of THE WISCONSIN ALUMNUS and the second edition of the special service news bulletin. In addition, approximately 1,000 copies of a special edition of THE DAILY CARDINAL were mailed to all men on the military service list. The Senior Council paid for the printing of these special copies and the Alumni Association paid for the addressing and mailing costs.

Copies of THE BADGER QUARTERLY, special camp directories, and special requested information are mailed to all service men who request them. No charge is made for any of these services. The Alumni Association believes that this is but one of the means whereby it can be of service to those Wisconsin alumni who are fighting in this war.

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tection of criminals this semester. The course is conducted by Prof. J. H. Mathews, director of the course in chemistry and well-known crime detection expert.

Keep 'Em FLYING!



More than 1000 alumni in the armed forces are receiving complimentary copies of THE WISCONSIN ALUMNUS and special service news letters. The Alumni Association is attempting to do its part for national defense. The boys in the service like this courtesy. They've said so. But the job is becoming mighty expensive. The Association needs more money to finance it. Your membership will help carry the load. If not now a member of the Alumni Association, use the blank below to join. Do this today. Let's all help to keep 'em flying.

The Wisconsin Alumni Association
770 Langdon Street
Madison, Wis.

I want to do my part toward helping the Wisconsin alumni in the nation's service. Enroll me as a member of the Alumni Association and bill me for the regular dues: \$4 a year.*

Name Class

Address State

City State

(*If you are a member of one of the last five classes, '37 to '41, the membership fee is \$2.)

Classes Issue Calls for Annual Reunions

Prior to the surprise attack on Pearl Harbor, there had been little question of the propriety or desirability of holding class reunions this year. After America's entry into the war, however, reunion chairman and class officers considered seriously the advisability of eliminating reunions from the 1942 schedule. After due consideration by all parties concerned, the decision was reached that class reunions should be staged this year, even though some curtailments would be made.

The consensus of opinion seemed to be that reunions would be a proper contribution to national morale and that the 1942 reunions might, especially for the members of the younger classes, be the last opportunity for many alumni to get together with their friends and classmates before joining the growing army of men serving overseas.

Fully cognizant of the seriousness of our national emergency, but maintaining that even in these days class reunions can be of no little aid in keeping up the morale of the people back home, the reunion chairmen and class officers have issued the following notices of their May 30 reunions:

'92's Golden Jubilee

Members of 1892 will come from all corners of the United States to join in the celebration of our Fiftieth Anniversary Reunion — the Golden Jubilee of our graduation from the University.

Madison members of the class have already had one meeting to discuss plans and procedures. One letter has already been mailed to the class membership. Other letters will follow shortly. At future meetings of the Madison group, definite plans will be made for activities on Friday, Saturday and Sunday of the Reunion Weekend. These plans will be announced by letter and also in the columns of this paper.

The University will tender us a luncheon on Saturday noon, May 30, at which time the members of the Half Century club will initiate us into their group and the Alumni Association will present us with our special Golden Jubilee Certificates.

We here in Madison hope that all of you will make every effort to attend.

GEORGE LANDGRAFF, Chairman, Madison Committee '97's 45th Reunion

Fred H. Clausen and Walter Alexander have declared their intention to entertain at luncheon Saturday noon, May 30th, all members of their class together with their mates. The time and place, 12:30 noon at the Memorial Union.

They asked the Editor to give this advance notice with the expectation that there will be a liberal response when the personal invitations are mailed.

17's Silver Jubilee

Twenty-five years ago, scores of members of the Class of 1917 left their class work incomplete and enlisted in the great battle to fight in World War I. Members of the Senior Class at the University today are doing the same thing.

A lot has happened in those intervening 25 years. The lives of all of us have been in a constant state of flux. Our class is going to reunite this May 30th to celebrate the Commencement of 1917, our Silver Anniversary of graduation. There will be much to talk about, the World War of '17 and '18, our children who are now in the university, old campus events, what we have been doing for the past dozen or so years. Let's all come back and join in the fun.

The Madison committee has already had one meeting and is planning on more in the weeks to come. Our big decision is to have another of our ever-delightful luncheons at the home of Eleanor Ramsay Conlon in Maple Bluff. Those who have been back know what fun these are. More later.

OS FOX, President

'02's 40th Anniversary

The Class of 1902 won't be caught napping in the pre-reunion

of plans for our Fortieth Anniversary Reunion. Late in February the following members of the class gathered to discuss preliminary plans and officially to start the ball rolling: Ella Esch Faville, Agnes Merrill Scott, Florence Ramsey, Ruth Schempf, Marie Hinckley Mabbett, Walter Mabbett, Frank Swoboda, and Fred O. Leiser.

Letters will be sent to all members of the class in a short time, informing them of the plans for the May 30th reunion. Our headquarters will be in the Memorial Union. On Saturday, May 30, Madison members of the class will be on hand from 9 to 12 to welcome their out-of-town classmates. The entire group will lunch at some place to be announced later. It is contemplated also to take the runners for an old-fashioned boat ride on Lake Mendota. The evening will be given over to the Alumni Dinner and the Reunion program in the Union theater.

Some of the older faculty members who were intimately associated with the class as outstanding teachers will be invited to be our guests during the reunion.

F. O. LEISER, General Chairman

'26 Joins Dix Group

Members of the Class of 1926 will take part in their third class reunion this year. Joining with the classes of 1924, 1925, and 1927 under the Dix Plan of class reunions, '26 will attempt to get an all-out attendance at the Memorial Day reunions on May 30.

Detailed plans for the reunion weekend will be completed with the representatives of the other three classes during the next few weeks. Announcement of these plans will be made through the pages of this newspaper, The Wisconsin Alumnus, the Commencement invitations, and special letters to the members of the class.

Watch for future developments. Plan now to attend.

BILL SARLES, Chairman

Big Ten Leading Scorers



MARLIN "PAT" HARDER



JOHN KOTZ

One has to search the records for a long time to find a year when two students from the same school have won the Big Ten individual scoring titles in both football and basketball in the same year but the two Wisconsin athletes pictured above turned the trick this year.

Pat Harder wrote his name indelibly in Badger athletic records last fall when he scored 51 points against what is supposed to be the nation's toughest gridiron competition, Saturday after Saturday. The Milwaukee sophomore still has two more years to keep up his Herculean football antics.

John Kotz joined Harder among Badger athletic immortals with the close of the present Western Conference basketball season when he

1907 Makes Plans

The Class of 1907 has not received any class reunion letters but we here in Madison have been talking over plans. Of course, there is the rubber shortage and a good-sized war under way which puts a damper on class reunions. The local committee will probably decide to cut out fancy hats, etc., but can arrange a breakfast at the Memorial Union on Saturday morning, May 30, followed by a boat ride on Mendota, and lunch in paper boxes on the boat, assuming that we can get some gasoline, for the boat. The alumni dinner, of course, is that evening.

