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THE BADGER QUARTERLY

State University
of Wisconsin
News for—



Alumni, Parents
and Citizens
of the State

September, 1942

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Vol. 5, No. 1

Work Hard, Stand Ready to Serve Nation, Frosh Told

2,200 Frosh Hear Dykstra at Convocation

The future of our country and the future of human organization and activity throughout the world depends in some degree "on what you believe and on what you do," Pres. C. A. Dykstra told the more than 2,200 young men and women of the 1942 freshman class as he welcomed them to the University of Wisconsin campus at the annual Freshman convocation.

At Pres. Dykstra's request during the convocation, the freshmen, deans of colleges, and other University officials who were present stood for a minute in silent recognition of the "contribution to a future world of peace" made by former Wisconsin students who have already sacrificed their lives in the war.

"Many students who were on this campus last year and the year before — yes, many who were

(See FROSH Page 4)

3,000 Alumni in Armed Forces; 250 Overseas

Of the approximately 3,000 University of Wisconsin alumni in the service of the country now recorded at the Alumni records office at the University, about 250 are now either addressed in foreign countries or receive their mail from this country from head postmasters, indicating that they are now in foreign countries, or on the seas.

Included in the Wisconsin alumni association files are the records of 27 who have died and seven others who have been reported as missing in the service of the country.

As complete files as possible are being kept in the alumni office of any news from Badgers in the service. Most of the office's information comes from newspaper articles or from personal information sent directly by the alumni or their relatives.

Recorded alumni in the service may receive the Wisconsin Alum-

(See 3,000 ALUMNI Page 6)

Plan Week to Help Farmers in Wartime

Already a committee is at work on the 1943 Wisconsin Farm and Home week which is scheduled to be held at the University of Wisconsin on January 25, 26, 27 and 28. The event will be used to aid Wisconsin farmers in their wartime efforts and to envision the problems which will follow the war. Dean Chris L. Christensen is heading the committee of breeders, feeders, extension and research workers which is planning the demonstrations, and panels which will fill the four days of the conference.

University Trains Mechanics for U. S. Army Air Corps

An aircraft machinists' training course, which will continually train about 150 men as expert mechanics for Uncle Sam's army air fighting forces, is now in operation at the University of Wisconsin.

Under agreement with the government the University provides the teaching, tools, equipment, and shop facilities for the training of men, and also provides for their housing. The men are occupying one unit of the men's dormitories on the campus, and receive their training in the machine shops of the College of Engineering.

The machinists' course is another way in which the State University is serving the armed forces of the United States in the nation's war effort.

Seeks Ideas to Aid Nation in War Efforts

The University of Wisconsin is on the search these days, not only on its own campus but throughout the entire state, for any ideas which will aid the nation in its war efforts, Pres. C. A. Dykstra has revealed.

Pres. Dykstra announced that he has appointed a special faculty committee, composed of five leading Wisconsin scientists, to be known as the University of Wisconsin Emergency Inventions Development Council. The group will act as a committee for collecting ideas of any kind which might aid the nation's war efforts, he said.

"This is another way in which the State University can serve our country right now," Pres. Dykstra said. "We are already training hundreds of young men and women on the campus for

(See SEEKS IDEAS Page 3)



JOHN GUY FOWLKES

Fowlkes Named Summer Session Director at U.W.

The resignation of Scott H. Goodnight as director of the University of Wisconsin's summer session, and the appointment of Prof. John Guy Fowlkes of the school of education to succeed him, was approved by the State University Board of Regents at its recent meeting. Both recommendations were made to the Regents by Pres. C. A. Dykstra.

Dean Goodnight said in a statement that he was resigning his summer session directorship on the advice of his physician that "it would be highly inadvisable for me to attempt to remain in residence the year round." Goodnight is also dean of men at the University during the regular session, a position which he will continue to hold.

Goodnight served as director of the State University's summer session for 31 years. He became assistant director of the summer school in 1911, when George C. Sallery was its dean. The following year, 1912, Goodnight became

(See FOWLKES Page 8)

Campus Busier Than Ever; Hundreds Are Training for War

Wisconsin Grads' Round Robin Letter Travels 35 Years

A round robin letter which was started by Richard L. Loesch, who graduated from the University of Wisconsin engineering school in 1907, is still circulating after 35 years of travel.

The letter has constantly pursued its cycle over the United States and for a time included one stop in England. It has traveled about two million miles and has made at least two hundred complete cycles.

At least 1,400 letters have been written by the seven members of the group during these past 35 years. The members of this particular round robin look forward to its return after each succeeding circuit and have become more attached to "the robin" as the years roll on, declares one of the members.

The seven engineers among whom the letter was started include R. L. Loesch, Montrose, Colo.; Allen C. Hibbard, Oakland, Calif.; E. P. Hubbard, Milwaukee; C. W. Green, New York and formerly London; R. B. Anthony, Chicago; A. J. Goedjen, Green Bay; and Louis Reinhard, Milwaukee, who is now deceased.

11,000 In Classes; 500 Over Last Year

Although enrollment in regular session classes has decreased to about 9,100 students, the University of Wisconsin campus this year is as busy and crowded as it was a year ago when the State University had a record enrollment of more than 10,500 students.

The decrease in regularly enrolled students, which is only 13 per cent—much less than was expected by University officials—is more than made up by the large number of men and women who are enrolled in the United States navy radio training school and other war-training courses on the campus.

A total of almost 1,700 men and women—1,200 sailors and 470 girl bluejackets known as WAVES—are enrolled in the navy radio training school at Wisconsin. In addition, about 200 other young men are enrolled in machinists' courses for the army air forces and in diesel engine courses for the navy.

Thus, the State University has a

(See BUSY CAMPUS Page 7)

University Now on Year-Round Basis

To enable students in all divisions of the University to complete their training in three years instead of the traditional four, the University of Wisconsin faculty recently unanimously voted to put all of the colleges of the State University on a "round-the-clock" basis of operation for the duration.

The faculty adopted a resolution of the University War committee providing that a summer term of not less than 12 weeks be offered

in all University colleges during 1943, and that Pres. C. A. Dykstra appoint a special committee to consider the question of the organization of the University for such a session.

The faculty action is in conformity with action taken by the University Board of Regents, and also with former faculty decision, to the effect that the State University should do everything possible to aid the war effort.

Addition of the 12-week summer term to the University's program now enables all Wisconsin students to complete their college training in three calendar years by enrolling in three regular sessions and three of the summer terms.

The State University operated

(See YEAR ROUND Page 6)

Navy School at U.W. Graduates 248 Men

Two hundred forty-eight sailors, who had just completed an intensive course in radio code and communications at the Naval Radio Training school at the University of Wisconsin, were graduated from the school in the third commencement exercises of the school recently, and left shortly thereafter for radio duty with the United States navy. The class average of 82.05 was about 1 percentage point above that of the last class, and represented the highest record made to date. A near-capacity audience of 1,200 persons attended the commencement. About 750 men have now been graduated from the Wisconsin school.

WAVES Get First Inspection



The first contingent of 470 lady bluejackets, known as WAVES, have arrived on the University of Wisconsin campus along with

their officers, for study and training in the naval radio training school located here. The above picture shows the WAVES getting

their first review by Commander Charles F. Greene, Lieut. Dorothy C. Stratton, Lieut.-Com. Elmer H. Schubert, and Lieut.-Com. A. J. Lambert. See story on Page 8.

Alumni Association Backs U. W. War Work

Lists Ways in Which Alumni Can Aid in War

The special War Activities committee of the Wisconsin Alumni Association met in the Association offices Saturday, Sept. 26, and drafted the following resolution:

"The War Activities Committee of the Wisconsin Alumni Association expresses its full approval of all the war work which the University of Wisconsin is now carrying on. It commends the board of regents, the president, the members of the faculty, and the general student body for their initiative and co-operation with the War and Navy departments and all other federal agencies in establishing and furthering war activities.

"The committee heartily endorses President C. A. Dykstra's recent publicized statement that 'Colleges and Universities must contribute in every possible way to our supreme national effort for victory, and should devote their facilities 100 per cent to the war effort.'

"It is the judgment of the committee that President Dykstra's proposal should be carried out in fullest measure at the University of Wisconsin, and the Alumni Association hereby pledges its maximum support to that end. Your committee supports all proposals to expand the University's war program and recommends that every request of governmental war agencies for increased classrooms, teaching facilities, laboratories, dormitories, and personnel for war training and research be given first consideration over and above all University functions, making the primary purpose of the University of Wisconsin the winning of the war.

"With equal emphasis, your War Activities committee calls upon all loyal Badgers and every alumni club to co-operate in the program of war activities outlined in the attached report. Such co-operation is paramount if we are to assume the leadership and responsibility which rightfully belong to us as former students and graduates of a great University.

"Accordingly, your committee recommends the continuation and expansion of all activities now sponsored by the Wisconsin Alumni Association and its affiliated clubs and urges the development of new war activities as fast as funds and personnel permit.

"Your committee further recommends that all alumni clubs make a careful analysis of their activities to insure that these activities are closely correlated with the war work of the University of Wisconsin. This three-way co-operation is essential if Wisconsin and its alumni are to render the greatest service in winning this war and safeguarding the future of higher education.

"Respectfully submitted,
"War Activities Committee
of the Wisconsin Alumni
Association

Col. J. W. Jackson,
Chairman
Mrs. L. D. Barney
John Bosshard
Dr. H. C. Bradley
Dean F. O. Holt
Mrs. V. W. Meloche
Howard I. Potter
Guy Sundt"

The war activities program now being carried on by the Alumni Association includes a special plan for securing the names and addresses of Wisconsin men and women in service, and the sending of all Association publications, free, to alumni in service, including special "Victory Letters," a campaign to induce all Association members to write to more men in service, and a close co-operation with all University war activities.

Other suggestions made by the committee include:

1. The Association might request the Daily Cardinal to make available to the Association for mailing to University service men and women a condensed monthly summary of University news.

2. If a supply of postcards showing University buildings or grounds could be made available to the Association, they could be

mailed periodically to service men and women.

3. Articles should be published in the November WISCONSIN ALUMNUS magazine informing all Wisconsin men and women in service about the U. S. Army Institute Special Services Branch of the war department, which now operates for the express purpose of army personnel education by correspondence, and also concerning the counseling service now being carried on by the University faculty members, both at the University for the student body and throughout the state to counsel high school boys about their war preparation.

The committee further urged that alumni clubs be urged to:

4. Locate Wisconsin men and women who might be stationed nearby and develop a war activities program which will include them.

5. Hold special meetings to which service men and women located nearby could be invited.

The following suggestions were made as to what individual alumni might do to further the Association's general war activities program:

6. Write letters to men in the service, including local boys whose home ties would not be likely to bring them many letters.

7. Invite soldiers and sailors to their homes.

8. Plan weekend picnics and social affairs for soldiers and sailors who are stationed nearby or on leave in the locality.

9. Contribute suitable books, magazines, musical instruments, athletic equipment, good pictures, furniture, cards, games, etc. to recreation centers and nearby camps.

10. Stimulate churches and lodges to which alumni belong to open their doors as recreation centers for all service men.

11. Invite soldiers or sailors to ride in their cars whenever reasonably convenient.

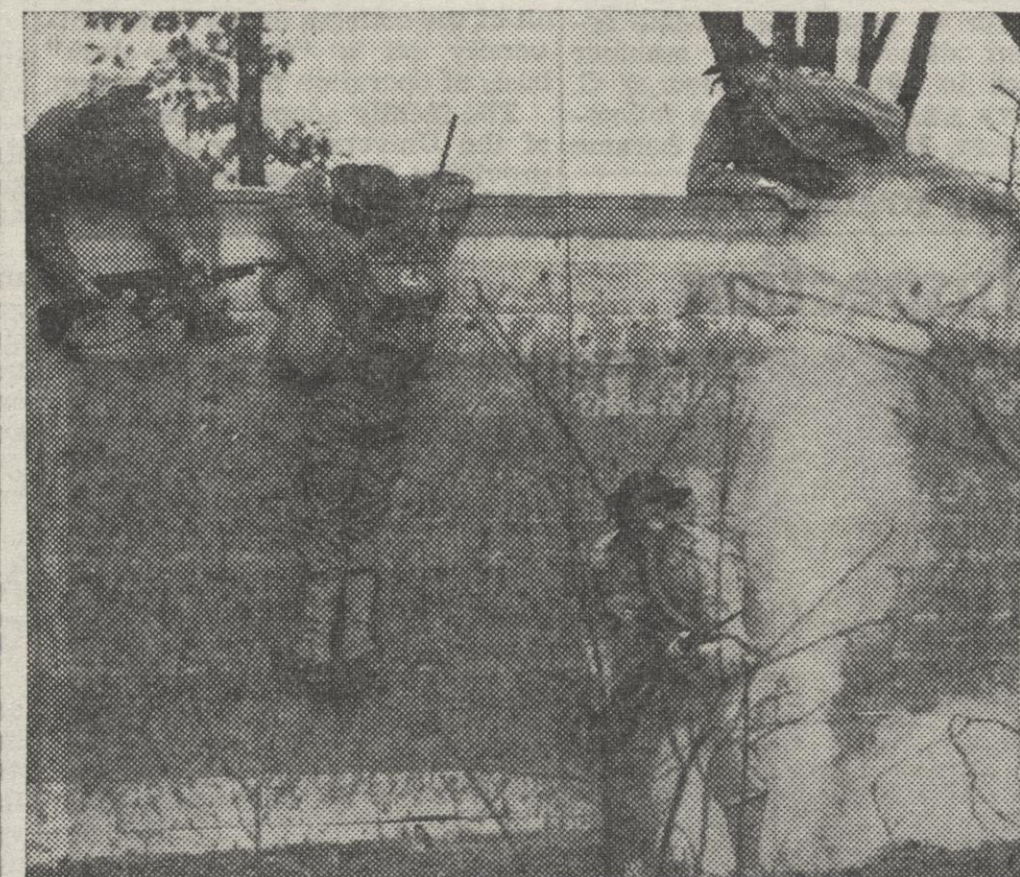
12. Invite commissioned officers or non-commissioned officers to homes, clubs, social affairs, etc. to make them and their families feel at home in the community.