Zillah Bagley Evjue has consented to help me write the first letter, George Wagner has some money in the treasury to pay the postage, so you can look for some reunion news someday.

J. H. COE, Chairman

20 Years Out for '22

Did life really begin at forty? Don't try to kid about your age, because we know we're all on the far side of 40 by now. And we'll all get together for our fourth reunion this May 30th to see how being "fat and forty-ish" has treated all of us.

Those of you who came back for our first three reunions will recall the good times we had then. This time, our 20th anniversary of graduation, we should have the best time of all. Within the next few weeks a committee of the Madison members of the class will get together to draw up plans for an interesting weekend.

In the meantime, contact some of your friends in '22 and arrange for a reunion with them back here on the Campus on May 30.

GUY SUNDT

1912 Class Reunion

The class of 1912 will reassemble on May 30 to celebrate its thirtieth anniversary. Twenty-five years ago our reunion was held in the midst of war and many of the boys returned from Fort Sheridan, Camp Grant, and elsewhere, in uniform. Ted Hoyer, Frank Daly, and a host of others who went across, never returned. Again we meet under war conditions, although the years have cut down on the number in active military service.

Commencement is being streamlined and our reunion will follow that pattern. You are assured, however, of ample opportunity to meet and reminisce with old classmates, some of whom you may not have

EARL WHEELER, Chairman

14 Classes Will Hold Campus Reunions May 30

Fourteen classes will return to the University campus on May 30 for what appears to be one of the most successful reunion weekends in some time. The fact that the 1942 reunions will be held on Memorial day is expected to increase the usual attendance and swell the crowd to more than 1,000.

Not to be outdone by the "youngsters", the Class of 1887 will come back this year to celebrate its 55th anniversary of graduation. 1892 will be the honored class as it celebrates the Golden Jubilee reunion. 1917 will probably furnish the largest group of returning alumni with its Silver Anniversary reunion. Other classes planning on returning are 1897, 1902, 1907, 1912, 1922, 1924, 1925, 1926, 1927, 1932, and 1937.

Normally not scheduled for a five-year reunion, 1932 and 1937 will come back this year to make sure they have a good get-together before too many of their members get called into military service. Present plans call for a single meeting of the annual Alumni Institute on Friday night, May 29. At this meeting some prominent alumnus will be the featured speaker. His subject will be in keeping with the times.

Saturday will be completely devoted to alumni and class activities. The Alumni Association meeting will be held in the morning. Noon will find all classes partaking in luncheons on picnics somewhere about the campus. Weather permitting, the Alumni Association will sponsor another delightful dinner on the terrace of the Union on Saturday evening. Last year's dinner was, without doubt, the highspot of the reunion weekend. More than 700 alumni took part in this pleasant experience. Following the dinner, the reuners will gather again in the theater of the Memorial Union for the usual reunion program.

Sunday morning will be left open to the devices of the various reuniting classes. Most, however, will gather at the informal breakfasts on the Union Terrace, where last farewells will be made and many a renewed friendship further cemented.

Baccalaureate services for the Class of 1942 will be held in the Field House on Sunday afternoon and the 89th annual Commencement will take place in the same building on Monday morning.

letter which will be mailed to all members of '32 early in May.

Although we here in Madison can't announce our definite plans at this early date, you members of the class scattered about the country can start making your plans to attend. Even though you aren't driving your car these days, there are plenty of good trains to Madison. There will be plenty of rooms for you, good food, and a lot of fun.

Plan now to come back for our Tenth Anniversary.

JACK KIENITZ, Reunion Chairman

Twenty-Seven Out!

Class of '27 alumni returning for the Memorial Day reunion will find a committee on hand to welcome them and to correlate activities with the other classes which are coming back this year. Definite plans will be made later, but we still have a balance in our reunion fund and you can count on something doing to make the weekend enjoyable. '27 out!

LOWELL FRAUTSCHI, Reunion Chairman pro tem

Faculty Divisional Plan Set Up

A plan to establish a divisional organization of the University faculty, which would be set up in addition to the present college and departmental organization, was approved by the University of Wisconsin faculty March 17. The faculty voted also that in 1945 the University committee shall make a report on the operation of the plan and shall make a recommendation on its continuance after that time.

A divisional organization of the faculty has been in effect in the Graduate school for 26 years, since 1916, and the plan extends such organization to the undergraduate level. The new divisional setup does not replace the present college and departmental organization of the State University in any way, but it may act in an advisory capacity.

The divisional organization provides for the following four faculty divisions: The Division of Biological Sciences; the Division of Humanities; the Division of Physical Sciences; and the Division of Social Studies.

Main purpose of extending the divisional setup to the University's staff at the undergraduate level is to provide for greater correlation of the University's work in both teaching and science research among the various departments. Such correlation of work is now being carried out to a great extent among departments and divisions of the University, but it is felt that further correlation and cooperation among departments will result from such a divisional setup, as it already has in the Graduate school.

War Increases Tempo of Alumni Office Services

Hardly a week passes without some new service being added to the Alumni Association's growing list of activities. Their most recent activity is participation in the Victory Books campaign, with special emphasis on getting these books to Wisconsin men in the armed forces.

The start of the war increased the tempo of activity in the Association's office many fold. The War Service record file was added, letters, magazines and The Badger Quarterly were sent to the men in service. Special directories of alumni in various camps were prepared and mailed out. Clubs were urged to entertain and adopt Badgers in service. The Founder's Day radio program, an hour long this year, told the story of the University's defense activities.

The Association's scholarship campaign has stepped up its tempo, every club being urged to undertake a scholarship campaign as a part of its annual program. Members of the office staff are serving in various capacities on campus defense committees. Each employee of the Alumni Records Office staff has volunteered for civilian defense training.

Plans for the Memorial Day reunions are now being formulated. Fourteen reuniting classes will form the biggest contingent of spring "homecomers" in a decade. Reunion plans, reunion notices, normal spring activities, all must be speeded up to meet the streamlined campus calendar.

Funds are being raised for special student awards. Special letters have been sent to students offering vital aid in the ever-perplexing problem of getting a job. The booklet, "The College Senior Seeks a Job" will be sent to all graduating seniors who desire it.

And so it goes, day in and day out—publications, radio programs, placement, scholarships, reunions, clubs, defense aids, military service assistance—all add up to making membership in the Alumni Association more valuable for more alumni as the years progress. And each new service the Association adds makes it increasingly effective as a strong right arm of the University.

Radio Program Designed Specially for Badger Alumni

Calling alumni together with the familiar rallying cry of "Varsity Out!", a new 15-minute program designed especially for Wisconsin alumni is now broadcast over the University station, WHA, every Sunday afternoon at 2 o'clock.

"Varsity Out!" is the handiwork of Harry Thoma, editor of The Wisconsin Alumnus, and Bill Harley, chief announcer at WHA. The program is an informal narration of some of the interesting highlights in Wisconsin history, success stories of Wisconsin alumni, campus anecdotes, and an occasional interview with some alumnus or faculty member. Music is furnished by the WHA staff members and consists of old Haresfoot tunes, Prom fox trots, and campus favorites.