20 Seniors Named Science Apprentices

Learning more of the techniques of scientific research and experimentation in order that they might be of more use in the war effort immediately after their graduation next June are 20 young men and women of the University of Wisconsin who have been granted undergraduate scientific apprenticeships by the Wisconsin Alumni Research foundation.

The apprenticeships, amounting to \$250 each, aid the apprentices to complete their studies, and to work as helpers to staff members doing research work, and at the

Get Tough Ranger Training



The University of Wisconsin's unique Reserve Officer Training corps Ranger Unit comes up and goes over the hard way, as the accompanying picture indicates. The Wisconsin Ranger unit, patterned after that of the American Rangers now in foreign service, is the only one now established at any American college or university. With gas masks covering their faces for protection against any tear gas bombs bursting

Alumni Members Get Stuhldreher Grid Letters

This year marks the seventh consecutive year that Wisconsin alumni all over the world have been reading with avid interest "The Football Letter," written by Coach Harry Stuhldreher and published by the Wisconsin Alumni Association.

The first issue, published immediately after the game with Camp Grant, was of double-barrelled interest, being, instead of the customary 4-pages, an 8-page issue chock full of news.

Seven years ago Coach Stuhldreher modestly remarked to John Berge, executive secretary of the Alumni Association, that his new novel was about to appear in the "American." Wondering how to cash in on a coach who was also a literary genius, Mr. Berge hit on an idea and the "Letter" was born—and it's been going great guns ever since.

Almost a play-by-play description of the game, described frankly and in detail by the coach, the "Letter" is appreciated alike by those alumni fortunate enough to attend the game and those who heard it over the radio.

The first issue, besides the story on the Camp Grant game, included a war-time message from President Dykstra, outlining the University's contribution to the nation's war effort; a victory message from Judge C. F. Van Pelt, president of the Wisconsin Alumni Association, summarizing the Association's main objectives for the coming year; a description of the campus at war and a page of news items of interest to alumni.

Coach Stuhldreher's "Football Letter" is sent after each game to all members of the Alumni Association and, free, to all Badgers in the armed forces by the Wisconsin Alumni Association.

At the same time gain some experience and insight into research, as well as some acquaintance with the special techniques used by investigators in the field of their major interest.

The Wisconsin Alumni Research foundation awards the apprenticeship-scholarships to juniors who have shown exceptional scholarship, research ability, and promise and have a definite financial need. The grants are for one year and are open to both men and women whose major field is in the natural sciences.

around them, the Badger cadets carry Garand rifles, Tommy-guns, and Walkie-Talkies as part of their equipment as they surge across a 400-yard obstacle course—which they call "Purgatory Path"—built on a steep wooded hill on the Wisconsin campus. The hardy Badger Rangers are using these toughening tactics this fall in preparation for more strenuous training later. See story on Page 3.

Student Center Is Living Memorial to Post War Dead

The memory of the Gold Star men and women of the University of Wisconsin is perpetuated in the Wisconsin Memorial Union on the campus, where the names of the 219 students who have died in the country's last three wars are sealed in the cornerstone and inscribed in the walnut panels of the entrance hall.

Dedicated as a living memorial to the war dead, the Memorial Union has become the center of the campus social and cultural life. It is governed by a student-faculty-alumni council, and its program is planned and run by 14 student house committees.

Four walnut panels, inscribed with the names of men who died in the Civil war, the Spanish-American war, and the first World war, dominate the Memorial hall, main entrance lobby of the building. The same names were sealed into the cornerstone of the building in an impressive Memorial day ceremony May 30, 1927. With them the University's Military Service record of 10,000 names was also sealed.

U. W. ROTC Excellent

The University of Wisconsin Reserve Officers' Training Corps has received a rating of "excellent," it was announced by Pres. C. A. Dykstra recently. The rating was the result of the annual United States army inspection of the corps held on the campus.

Badgers in Service Appreciate Receiving Alumni Publications

From all over the United States they come, letters from Badgers in service everywhere, expressing their appreciation over receiving the Wisconsin Alumni Association publications, free, sent to them by the Association.

R. William Zabel, '42, a second lieutenant in the Marine Air Corps, writes from the U. S. Naval Air Station at Corpus Christi, Texas: "It was a pleasant surprise to receive my issue of the Wisconsin ALUMNUS this month. It certainly is encouraging to know our friends at home are extending themselves to make the lots of the thousands of Badgers in service much easier. Not that any of them feel they need sympathy or encouragement; rather that they feel they are still a part of Wisconsin life and can return to it when they've finished the job ahead of them."

Another letter, this time from Fort Sheridan, Illinois, reads: "I am in receipt of your letter of the 21st and am writing to thank you for arranging to send me the publications. When I am in a position to start paying my dues again I will forward the money to you.

"I'm sure that we of the alumni who are in the armed forces will be grateful for the favor you are extending to all of us. . . Yours with a burning alumni spirit," Corporal Robert Hofmann, '41.

Ensign Manny Brown, U.S.N.R., '40, who will be remembered to many as the sports editor of the Daily Cardinal, writes: "There is no need for elaboration on how I feel about going into the Navy. I can only say that now it's my turn to give those rats a good old Wisconsin punch, and I'm going to make the most of my chance.

"I would like to express my thanks, however, along with the many other Wisconsin alumni here in Washington who feel the same way about the splendid service the Association has done in keeping us well informed about doings back home, and acting as a dominant force in knitting together all Wisconsin alumni, no matter where. Keep it up, we're plenty proud of the grand work you're doing."