Featured on some of the programs during the past month have been the story of "On Wisconsin"; Chris Steinmetz, the "father" of Wisconsin basketball; the story of the campus in World War I, featuring Dean Scott H. Goodnight; and the story of Otis L. Wiese, '26, editor of McCall's magazine.

Defense Stamps for Flowers

Helping to beat the Japs by buying more than \$500 worth of defense stamps, University of Wisconsin students who attended the 1942 Junior Prom went without corsages this year in order to purchase defense stamps.

Camouflaged Machine Gun Nest--



--on Wisconsin Campus--Not in Russia

No, this is not an actual war picture from the frozen steppes and forests of Russia, but a view of a camouflaged machine gun nest staged during training maneuvers by a group of the ski patrol unit of the University of Wisconsin Reserve Officers Training Corps. The picture was taken on the snow-covered wooded terrain of the Wisconsin campus several days ago. With 80 students enrolled, the

ski patrol unit of the R. O. T. C. was formed early this winter—the first of its kind at any college or university in the United States. Under the direction of competent ski and military instructors, the men in the unit are given training in winter combat and at the same time are taught how to take care of themselves in a frigid climate. It is believed that the Wisconsin ski unit may be the starting place

for the ski trooper officers needed in the regular army. In cooperation with the University's art education department, the ski unit is also practicing and making tests of fundamental principles of winter camouflage as outlined by the war department. Six men comprise the camouflaged machine gun nest in the above pictures. Can you "spot" all of them in the picture?

You Readers Hit High Score in Finding Alumni!

In one of the most astonishing showings to date, more than forty per cent of the "lost" alumni listed in the December issue of The Quarterly have been located through the efforts of you readers. To be exact, 21 out of the 150 alumni on that December list are now correctly recorded in the Alumni Records office.

"Such wholehearted co-operation on the part of our readers deserves the thanks of our entire office staff," says Harry Thoma, alumni editor of The Quarterly and supervisor of the Records office. "Let's see if we can't keep up this spectacular result."

Here's another list of 50 "lost" alumni. Any correct addresses or information leading to the obtaining of a correct address should be sent to Harry Thoma, Alumni Records Office, 770 Langdon Street, Madison.

Ailts, Bernard H. (Ph. B. '35)—Lincoln Ill.

Allen, Jane P. (B. A. '87)—4193 1st St. San Diego, Calif.

Anderson, Mrs. Milton (Gladys M. Norgord, B. A. '25)—115 S. Allen St., Albany, N. Y.

Behm, Clarence F. (ex '36)—4532 Wilbrowbrook Ave., Los Angeles, Calif.

Boughton, Clement A. (B. S. '97)—427 W. 6th St., Lincoln, Nebr.

Buhler, Carl W. (Ph. G. '35)—208 Prospect St., Merrill, Wis.

Cahill, Mrs. John (Mary A. Cramer, B. L. '97)—3247 Penn St., St. Joseph, Mo.

Cannon, Don (B. A. '25)—114 S. Catherine Ave., La Grange, Ill.

Crooker, Mrs. Winfield D. (Elsie M. Brandt, B. A. '24)—The Granada, Nashville, Tenn.

Croy, Ann(abelle) A. (B. S. PhysEd) '37)—General Delivery, Milwaukee, Wis.

Danto, Billie R. (B. A. '25)—East Jordan, Mich.

Dickerson, Mrs. Fred L. (Ruth E. Graf, B. A. '25)—Box 62, Mukwonago, Wis.

Dobson, Eleanor R. (B. A. '26)—2801 Macomb St., N. W., Washington, D. C.

Ellingson, Harvey T. (B. A. '25)—Defensa 143 Noveno Piso, Buenos Aires, Argentina, S. A.

Fields, Mrs. Mark (Ilse M. Berger, B. A. '25)—752 Garden Ave., Olean, N. Y.

Gilboe, Harvey B. (B. S. A. '27)—Baraboo, Wis.

Golland, Maurice (Ph. B. '35)—3319 W. Lisbon Ave., Milwaukee, Wis.

Harris, Dr. John J. (B. S. (Med) '27)—Ill. Research Hosp., Chicago, Ill.

Hinckley, Dr. Robert G. (B. S. (Med) '27)—1906 Monroe St., Madison, Wis.

Hocking, George D. (B. A. '25)—Princeton Univ., Princeton, N. J.

Kanter, Aleck J. (B. A. '37)—Kenyon Exports Co., Chicago, Ill.

Kaska, Mrs. Robert C. (Rosemary Brigham, B. S. (Hyg) '37—246 Washington Blvd., Oak Park, Ill.

Keller, Richard (B. S. '87)—Warren Hotel, Baraboo, Wis.

Kennaugh, Mrs. (Ruth A. Weiss, B.

Two new circulars dealing with the production and preservation of food for home use have recently been published by the extension service of the University of Wisconsin College of Agriculture. "A Home Garden on Every Farm," by J. G. Moore and O. B. Combs of the University of horticultural department, gives detailed plans for planning and planting a garden. "Fast Freezing Meat and Poultry" tells of ways to prepare poultry and various cuts of meat for fast freezing and locker storage. Copies of both of these circulars may be obtained either from county agricultural and home agents, or by writing to the University College of Agriculture at Madison.

Badger Sport Highlights

By FRED BAXTER

After much agitation by various readers of the Badger Quarterly, the editors of this publication have prevailed upon your writer to start a column devoted to the airing of the various activities on the Wisconsin sports front. Some of it may be old news to some of you, but we shall try to give you a new slant on the news and the activities of the athletic department.

From time to time we shall write features on various personalities and activities which are little known to the alumni and citizens of the state. What will be in these features is entirely up to you. We shall welcome your suggestions.

Foremost in the minds of Wisconsin sports enthusiasts at present is the question "What about football next fall?" A perplexing problem this, but athletic director Harry Stuhldreher and his aides have already attacked the solution and expect to come up with some worthy answers very soon. Right now things are still in the planning stage. What we do know is that it was definitely settled at the Big Ten conference meetings on March 7 that the Badger varsity squad would have ten games on its schedule next fall. The freshmen will also compete again outside competition for the first time since the last war. Add to this a "B" team schedule and you have quite a bit of football.

Yes, it is a fact that when Hirohito's followers started their ruckus at Pearl Harbor, it had no end of influence on how the Badger athletic department is going to operate for some time to come. Harry Stuhldreher has long been an advocate of an expanded football program. He believes that football can play a two-fold role for the duration. In the first place, the game can be used as a body builder for future defenders of democracy. It can also function as a morale builder for the traits developed on the gridiron are not so far from those needed to knock the sap out of the Japs. Secondly, Stuhldreher feels that an increased football program can serve as relaxation for more spectators. He feels that longer hours of work are going to require more hours of organized recreation. Therefore the Badgers can come to the front along this line.

What dates the varsity will be in action is a matter still to be settled around the conference table. The opening of the schedule will probably be moved up a week and may run into December. Sandwiched in when the varsity is out of town will be the freshmen and "B" team games.

Who said the life of a football coach was soft?

True Badgers, everywhere, here is a young man that deserves an ovation from each of us. He is the type of young man that Wisconsin should be proud of. The modest hero of young and old, that is Mr. John Kotz of Rhinelander. Read his record and see picture on opposite page.

Before you get the idea that Mr. Kotz was the whole Wisconsin team, let me tell you that there are several other boys on that squad who made the team the great combination that it was. Yes, we know that they did not win the championship. A fast traveling bunch of sophomores from Illinois accomplished that, but the Badgers were second. With all the injuries they suffered during the season, this is remarkable. You know all nine teams were gunning for us this season; but after a bad three game losing streak at the start, we pretty much showed them how the game was played for the rest of the season. Put this fellow Harold E. Foster, better known as "Bud," down in your books as one of the tops in the basketball coaching field.

numerous articles in the field of American history.

Let's Be Realistic!

As a nation of 130 million Americans and as individuals we are facing one of the most trying tests of our lives. Inherently a peace-loving people, we have been thrown into mortal combat with the largest and most carefully constructed war machines of all times. We are confronted with the Herculean task of changing almost overnight from our peaceful pursuits to the thousands of tasks of modern, all-out warfare—from a psychology of "live and let live" to one of conflict. We, as Americans, still feel that war is Hell. We hate it; but having been attacked and being forced into it, we must do everything within our power to win.

Let us not under-rate the tremendous importance of winning. Let us not underestimate the cunning, the cruelty and the ruthlessness of our enemies. The starvation, murders, and merciless domination of the people who have been conquered by our enemies should constantly remind us of the fate, in this war era, of nations that are weak, soft, gullible, unrealistic, complacent, over-confident, lazy, or wasteful. Woe be unto a nation and its people if grasping individuals and self-seeking pressure groups place their own selfish interests above that of their country!

Unfortunate is any nation in which the individual shirks his responsibilities and plans to "Let George do it". In these realistic times may we be saved from the ineffective wishful thinker, the impractical believer in getting something for nothing, and the opportunist who selects this time to force acceptance of his pet schemes.

Let us promptly and persistently realize that each of us has a tremendous stake in this war and a corresponding great responsibility in helping to win the war. Probably never before has the whole-hearted and unified effort of millions of our civilians been as imperative as today and in the days and months and maybe years to come. In fact, our war effort back of the lines in such vital matters as greatly increasing production, financing the war, civilian defense, avoidance of waste, cooperation in aiding the war effort, fair human dealings and placing country above self may decide the question of defeat or victory.

In order to have anything to say about the kind of world we will live in after the war we must win the war, and in order to win we must all, as Americans, be in the game and not in the grandstand. We must pull our car as best we can. Alibis, excuses, complacency and wishful thinking will not win the war. Therefore, let us be realistic. Get in the game here and now and stay in it to a victorious end.

A. J. GOEDJEN, PRESIDENT,
WISCONSIN ALUMNI ASSOCIATION

More Full-Time Badgers—

March first marked the beginning of the second half of the 80th fiscal year of the Wisconsin Alumni Association. If the second half shows as much progress as the first, this will be a banner year for the Association. For example, income from membership dues for the first six months is 14% ahead of the same period last year. This increase is due primarily to two factors: 367 new members since September first and excellent support from the growing body of sustaining members.

Much of the credit for the Association's continued progress belongs to these sustaining members. By paying a membership fee of ten dollars a year, instead of the regular fee of \$4, they have produced that extra steam necessary to keep the Association going ahead in these critical times. Right now their support is invaluable in carrying on the special services which the Association has developed for the hundreds of Badgers in Uncle Sam's armed forces. Most of these men are recent graduates. Many enlisted before graduation. All are hungry for news about their University and their fellow alumni. But military pay checks are usually too small to pay membership dues. Through the fine support of these sustaining members, the Association is able to send the WISCONSIN ALUMNUS and special news bulletins, free of charge, to these loyal Badgers now serving in our nation's armed forces.

Membership campaigns are already under way to insure continuation of this progress during the second half of the current fiscal year which ends on August 31. The Association needs members of all types; intermediate at \$2 a year, regular members at \$4 and sustaining members at \$10. More members means more new services and expansion of present services.

More full-time Badgers will enable the Wisconsin Alumni Association to carry out its obligation to the loyal Badgers in the nation's armed forces. While they must bear the brunt of this battle for the right of men to be free, it's our war, too. We must show them that we appreciate their sacrifices to preserve decency, humanity and integrity in a world threatened by power-made gangsters. We can't let them down.

Last Four Classes—

The last four classes, '38, '39, '40, and '41 have more members in the Wisconsin Alumni Association than any other four classes. This splendid support from these recent classes has restored the membership balance which was lacking five years ago when the Association was top-heavy with older members. The depression days of the turbulent thirties had made it difficult for younger alumni to pay the four dollars necessary to become a member of the Association.

To change this trend, the Association established a new membership rate of two dollars (half the regular rate) for younger alumni while getting started in their new jobs. This reduced rate, which applies during the first five years after graduation, was made possible by the financial backing of the Association's sustaining members. Their membership checks at ten dollars a year absorbed the loss which the Association suffered on each intermediate membership at two dollars a year. Intermediate members now make up one-fifth of the total membership of the Association. The class of 1941 is setting the pace for all other classes with 351 members. The class of 1940 comes next with 252 members.



MR. GOEDJEN

New Studies --

(Continued from Page 1)

ence, agriculture, and engineering, the law schools, and the departments of physical education for men and women are presenting the new studies. In addition, several courses offered before the declaration of war, such as navigation, surveying and mapping, iron and steel analysis, meat production, and livestock feeding have been modified to fit new demands brought on by the war emergency.

A general revamping of some courses and introduction of the new studies has been carried out to fit students to the requirements of the armed forces, agriculture, industry, and civilian preparedness.

In addition to changing the curriculum, the faculty has arranged for a special 12 weeks summer session for students in technical courses to enable them to complete their University work in a shorter time and become available for war work. A lengthened summer session in the law school will make it possible for a student who enters the law school in February or in a summer session to complete the former three year course in two calendar years, thus becoming available for service.

Nearly every department in the college of letters and science of the State University has made a contribution to the new series of war-time studies. Commerce students can learn more efficient methods of industrial management in a new course being taught this semester. Military geology is offered by the geology department. The journalism department is giving instruction in army public relations work. In the psychology department, students are learning personnel psychology methods as applied to war work.

Methods of providing the nation with better and greater food stocks are being taught in new courses of the College of Agriculture. Meat selection and use, meat production and carcass value, and improved livestock feeding are new or modified courses in the animal husbandry department. Dairy husbandry students are studying standard methods of dairy product analysis and standards of quality for production and distribution, in two new courses.