You readers can play a vital part in "the grand work" by becoming a member of the Association and helping to send all Association publications and special Victory Letters, free, to Wisconsin alumni in the armed forces. You can send \$4 for a regular membership, \$10 for a Victory membership (the extra \$6 finances the sending of the publication to the men in service) or \$2 for an intermediate member-

University to Keep War Record of Its Alumni in Service

A new service department created by the University is that of a War Records Clerk in the Alumni Records Office, designed to keep track of Wisconsin alumni and faculty in the armed forces. Miss Mable Wiley, formerly secretary to the business manager of Wisconsin General Hospital and secretary to the chairman of the Department of Education, will take over the new duties of gathering information about Badgers in service.

The War Records department will endeavor to keep a complete file record of each alumnus in military service, noting promotions, changes of address, honors and distinctions won. It is hoped that after the war the Alumni war records will show a complete picture of what the University and Alumni have contributed in World War II.

The War Records Clerk asks relatives and friends of alumni servicemen in the army, navy, or marines, to send a card with his (or her) name, correct address, and a short history of his military career to Miss Mable Wiley, Alumni War Records Office, Memorial Union, Madison, Wisconsin.

The War Records Office is another step in the program of services for Badgers in the armed forces. The Wisconsin Alumni Association is now sending all its publications carrying fresh news from home, free, to Wisconsin alumni in service.

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ship (classes '38 to '42), to the Wis. Alumni Association office, 770 Langdon Street, Madison, Wisconsin. Or do as many of your fellow alumni have done, send in a letter with a dollar bill enclosed, signifying that you intend to do your share in getting the news to the fightin' Badgers by helping to send them all Association publications, free.

New Alumni Editor



JEANNE LAMOREAUX

Miss Jeanne Lamoreaux took over her new duties September 21 as Editor of the WISCONSIN ALUMNUS, official publication of the Wisconsin Alumni Association. She succeeds Harry Thoma who is now a member of the armed forces.

Miss Lamoreaux was graduated with honors from the University of Wisconsin School of Journalism in June, 1940. During her junior year she was one of eight candidates considered for the award granted each year by the Wisconsin Alumni Association to the outstanding junior woman on campus. She was vice president of Theta Sigma Phi, national honorary and professional journalism fraternity, vice-president of Professional Pan-Hellenic Council, and affiliated with Alpha Chi Omega.

For the past two years Miss Lamoreaux has been employed by L. S. Ayres and Company of Indianapolis, Indiana, as home furnishing copywriter in the advertising department.

3,000 Enrol in Physical Fitness Program at U. W.

Nearly 3,000 men at the University of Wisconsin are now enrolled in the State University's new physical fitness program designed to help its men students in meeting the demands that will be made on them in the war effort.

This means that the men's physical education department enrollment is approximately three times as large as it was two years ago when one year of physical education was required of all men. Last year enrollment in the department dropped because of the state's ruling that all men be required to take two years of reserve officers' training, but didn't require the physical education. Now all freshmen and sophomore men are required to enroll in both ROTC and physical education, or ROTC and band.

"The basic course in which most of the freshmen are enrolled is designed to equip a boy to make a better showing in any branch of the military service," Prof. A. L. Masley, chairman of the men's physical education department, declared. "We are teaching the basic skills, such as running, jumping, throwing, and swimming. Incorporated in the course is much of the training required at many of the elementary service training stations."

Testing of the freshmen for proficiency in the basic skills and entrance into the sophomore courses or in other athletics is not yet completed, but it is expected that most of the freshmen will remain in the basic course, Professor Masley reports.

Freshmen and sophomores who pass the required swimming tests are then required to take a quarter of a year of boxing or wrestling before going on to the higher courses, according to the new program. These courses are planned to help in training in the art of self defense.

Freshmen who pass the proficiency tests, and sophomores with the swimming and boxing requirements fulfilled, will then be allowed to take their choice of participation in varsity athletics, work in intramural sports or work in sports skills and self defense activities.

The faculty committee planning the program designed it to prepare these 3,000 young men mentally, emotionally, and physically for war emergency purposes, and prepare them as well to work and live after the war is over.

200 U. W. Men Learn Ranger Tactics in Campus Training

Two hundred University of Wisconsin men are now receiving training designed to toughen them and acquaint them with the tactics of the Army Rangers as the State University military training department's specialized cadet corps stages regular maneuvers over a gruelling 400-yard obstacle course on a steep hill on the University campus.

The University of Wisconsin is the first United States university to establish such a unit, and will later train most of those enrolled in the Ranger training in a separate Commando unit, which will teach sea-borne invasion tactics.

The obstacle course, built to last for 50 years took six weeks to build, and was laid out by Reserve Officers Training corps engineers with labor furnished by the Army Air Forces machinists unit training on the campus. It is laid out in a circle, beginning with several high hurdles, followed by log obstacles, high ladders, simulated sunken trenches, tank traps, and wire entanglements.

A wooden tower denoting a water hazard has been constructed at the highest point of the obstacle course. Here the men are required to draw themselves up to the platform by ropes, sailor-fashion, and to climb down again on a rope "landing mat".

Two 10-foot barriers, one of them screening a deep trap, and finally an 8-foot wooden obstacle

Here Are 6 Fighting Badgers!



JACK WINK

DAVE SCHREINER

PAT HARDER



PAUL HIRSBRUNNER

ELROY HIRSCH

MARK HOSKINS

Although Coach Harry Stuhldreher's entire "iron-man" Badger football squad has been playing the "fightin'est" brand of football seen at Camp Randall in many a year, the six young men pictured above can be credited with a good share of Wisconsin's success on the gridiron this fall.

As this is being written, the Badgers have gone through the first half of their 10-game schedule—the toughest schedule in Wisconsin football history—and they have won four and tied one. Wins have been against Camp Grant, 7-0; Marquette, 35-7; Missouri, 17-9; and Great Lakes, 13-7. Wisconsin fought Notre Dame to a 7-7 tie.

Elroy Hirsch and Jack Wink are the two sophomore newcomers on

the team this year, but both of them have been important cogs in the Badger grid machine. Hirsch, at left halfback, is called the "Ghost" by his team mates, and ghost he has been to opposing teams, breaking away from seemingly certain tackles to score touchdowns on long runs. Wink, at quarterback, has done a great job of piloting the team in battle, and scored a 101-yard touchdown run against Great Lakes after intercepting a pass one yard within the Badger end zone.

Harder at fullback, Hoskins at right half, Hirsbrunner at tackle, and Schreiner at end are all continuing the great work they did on the gridiron for the Badgers last year, and are mainstays of the Cardinal offense and defense again this fall.

New Treatment for Infantile Paralysis Being Tried at U. W.