Practical work in first aid, physical fitness, and life saving is being given to men and women by their physical education departments.

In the law school, special war courses are making law-trained men more useful either in government service—army, navy, or civilian agencies—or in defense industries, particularly as personnel experts.

These new law courses take up military law, public and war contracts, defense laws and their administration, industrial and personnel management and employer-labor relations, current problems of international law, use of government corporations in wartime, and trade regulation in wartime.

Regents Approve Book Publication

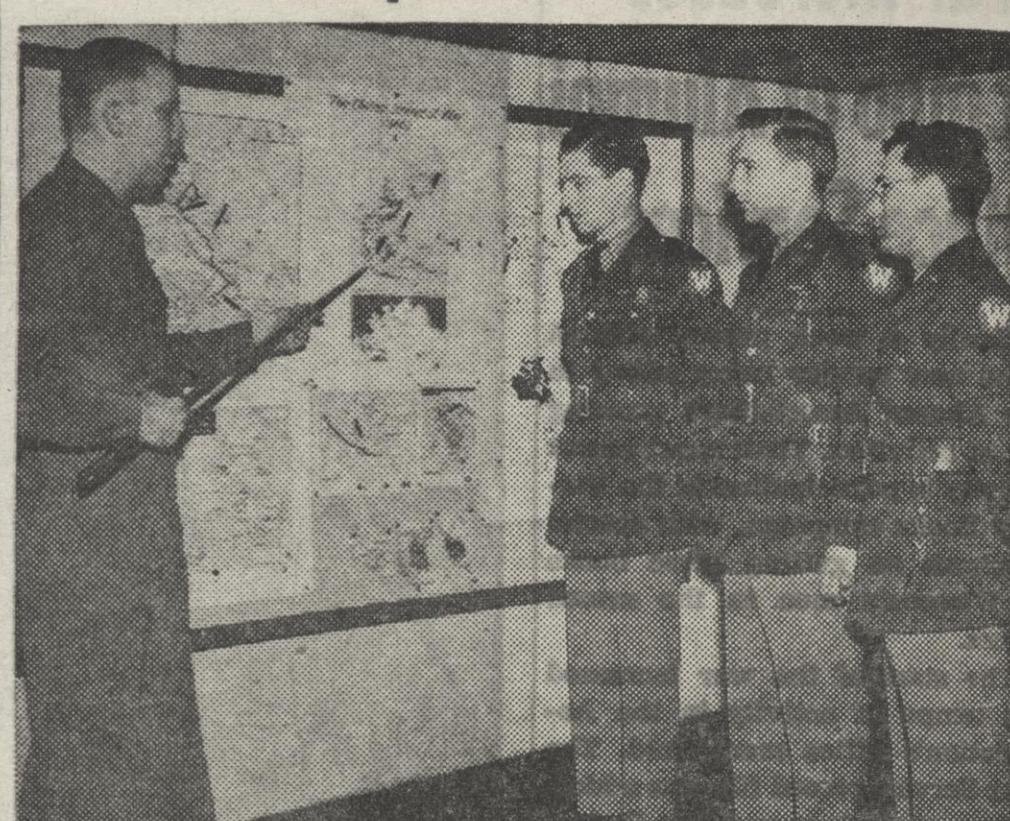
Publication of the book, "The Religious Availability of Whitehead's God," by the Wisconsin Press, was approved by the University of Wisconsin Board of Regents at its March meeting held in Pres. C. A. Dykstra's office in Bascom hall.

Approval of publication of the book was given by the Regents when they adopted a report of a special committee on the matter. The report also answered criticism and charges of "censorship" which had been leveled at the Board because it did not immediately approve publication of the book when it was originally brought up.

In its report, the Board asserted that "there has been no threat or suggestion of 'censorship' by the Board or any member of it. We further assert that there has been no assault upon or threat to 'academic freedom' by the Board or any member of it, and that no act or statement by the Board or any member of it justifies any such charge."

In approving the report, the Regents also authorized University Comptroller A. W. Peterson to execute future agreements for publication of documents by the University Press upon recommendation of the faculty committee and with the approval of Pres. C. A. Dykstra.

Cadets Keep Posted on War



Keeping track of last-minute developments on the Libyan, Russian, and Far Eastern war fronts is a simple task for R.O.T.C. cadets at the University of Wisconsin.

Included in the instruction in the course in Military Science and Tactics is the daily posting of a general operations map. Each day the cadets post the map according to the latest developments. Col-

ored pins, each color representing the armed forces of a warring nation, are used to establish present front lines of occupation.

Cadets, from time to time, are required to present a five-minute talk covering the current developments on all fronts. The gains and set-backs of the various nations are evaluated from a tactical and economic standpoint and are presented to the class.

U. W. Entrance Rules Revised For Flexibility

Wisconsin's Honor Roll

Maj. Austin A. Straubel, '27, Green Bay

Killed in action in the East Indies. Date and place not disclosed by War Department.

1st Lt. LaVern L. Wade, '39, Milwaukee

Killed in action, December 30, in the Philippines.

Lt. Roy L. Drew, '42, Rothschild

Killed in airplane accident at Ft. Knox, Ky., Jan. 3.

Lt. James Caldwell, '40, Lodi

Killed in action, January 16, in the Philippines.

Lt. Walter C. Boyle, '40, La Crosse

Killed in airplane accident, February 12, at Bradley Field, Conn.

Lt. Melvin W. Schoephoester, '36, Baraboo

Killed in airplane accident, February 11, at Bradley Field, Conn.

3,585 Inches of News

Student journalists enrolled in the newspaper reporting class in the University of Wisconsin School of Journalism produced in the first semester over 22 newspaper pages of news matter for Madison newspapers. The total number of column inches, exclusive of headlines, reached 3,585 during the semester. One hundred and twenty-two students were enrolled in the course.

become convinced "of the need for closer integration between the work in high schools and that offered at the University, and the desirability of having a permanent joint committee for the exchange of views on problems common to the University and the secondary schools.

British WRENS to Visit Wisconsin Campus Soon

Final permission has been granted by the British Admiralty in Washington for girls in the British Women's Royal Naval Service to be the guests of the boys in the University of Wisconsin Haresfoot club for the weekend of Military ball, April 10, at the State University.

The girls, more commonly known as WRENS, are serving with the British navy in the United States. They will fly to Madison from Washington as guests of the Haresfoot club under the sponsorship of a Chicago newspaper.

According to Fred Doerflinger, president of the Haresfoot club, the whole idea came about from an article in the Chicago paper two weeks ago announcing the arrival of the girls from England.

"We hope to do our part in bettering relations between the youth of this country and Great Britain," Doerflinger said.

Haresfoot is the all-male organization on the campus that has as its famous slogan, 'All our girls are men, yet everyone's a lady.'