From the Australian bush country came a new kind of treatment of infantile paralysis, dreaded scourge of childhood, which is now being tried at the State General hospital at the University of Wisconsin.

No heavy braces and awkward splints are used in this new plan, known as the Kenney treatment, to prevent permanent crippling of victims of infantile paralysis. The Kenney treatment is being introduced in Wisconsin through funds donated by the Manchester family of Madison.

Since the treatment is most effective in the first stages of the disease, and there have been only a few cases of poliomyelitis in the state this year, only a small group of children are receiving the treatment. However, their progress is being watched carefully throughout the state as a gauge of its effectiveness.

The Kenney method calls for use of water, heat, blankets and massage, and for cooperation of the patient. The sooner the child reaches the hospital the better his chances of complete recovery, preferably within a few hours or days after the disease is diagnosed as infantile paralysis.

Strips of wool blanket, cut to fit the affected parts, are sterilized, heated, and wrapped about the limbs, leaving the joints free. The steaming packs, called "foments" by the medical profession, are renewed every two hours. As soon as the pain has lessened, trained physiotherapists start massage and encourage the patient to exercise the muscles.

This is the chief difference between the Kenney system and methods commonly used—the muscles are put to work immediately. Instead of allowing the muscles to be idle for several weeks, muscular reeducation begins as soon as the intense pain lessens.

Complete recovery with no crippling deformity often takes place in four to six weeks, reports show. Four out of five patients undergoing treatment within two weeks after the start of the disease will recover with no traces of crippling, according to the American Medical Association.

Experiments at the hospital at the State University are too recent for any conclusions to be drawn, Dr. Harold Coon, hospital superintendent, said. However, should an outbreak of the disease occur suddenly, the orthopedic section of the hospital is prepared to handle it.

A 22-bed section of the children's hospital has been walled off as an isolation ward. Isolation is of great importance, Dr. Coon emphasized, since best results are obtained if patients begin treatment during the quarantine stage. Consequently, the hospital is equipped with special diet kitchens and equipment so there is no danger of other hospital patients coming in contact with the contagious victims.

An Australian chief nurse, Sister Elizabeth Kenney, devised the treatment in 1910. It has been adopted throughout Australia, and in 1940 Sister Kenney came to the United States to demonstrate the method. Wisconsin General's chief physiotherapist last winter took a three-month course under her at a center for training American nurses in the treatment in Minnesota.

They Get The News!

Students in the University of Wisconsin School of Journalism during the second semester of the last school year gained practical newspaper experience by writing and having printed a total of 4,981 column inches of news matter in Madison newspapers. This would fill over 31 standard newspaper pages with solid reading matter.

Regents Name Visitors

Two appointments of the University Board of Visitors were made by the University Board of Regents at its recent meeting. George P. Hambrecht, Madison, was reappointed to the board for a term ending in 1946. Marcus Jacobson, Waukesha, was appointed to succeed the late Fred H. Dorner on the board for a term ending in 1944.

Train More Nurses

As a means of helping to meet the need for more nurses the University of Wisconsin School of Nursing is accepting students for the three-year nursing course again. This course consists of one year of academic work at the University and 27 months of class room instruction in war practice at the Wisconsin General hospital. Upon the successful completion of this course, a certificate of nursing will be granted.

Seeks Ideas---

(Continued from Page 1)

the armed forces of the nation, and more than 100 of our staff members are now engaged in war work of one kind or another for the federal government. This new work will permit us to extend our war service even further."

Chairman of the committee is Dr. H. B. Wahlin, of the physics department, and other members include Edwin R. Shorey, of mining and metallurgy; Dr. Perry Wilson, of agricultural bacteriology; Dr. Frederic Mohs, of the medical school; and Marvin J. Johnson, of biochemistry.

"The committee will welcome ideas from all sources on the campus, from both students and faculty members, as well as from citizens throughout the state," Chairman Wahlin said. "These ideas will be collected and transmitted to those persons or organizations where we feel they will do most good in the war effort."

"People should not worry whether or not they think their idea is impractical, because what may seem impractical now may

108,000 Now Listed in U. W. Alumni Office

With the addition of the 1942 graduates the alumni records office at the University of Wisconsin now has on file the records of approximately 108,000 alumni of the State University.

Included in these files are the records of almost 3,000 alumni who are now in the service of the United States government.

The alumni office began keeping records of all students who had completed at least one semester here in 1925. Until that time the registrar's office had maintained files of the graduates only. Although the list was completed as nearly as possible at that time, there still remain about 20,000 so-called "lost alumni."

Information about the addresses or location of any Wisconsin alumni, now especially those in the service, is being sought by the office, and anyone having such information is asked to send it to the alumni records office at the University in Madison. This will be valuable to the men in the service because the alumni association is sending complimentary subscriptions of the alumni magazine to all alumni in the service. In addition, these men will receive a series of victory letters and all of the football letters published by the association.

Of the alumni in the service, 134 are definitely known to be not in the United States; and 109 others are receiving their mail through postmasters in California, Washington, and New York.

Largest number in service outside of the continental United States is located in Hawaii. Alaska, Panama, and the Philippines each have 13 Wisconsin alumni. Others are scattered around the world in the following countries: Australia, 8; Bermuda, 1; British West Indies, 4; Canada, 3; China, 2; Cuba, 2; England, 5; Iceland, 10; India, 1; Ireland, 1; Newfoundland, 1; Puerto Rico, 8; Scotland, 1; Chile, 1, and the Virgin Islands, 3.

not be later," he emphasized. "The committee will welcome any ideas on anything from a better anti-tank shell to a substitute for tin foil wrapping for cheese."

Dr. Wahlin made it clear that the committee does not take any responsibility for patents or patent search in connection with any ideas submitted. But he explained that wherever possible, ideas, if not fully developed, will be developed on the campus under agreement with the originator of the idea.

They All Want Mail!

They all want news from home, about their University, their faculty, their alumni-friends. The Wisconsin Alumni Association sends all its publications free to alumni in service. Here's your chance to help finance the extra load by becoming a member of the Association. And you, too, will receive Stuhldreher's FOOTBALL LETTERS after each game, the 100-page WISCONSIN ALUMNUS magazine, and other privileges exclusive to Association members.



"Don't let it get you, general—we can't all be lucky!"

Reproduced by Special Permission of the Saturday Evening Post

Wisconsin Alumni Association,
770 Langdon Street, Madison

1942

Regular Membership...\$4. Victory Membership...\$10

Intermediate Membership (classes '38 to '42).....\$2

Name Class

Address

City State

Staff Praised for Cooperation in War Work

The University of Wisconsin faculty was given high praise by Pres. C. A. Dykstra at its first meeting of the school year on the campus recently for its "fine spirit of cooperation and its generous services during the critical war period" in helping the State University carry on its work.