Since they were organized in 1939, 15,000 of them have been attached to the Royal Navy. To the plotters of the WRENS goes part of the credit for the sinking of the German battleship, Bismarck.

Pride of State and University Navy Inducts 25 Men Into Third Unit of 'Flying Badgers'

The University of Wisconsin became the first school to send three full squadrons of men into the United States naval air force when a group of 25 young men, now known as unit three of "The Flying Badgers," was officially inducted into the nation's armed forces at an appropriate ceremony in the executive offices of the state capitol recently.

Sponsor of "The Flying Badgers" third unit at the induction ceremony was Wisconsin's Gov. Julius P. Heil, while the oath of the U. S. Navy was administered to the young men by Lieut. Phillip S. Dalton, Jr., of the naval aviation cadet selection board. During the ceremony, which was attended by parents of the future cadets, a squadron of planes roared over the state capitol.

Induction of the group brought to 94 the number of young men enlisted in the three units of "The Flying Badgers" from the University of Wisconsin. The third unit began primary training at the Genview, Ill., naval base.

The first unit of 44 men entered service in June, 1941, and is now receiving final training at Pensacola, Fla. These first "Flying Badgers" were formally inducted into the service at a dinner ceremony sponsored by the University of Wisconsin Alumni and "W" clubs of Milwaukee. The second unit of 25 men was inducted into the navy air corps last October, at a dinner ceremony sponsored by the University of Wisconsin Alumni club of Chicago, and is now in training at Corpus Christi, Texas, navy air field.

At the induction ceremony of the third unit, Gov. Heil told the young cadets that Wisconsin citizens are proud of them, and he assured them that those behind the lines and remaining in Wisconsin will do their part and do it well.

"You will join with other young men who are in the service now and many more will be entering the service in the near future," the governor said. "When the men behind the line and you men in active service are completely or-

Religious Emphasis Week Held at U. W.
The fifth annual Religious Emphasis week was held at the University of Wisconsin March 1-8. The theme for the program was "The World in Which We Want to Live."

One of the features of the week was a "Visitation" program in which all organized houses on the University campus had the opportunity to hear a well-known speaker on a religious topic. Sixteen Madison religious leaders took part in the discussions.

The purpose of the visitation program, according to the University Religious council, sponsor of the week, was to help students see that religion at its best is something that demands the best intellectual efforts as well as the warmest emotional response.

'Flying Badgers' Take Oath of U. S. Navy



Lieut. P. S. Dalton administers oath of U. S. P. Heil, (at right with back to camera) who sponsored the third unit, looks on.

Bomb Splinters

Nurse in Shanghai

Generally known as an author, Emily Hahn, '26, has forsaken her typewriter in favor of a nurse's uniform. Unable to return to the United States because of the war, Miss Hahn is now doing nursing work at the Queen Mary Hospital in Shanghai, China. She is the author of the current best seller, "The Soong Sisters."

Guests of Clubs

Many of the alumni clubs had members of the armed forces as their special guests at the Founders' Day programs. Washington, D. C., had about thirty members of the Army and Navy present, including a number of high-ranking officers. All clubs are being urged to take part in the Alumni Association's general program of serving Wisconsin alumni in the military forces.

1,500 in Service

More than 1,000 names are now in the Military Service file in the Alumni Records office. Each day's mail and newspapers bring announcement of dozens more. The records office estimates that probably a total of nearly 1,500 Wisconsin alumni are now in military service. Don't fail to let the office know if you or any of your friends or relatives enter the service.

Flying Badgers

All members of the first unit of the Flying Badgers have now received their commissions and have been assigned to active duty. Officers in charge of this group had nothing but high praise for the calibre of all the men in the unit. The second unit is now receiving its advanced training and the third unit was inducted last month.

In All Parts of World

Wisconsin alumni are now in service in all parts of the world. To date word has been received from men in the service in Iceland, Alaska, England, Hawaii, the Philippines, the East Indies, Chile, Antigua, Trinidad Panama Canal Zone, Cuba, Puerto Rico, Midway, and several other insular possessions. In the United States, of course, Badgers can be found in scores of camps from Ft. Dix to Camp Callan.

Alumnae on Duty

No longer is the Alumni Records office military service file a strictly masculine affair. Last month the names of three alumnae nurses were added to the list. These girls are now on active duty in army hospitals and have been granted lieutenant's commissions. More are expected to be added to the file in a short time, according to Miss Christina Murray, director of the School of Nursing.

Serving Armed Forces

The University with every passing week feels more directly the impact of war. Our training programs in several areas are being accelerated, boys are leaving us for the service from day to day and faculty members are being called to the colors or into laboratories and defense agencies. Enrollments have dropped and will drop more as the demand for men increases.

Meanwhile it is our business to help provide the trained manpower needed for the emergency and even for post war activities. This need is immediately felt in the Army and Navy is making our campus a center for a Navy radio program and for the correspondence institute of the Army.

On April 1 the first contingent of 300 Navy recruits will be here. Three hundred more will come each month until we have 1200 in residence. The University will be responsible for the teaching, housing and feeding of these Navy boys. The stadium is being finished as a dormitory to care for a portion of these and the rest will be housed in Adams and Tripp Halls.

The correspondence institute of the army will require no housing and feeding—just office space and faculty to take care of lessons sent in from the camps. Even now because of the action of the legislature at the last session our extension division is serving almost 600 Wisconsin men who are in service all over the world. For instance we get lessons sent in from Iceland and Ireland and until communication was cut off, from the Philippines.

It may well be that we shall have more programs for the armed services before the war is over. Out through the state we are continuing to conduct pilot training and the program known as E. S. M. D. T. Several thousand young people are enrolled in these courses. Whether on or off the campus the University is playing its part in the training of men at this time and I believe the state will be proud of the record of the University when the whole story of accomplishment can be told.

Yes, we feel the war here and we carry on with enlarged responsibilities.

C. A. DYKSTRA, President, University of Wisconsin.

A Salute to All Badgers in Uncle Sam's Armed Forces

Wisconsin is proud of the splendid job you are doing in Uncle Sam's armed forces. With typical Badger courage and enthusiasm, you are doing your full share to restore the freedoms which are basic in a civilized society and to wipe out the despicable gangsters responsible for World War No. II.

Those blood-thirsty felons cannot appreciate the way of life you preached and practiced as a student at the University of Wisconsin. Their philosophy has no room for the doctrines characteristic of the Wisconsin Spirit. Before this war is over, however, they will get a liberal education in certain attributes they now lack completely: decency, respectability and square dealing.

This education will come to them in the only language that such hoodlums can understand—bullets, bombs, battleships and blockades. Your share in this instructional program will be a powerful factor in winning the war.

Your fellow alumni pledge you their whole-hearted support. While our part in this titanic struggle must always be secondary to yours, we promise you that we shall do all within our power to give you the guns, planes and ships that you need to win a glorious victory.