At the same time, Pres. Dykstra urged the faculty to give "earnest consideration to the role of our University in the immediate years ahead". He listed numerous facts and tendencies which he declared should have attention and study "if we are to do our immediate job well and get ourselves ready for what may come".

"Meanwhile, we carry on, in some cases under handicaps but with courage and goodwill," he declared in his opening address to the faculty members. "I take this occasion to thank you all for your generous services in a critical period. You are called upon to give time and thought to the problems which face students as never before.

"Some of you have volunteered to teach in other than your own departments," he continued. "Many of you are helping prodigiously in civilian defense tasks. You are helping to finance the war effort in countless ways. Your compensation has not been increased in proportion. But we in universities will have to do every necessary thing to make sure that we can conserve what to us seems of significant importance—the survival of the University during war times.

"We who believe in education have a charge to keep and a future to guard," he maintained. "This is, of all times, one in which we must see to it that 'the light does not go out'. We are the eternal optimists and idealists. In spite of discouragement let us continue to have faith in education as our one great hope. Let us discover that kind and form of education which will serve the kind of world which we hope is in the making. That will be our contribution to the world of the-ought-to-be. We cannot strive for less."

Pres. C. A. Dykstra said that he was "glad to register here the overwhelming desire of the universities of the United States to give our country every possible service in her hour of need." This immediate hour of need, he emphasized, is a war emergency with all that war means.

"We have a war to win," he said. "We have, later, a peace to build, and if the statesmen of the United Nations can be trusted as prophets, a new kind of world to prepare for."

U.W. Man Wins Dairy Award; 8th in 6 Years

A Wisconsin man—the third in the past four years to receive such an honor—has been awarded the Borden prize for the year's most meritorious contribution to the science of dairying. The award, presented to Hugo H. Sommer at the recent meeting of the American Dairy Science Association, consists of a gold medal and \$1,000 in cash. Sommer has been on the University of Wisconsin staff since 1917, and took his undergraduate work at the University. Selection of award winners is based on the general value of a man's research, rather than on some specific project. Of 12 Borden award winners since the honor was begun six years ago, eight have been associated with the University of Wisconsin as students, graduate students, or faculty members.

Science Lecturer

Dr. C. A. Elvehjem, professor of agricultural chemistry at the University of Wisconsin, has been named by Sigma Xi, national honor fraternity for the promotion of scientific research, as one of five leading American scientists to be 1943 national lecturers for the fraternity. Dr. Elvehjem will discuss "The Present Status of the Vitamin B Complex."

He Will Tell His Own Story



DR. EDWARD ASAHEL BIRGE

Dr. Edward Asahel Birge, Wisconsin's "grand old man," the only living past president of the University, has taken time off from his scientific research to write his own biography — the personal side of the seven years he was president of a great state University.

The biography, which will appear in the November issue of the Wisconsin Alumnus, official publication of the Wisconsin Alumni Association, resumes an interrupted series of biographies of past presidents of the University, a series which gained widespread interest and appreciation among alumni. Each biography was by an author chosen for his capabilities and close associations with his subject.

Dr. Birge's biography is, of course, the only one of the series written in the first person. Taking the form of a letter, it reads as a fascinating recital of the highlights of the presidency (1918-1925) of a man who took over the direction of the University during the trying years of the first World War, and began reorganization of peace time educational policies for the University. Much space is given to the special session of the legislature, May 25-June 4, 1920, which authorized and provided funds for the Hospital, the four-year medical course, and the post-war adjustment of salaries.

Personal sidelights such as the dramatic skirmish between Dr. Birge and Mr. W. J. Bryan on the subject "evolution," and the chatty style Dr. Birge uses in writing

make the sketch very humanly interesting.

"So, while I can not write the history of my presidency I will try to tell you something of the personal side of that important septennium of my own life. I will write something about the way in which I came to be president and I will tell something about my aims and purposes while I was attempting to carry the duties of the office. I shall say little about their fulfillment."

In this biography Dr. Birge makes public for the first time much background history concerning his administration. In his own words: "I have written frankly about this matter (readjustment of faculty salaries during the boom of the early 20's) and I have told much that I never made public before. I thought it wise to do so, since we are now well along in a social revolution, which makes all this narrative little more than an old story . . ."

Dr. Birge, who celebrated his 91st birthday September 7, is a world renowned scientist and authority on lake life. Since retiring as president of the University in 1935 he has spent most of his working hours in the study of the lakes of Wisconsin.

The chapter on the presidency of the late Dr. Glenn Frank, written by Fred Holmes, '06, Madison attorney, will appear in the February issue of THE WISCONSIN ALUMNUS.

Frosh---

(Continued from Page 1)

seated last September just where you sit today—are in the far corners of the world or in training camps in this country," Pres. Dykstra declared. "Some have 'gone west.' You are their successors. To you their torch has been given. These things make us thoughtful today and tempt us to reminiscence.

"It would be fitting to call the roll of those who have gone before you and to tell their story. But you too have work to do and we must be about it. We do pause, however, for a moment to do honor to our boys who have made the supreme sacrifice, whether at Bataan, in the Coral Sea, at Midway, in Africa, or across the English Channel. Let us stand in silent recognition of their contribution to a future world of peace."

Pres. Dykstra urged the first year students to work hard during their freshman year, to train themselves for the tasks of war as well as those beyond the war. He warned the young men and women that they had "the individual and personal responsibility to get ready" to serve their nation when called to duty.

"Our eyes must be riveted to the future and our task is to plan that future and get ourselves ready to function in that future," he maintained. "In the meantime we have work to do—we have a victory to achieve by the hard road of war. War too, however, requires preparation and planning and the strategic use of manpower. It requires training — hard training. You are training for the tasks of war as well as those beyond the war. You are in that pool which is to be drawn upon as need arises.

In what condition will you be, how well prepared when the call comes?

"Yours today is therefore the individual and personal responsibility to get ready," he continued. "You are in the training camp no less than are the soldiers and sailors who walk this campus with you. Yours is the obligation to live under a discipline which will stand you in good stead next year or the next. You must learn to work as you never worked before. You must be in condition for your great service.

"It is to this spirit of hard work and responsible endeavor that I welcome this freshman class," he declared. "Let it be the hardest working class ever to come to this campus. You will find fun here and recreation to give you relief and joy. I am aware of this and glad too. 'All work and no play makes Jack a dull boy.' Even the armed forces know this old maxim. But the armed forces ask what we ask—work when you work and then play. I have no apology, therefore, when I summon you to a year of work such as you have never done before."

Radio Teaches Spanish

With a course in elementary Spanish, starting Oct. 12, the University of Wisconsin is offering foreign language study by radio over the University radio station, WHA. The course, taught by the department of Spanish and sponsored by the University Extension division, covers two semesters and gives four University credits to students qualified for university entrance who formally enroll for it and who complete the work of both semesters.

Students Set Up War Stamp Buying Plan

Believing that one of the best ways for students to contribute their part to the war effort is for them to buy war stamps regularly, a group of University of Wisconsin students has organized a war stamp campaign on the campus, under which many students have pledged to buy a certain amount of stamps every week.

Wednesday is War Stamp day on the State University campus, and students are reminded that it is the day for their purchase. Those living in organized houses have their stamps brought to them by a house representative. Other students may purchase their stamps from the Memorial Union desk or at other points on the campus.

"We feel that students fortunate enough to remain in school can best do their part for the war effort now by buying their war stamps regularly," said Peggy Mann, chairman of the campaign. "It has been found that by bringing the stamps regularly to the students they will buy more than they would otherwise," she explained.

The plan was first organized during the latter part of the second semester last year. During the six weeks that the campaign ran, students purchased \$4,000 worth of stamps. This year, with better organization and the securing of pledges, the war stamp committee hopes to sell \$10,000 worth of stamps each semester, a total of \$20,000 by next May to be sent to help beat the Axis.

Helps Army, Navy

Miss Ruth B. Glassow, associate professor of physical education for women at the University of Wisconsin, reported in Washington, D. C., early in October to work in collaboration with army and navy officials on a college physical fitness manual. Miss Glassow's services were requested by the federal office of education.

Edwin G. Hastings, professor of bacteriology at the University of Wisconsin, was honored for a lifetime of outstanding service in the field of science by Ohio State University at its 1942 graduation exercises at Columbus. The Wisconsin scientist was given the degree of Doctor of Science.

U. Electric Standards Lab Serves State Power Users

Checking the accuracy of Wisconsin's electrical meters, serving as a consulting engineering agency for all state institutions and several state departments, and performing special tests for Wisconsin industries, the Electrical Standards laboratory at the University of Wisconsin is of service to every electricity user in the state, Royce E. Johnson, director of the laboratory, revealed recently.

The laboratory, which is cooperatively operated by the State University and the Public Service Commission of Wisconsin, has had an increasing opportunity to be of service as the number of electrical users has increased and as standards of satisfactory electrical service have been established, Johnson explained.

"It renders a service which can be furnished only by a laboratory having available the great variety of equipment found in laboratories of the electrical engineering de-



ROYCE JOHNSON

Library Ranks Among Top 30 Survey Shows

The University of Wisconsin Library was ranked among the top thirty libraries of the United States on the basis of the excellence of its collections for the advanced study and research in 17 specified fields in a recent survey by the Board of Resources of the American Libraries of the American Library association.

In the survey, which was printed in the Library Quarterly, 500 authorities were asked to state where, in their opinions, the best library collections on 75 different subjects were located. Wisconsin ranked twentieth on the list of libraries which were most frequently mentioned, according to the listing in the quarterly. This listing ranked the libraries only by the number of fields in which they were outstanding, and not on the degree of excellence of any one branch of the library.

Libraries considered worthy of mention in one field or another numbered 250. The fields in which Wisconsin was considered by the authorities to be among the best included American, German, and Spanish literature; United States, Medieval, and English history; general economics, labor and industrial relations, public finance and taxation; scientific maps, entomology, bacteriology; agriculture, soil science, animal nutrition, and veterinary science.

U. W. Enrols 2,574 in Military Training

Final enrolment in the University of Wisconsin Reserve Officers' Training corps this year has reached a total almost three hundred above the quota set by the department before registration began. A total of 2,574 cadets are now being trained in the department. Only 2,282 were expected by the department heads. Of the number now enrolled in the courses, 1,690 are freshmen and approximately 775 are sophomores. The advanced students number 209. This enrolment is the largest in the history of the State University's military department.

partment of a large educational institution," the director said.

The principal types of service rendered by the laboratory, he continued, are:

First: Standardization of meters for electric utilities. This work is of particular importance to the Public Service commission.

Second: Consulting electrical engineering services for all state institutions and several departments are furnished by the laboratory staff.

Third: Miscellaneous special electrical tests are performed for Wisconsin industries for which other laboratories in the state are not equipped.

Fourth: The laboratory's activities furnish gainful employment and practical experience for between five and ten electrical engineering and other students. The laboratory equipment also provides facilities for electrical engineering courses and graduate research.

"The importance of the accuracy of electrical meters used by public utilities in Wisconsin is illustrated by the fact that a uniform error of only one per cent in the calibration of portable standard meters used for testing house meters and power meters would affect over 750,000 meters and would have cost the people of the state about \$572,000 in 1940," Johnson revealed.

The consulting services of the laboratory enable other state departments to make considerable savings by not carrying a full-time engineer on their payrolls, he continued. He illustrated the service to industry by telling of special tests on porcelain products, household appliances, motor, fluorescent lighting fixtures, and emergency repairs on electrical instruments, field tests and surveys, and tests on electrical fence controllers.

Universities Are Key Centers In America's War Efforts

The United States government today considers America's institutions of higher learning as key centers in the war effort, Pres. C. A. Dykstra of the University of Wisconsin declared in a recent address before the American Library association convention meeting in Milwaukee.

At no time in human history have universities seemed so important in a national effort as they are right now in the United States, Pres. Dykstra maintained, pointing out that "the government without question considers them a wartime necessity and it is using them as they never have been used before."

"Universities and colleges are reservoirs for the recruiting of fighting men, of specialists for national services, and teachers of men in training," he declared. "Their laboratories are being used 24 hours a day and their plants in general are being made available for national service. Their facilities are being used instead of providing new facilities in many areas."

"The government without question considers them a wartime necessity and it is using them as they never have been used before. Moreover, it is indicating in no uncertain terms that it wants these institutions to carry on their regular training and educational programs so that we may have a supply of men who can meet the challenges of next year, and the year following and so on into the days when we may have peace again. It does not want to face the fact of a lost generation of educated leadership."

America's national policy at this time contemplates the maintenance of vigorous and comprehensive educational programs, not in spite of the fact that we are at war, but because the war effort and the peace to follow require such services as universities have to offer, Pres. Dykstra explained.

"Such a policy requires from universities adaptability, resourcefulness, an awareness of national needs, selflessness and devotion to the national effort, and a willingness to put first things first during a period of world conflict," he asserted.