While you bear the brunt of this battle for the right of men to be free, it's our war, too. Your Alma Mater, your fellow alumni back home, the members of the faculty and the student body are all back of you one hundred per cent. All of us think of you often. Our hearts beat faster as we see how magnificently you are serving your country and your Alma Mater. Please remember this when you get lonesome for old friends at home or on the Campus.

As often as possible, we'll send you news about your University and your fellow alumni. If you can spare a few minutes to send some news about yourself, please do so. Your friends and fellow alumni want to hear from you and about you.

And no matter where you are, whether in a distant camp or on a ship on the high seas, always remember this: we appreciate, gratefully, what you are doing to preserve decency, humanity and integrity in a world threatened by power-mad gangsters. We won't let you down. Call on us whenever you feel that we can be helpful to you.

THE WISCONSIN ALUMNI ASSOCIATION

Students Get War Credits

(Continued from Page 1)

that put into effect 25 years ago during World War I by the University, was recommended by a faculty administrative committee, and was approved by the University Board of Regents.

Under the system, for three months or more of service in the nation's armed forces as privates or non-commissioned officers, Wisconsin students will be entitled to 10 elective credits, and as commissioned officers, to 15 elective credits, towards their degrees.

The system also provides that the Civil Pilot Training course as given at present for the training of officers will be accepted as extension courses equal in credit value to the advanced R.O.T.C. courses given at the University.

The faculty also approved a

recommendation that the Medical school operate on a 36-week continuous program, beginning July 1, 1942, and ending March 3, 1943. This plan is designed to accelerate the medical course by graduating the students in three calendar years. Dean W. S. Middleton of the Medical school, explained to the faculty.

80 Student Pilots

Fifty University of Wisconsin men are engaged in first lessons in flight knowledge, and 30 others, students in previous flight courses, are receiving secondary training in the spring session of the civilian flight training program now in progress in Madison. These enrollments bring the total since 1939 to 520—constituting one of the largest aeronautics programs in the United States.

University's War Work Is Reviewed on 93rd Birthday

When the whole story of this war comes to be told, you will be proud of your Alma Mater just as you were in 1918, President C. A. Dykstra told alumni and friends of the University of Wisconsin in a State University Founders' Day radio broadcast Feb. 11.

Dedicating its state-wide anniversary radio program to hundreds of loyal Badgers now serving in Uncle Sam's army, navy, and marines, the University celebrated its 93rd anniversary. It was on Feb. 5, 1849, that a group of 17 students met in a little one-room red brick building in Madison to form the first class of what was to become the University of Wisconsin.

Speakers on the birthday radio program, presented from the Wisconsin Union theater on the campus in Madison, were President Dykstra; A. John Berge, executive secretary of the Wisconsin Alumni association; Capt. Frank Orth, '28, Camp Grant, Ill.; A. J. Goedjen, Green Bay, president of the Wisconsin Alumni association; Col. H. H. Lewis, commandant of the University Reserve Officers Training corps; Dean W. S. Middleton of the School of Medicine and Dean C. L. Christensen of the College of Agriculture.

President Dykstra described the activities which have placed the University on a war footing. He told listeners the University continues to be of supreme importance in the fight.

"The University is represented in national emergency service by a great group of faculty members who are both off and on the campus. You will find them in a score of laboratories, both in Wisconsin and in other states. You will find many in Washington. There are defense undertakings in many of our own buildings supervised by national authorities," the president revealed.

"Your University, recognizing its obligations for all-out service, has gone all the way in trying to accommodate its work to an all-out national effort. It is serving its generation and I believe the future of America as well," he concluded.

Captain Orth declared that superior armament and fire power in this war of machines will spell victory for the men who have the most and best machines of war.

"We, the alumni in service, have every confidence that you will give us your unending support,"

he said.

"The combination of your production team at home and our combat team at the front will bring success, which means victory and ultimate peace."

Here's Way You Can Serve Men Serving You!

What have YOU done to make life more enjoyable for the Wisconsin men now serving with our country's military forces?

Here's a way in which you can help. Perhaps you overlooked the appeal of the Victory Books campaign committees in recent weeks. The Wisconsin Alumni Association is going to carry through with that campaign during the months to come. In addition, they will attempt to make certain that the books they collect are sent to those camps where there are a large number of Wisconsin alumni.

"It's not that we're going to be selfish or provincial," said John Berge, association secretary, in announcing the plan. "It's merely that we want to do all in our power to make certain that our Wisconsin men get all that's coming to them. We want to show these Badgers that the entire Wisconsin alumni group is behind them 100 per cent."

So there you are. Scour your library shelves today and take out those books that men in the military service would enjoy. Wrap them up and send them to the Alumni Association office at 770 Langdon St., Madison. From there they will be sent to army, navy and marine posts.

If you haven't books to spare, send some cigarettes, a box of candy, some playing cards, cribbage boards—anything that will furnish amusement and enjoyment to those men in service. After all, these boys are fighting YOUR fight. What are YOU doing for them?

Praise U. Man's Work

The work of Dr. R. C. Emmons of the University of Wisconsin geology department was praised by Prof. E. R. Larson, president of the Geology Society of America, at the society's annual meeting in Boston recently. Prof. Larson, in his presidential address, advised all mineralogists to familiarize themselves with Emmons' methods of determining mineral identification.

Wartime Courses Listed for U. W. Summer Session

Special courses adapted to needs of teachers and civilians in wartime will be offered by the University of Wisconsin's 44th annual summer session, beginning June 29, 1942, according to a bulletin of preliminary announcements issued by the University.

Among the war-time courses planned for this summer are navigation and practical astronomy, scientific identification of criminals and saboteurs, problems of a war economy, war finance and inflation, translation of technical French, and first aid and safety education.

The military science department of the University, which has never offered summer courses before, will this year present two courses, "Our Army," and "U. S. Signal Communications." The courses are preparation for military or other national defense service.

Preparation of teachers will still be the major function of the summer session. The general session for both undergraduates and graduates will open June 29, and will continue for six weeks ending August 7. Special courses for graduates, eight weeks in length, will begin June 29 and end August 21. The Law school opens its new 14 week session June 1 and closes on Sept. 5.

Virtually all courses offered in the summer session are of academic grade and carry credit toward all degrees regularly offered by the University. They are planned to meet the needs of graduate and undergraduate students of college and technical schools, colleges, and universities; of teachers and super-visors of secondary schools; and of professional men and women. Special provision is made for the needs of teachers. A total of 2,100 teachers were enrolled in the 1941 summer session, according to Scott H. Goodnight, dean of the summer term.

Collateral with the summer session but not a part of it are the annual Institute for Superintendents and Principals, planned this year for July 20-23; the annual music clinic, June 15-24; and the rural leadership conference, June 29-July 10.

Although the regular University calendar has been shortened to bring commencement on June 1 this year, the summer session calendar is not affected.

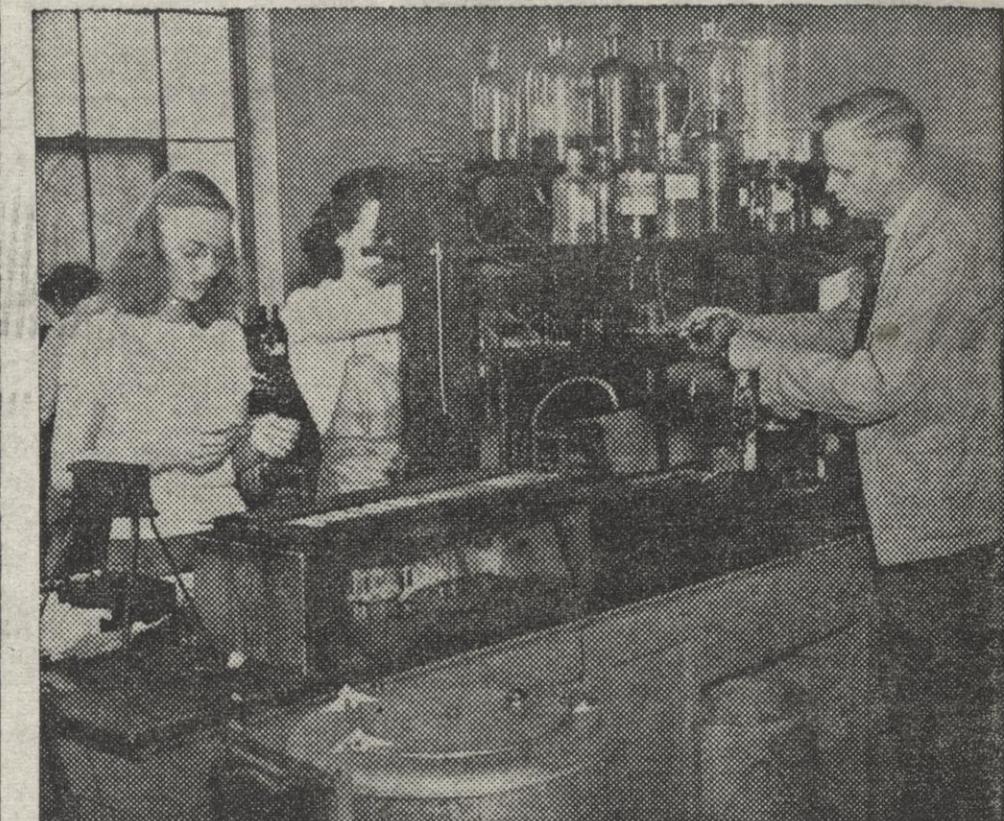
As U. W. Celebrated Its 93rd Birthday



This photograph was taken at the start of the state-wide radio broadcast with which the University celebrated its 93rd Founders' Day on Feb. 11. Various speakers who participated in the pro-

gram are shown awaiting their respective turns at the microphone. The band, led by Prof. Raymond F. Dvorak, is seen at upper left.

Guard State Water Supply



Dr. M. Starr Nichols, professor of sanitary chemistry, is shown with several workers in the state laboratory of hygiene at University.

If germ concentrations are used by Japanese and German agents to sabotage the nation's water supply, as military experts think they may be, the State Laboratory of Hygiene on the campus of the University of Wisconsin will take an even more vital role in safeguarding the health of the state.

465 Co-eds Learn First Aid for War

Equipped with triangular bandages, gauze compresses, and leg and arm splints, 465 determined-looking co-eds at the University of Wisconsin are learning standard Red Cross first aid methods in a special wartime first aid course.

The course was begun in January to train co-eds to meet wartime emergencies. It is open to all undergraduate women.

"It is designed to teach co-eds practical and common sense first aid for use in everyday emergencies during wartime," explained Dr. Helen D. Denniston, associate professor of physical education who is in charge of the course.

Today, more than ever, Dr. Denniston said, a practical knowledge of standard first aid methods is important.

Instruction is given in everyday terms and most medical and technical terms are avoided, she said. The course is divided into 15 lessons of two hours each.

Thorough instruction is given in the general care of a person following a serious accident.

With the aid of an anatomical chart, co-eds become familiar with the human body and its parts and are taught where arteries lie close to a bone so pressure can be applied to control bleeding.

Lecture material includes a comprehensive study of the kinds of wounds and their treatment. The use of each kind of bandage is demonstrated, and the methods for handling all kinds of compresses and dressings is covered.

Part of each period is devoted to demonstration and practice in bandaging and stretcher work.

The treatment of snake and dog bites, foreign bodies in the eye, bleeding, poisoning, fractures and sprains, burns and scalds, freezing, heat exhaustion, and treatment for shock is taken up during the two-hour class periods.

Instruction in the standard technique of artificial respiration and actual work with an inhalator is also included in the course.

U. S. Needs Inspectors

An acute shortage of men qualified as inspectors of ordnance materials was announced by Capt. Frederick D. Hansen, in charge of the Milwaukee suboffice of the War Department. Many of these inspectors are needed at once and more in swiftly increasing numbers, as time goes on. The necessary qualifications for applicants to these positions have been drastically lowered by the War Department. Persons possessing any of the above qualifications may apply for applications by writing to the Milwaukee Suboffice of the War Department, 322 East Michigan Street.

Ever watchful of their job of guarding Wisconsin's water supply from a dozen dangerous diseases, the laboratory in 1941 examined 16,819 samples of water from all parts of the state, according to Dr. William D. Stovall, director.

DR. STOVALL work, the laboratory also made 150,386 tests for the detection of diphtheria, gonorrhea, tuberculosis, and impurities in milk. Of the total number of examinations of specimens made, 9,751 were diphtheria, 23,607 were gonorrhea, 12,974 were tuberculosis, and 22,304 were for impurities in milk and ice cream.

The central laboratory in Madison examined 101,381 of the total of 167,000 specimens tested in 1941, while 65,803 were examined in the nine branch laboratories at Beloit, Green Bay, Kenosha, La Crosse, Oshkosh, Rhinelander, Sheboygan, Superior, and Wausau.

According to Dr. Stovall, most of the specimens examined are sent to the laboratories by Wisconsin medical men who are not absolutely positive of the disease and do not have the equipment necessary to make the tests.

Specimens from 1,663 doctors were received from every county in the state and from 711 towns.

The central laboratory sent out thousands of sputum, typhoid, and diphtheria containers, and distributed more than 60,000 vials of silver nitrate used for preventing blindness in new-born babies.

It also conducted miscellaneous examinations of a wide variety of materials, including urine for lead poisoning, pork for trichinosis, feces for ova of intestinal parasites and amebic cysts, animal brains for rabies, and spinal fluids to determine the kind of infection.

The laboratory was established by legislative act in 1903. Dr. Harry L. Russell, now head of the Wisconsin Alumni Research foundation and former dean of the College of Agriculture, was the first director. Dr. M. P. Ravenel served as director from 1908 to 1914 when Dr. William D. Stovall, the present head, took charge of the work.

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