"To do this does not require the sacrifice of standards or the relinquishment of long time objectives. It means only a temporary redirection of certain activities and changing emphasis where it becomes necessary. Our task in general remains the same, the education of the new generation, the making of citizens, the pushing outward of the boundaries of knowledge, and the serving of our country and our generation in practical ways, which will make our national life more decent and wholesome."

Pres. Dykstra referred to the University of Wisconsin as one of the nation's larger universities that has gone "allout" in its efforts to aid the nation's war program. He explained that the University is helping to train hundreds of sailors and WAVES for navy radio work; that it is training machinists for the army air corps; that it is the center for the U. S. army's correspondence study by extension; that it is giving technical training and study to young men who have enlisted in the army, navy, or marines so that they will be better fitted for service when they are called; that many of its faculty members are working on science research projects for the war program, or have been called for technical service with the army or navy, or are helping to train army and navy men in special schools on the campus; and that a considerable portion of the University's science research laboratories and facilities are now being used on problems connected with the war effort.

U. W. Phy Ed Grads Work in Many States

More positions are open for physical education directors than there are qualified graduates to fill them, according to Miss Blanche M. Trilling, director of the department of physical education for women at the University of Wisconsin. All of the available June graduates of the University have been placed, and requests for additional teachers are still being received, Miss Trilling reports. Graduates have been in demand as recreational leaders, physical therapists, and U. S. O. and Red Cross workers, as well as teachers.

Keep 'Em Scoring on Grid, at War Is Homecoming Theme

Keynoted by the slogan "Keep 'Em Scoring" the annual University of Wisconsin homecoming celebration Saturday, Oct. 31, will be aimed toward honoring Wisconsin men in service and promoting the war effort. Thousands of Wisconsin alumni scattered throughout state and mid-west are expected to return for the event, feature of which will be the football game between Wisconsin and Ohio State.

An organized scrap metal drive in which all fraternities, sororities, dormitories, and organized lodging houses are expected to participate, will substitute the usual house decorations contest. The houses will compete in piling the scrap in front of their buildings, and the cup will be awarded to the organization producing the largest pile.

The sale of homecoming buttons will finance the affair again this year, but the buttons will be in the form of a football composed of plastic material instead of the usual metal. A large "W", a football player, and the slogan "Keep 'Em Scoring" will be printed on the button.

Homecoming activities will begin on Friday evening, Oct. 30, with a large pep rally on the lower campus. Following the Ohio State-Wisconsin football game at Camp Randall Saturday afternoon, all alumni and guests of the University will be honored at a coffee hour to be held in the Memorial Union.

"W" Men in Service

While enlistments are going on so fast that an up-to-date tabulation is impossible, the count of former University of Wisconsin letter winners now in service is 106. Former "W" men can be found in all types of service and three of them have already given their lives for the cause of the United Nations.

4 U.W. Alumni Serve On Railway Labor Panel

Serving on a nine-man national railway labor panel under newly-organized machinery are four University of Wisconsin alumni appointed by President Roosevelt. They are William M. Leiserson, graduate of 1908, who was named chairman of the new panel; Judge Wiley Rutledge, who graduated in 1914 and is now associate justice of the United States Court of Appeals for the District of Columbia; Dr. Edwin E. Witte, who graduated in 1909, and is now a professor of economics at the university; and John A. Fitch, 1909 graduate, director of industrial courses at the New York School of Social Work.

Class of '42 Adds \$500 to War Memorial

A check for \$500, to be added to the University's War Memorial fund, was the gift of the graduating class of 1942 to the University of Wisconsin. The gift was presented to Pres. C. A. Dykstra by Burleigh Jacobs, Wauwatosa, president of the senior class, at the University's 89th commencement exercises.

In presenting the gift to the University, Jacobs declared:

"The senior class of 1942 feels privileged to present to the University War Memorial fund this check for \$500. This war memorial is to be established after the war for the study and promotion of peace and security throughout the world. This class gift differs from the usual physical monument, but we, the class of 1942, who will actively participate in this struggle, are of the feeling that this memorial will be lasting and of greater significance."

The War Memorial fund to which the senior class gift will be added was established on the campus last winter after America's entry into the war. The fund is being invested in war bonds for the duration, and after the war will be used to establish the memorial.

No definite plans have yet been made for the actual nature of the memorial, but it has been suggested that it should be something serviceable—something to further the cause of liberty and democracy. One suggestion is that it be used to set up a professional chair and staff to devise and carry on a study in the field of international relations, such as a study of the causes and cure of war.

Oh Where, Oh Where Are These "Lost Alumni" Now?

"Oh! where, oh! where, have our lost alumni gone, oh! where, oh! where, can they be?" is the top song on the hit parade now being sung in the Wisconsin Alumni Records office.

Here's a list of 50 alumni currently listed as "lost" in our files—any correct address or information leading to the obtaining of a correct address thereof will be greatly appreciated.

Please send any information you might have on the present whereabouts of alumni on this list to the Alumni Records office, 770 Langdon Street, Madison, Wisconsin.

- Abbott, Clayton C. (M.A. '26)—1413 Mound St., Madison, Wis.
- Ansfeld, Fred J. (B.S. (Med) '32)—2751 N. 47th St., Milwaukee, Wis.
- Bandelman, Oliver J. (B.S. (CE) '24)—Delta, Utah.
- Barney, Edward B. (B.S. (ME) '35)—2658 N. Grant Blvd., Milwaukee, Wis.
- Barrett, Laura C. (B.A. '28)—1400 Whitney Ave., New Haven, Conn.
- Braasch, William K. (B.A. (CC) '12)—Evanshire Hotel, Evanston, Ill.
- Brown, Randolph F. (B.A. '16)—36 Avon Rd., New Rochelle, N. Y.
- Cieszynski, William F. (B.A. '40)—3207 W. Drury Lane, S. Milwaukee, Wis.
- Cotterill, Robert S. (Ph.D. '18)—308 Burns Ave., Winchester, Ky.
- Crane, Walter N. (Ph.B. '33)—1032 E. 46th St., Chicago, Ill.
- Dickinson, Don C. (B.A. (CJ) '15)—29 S. La Salle St., Chicago, Ill.
- Drobka, Edwin J. (B.S. (ChC) '38)—4910A S. Packard Ave., Cudahy, Wis.
- Eiseman, Cecil L. (B.A. '26)—Hotel Cooper Carleton, Chicago, Ill.
- Evans, Edward M. (B.S. (CE) '94)—4342 N. Hermitage Ave., Chicago, Ill.
- Fawcett, Mrs. Carol Hill (B.A. '16)—64 E. Van Buren St., Chicago, Ill.
- Fry, Will E. (LL.B. '32)—Room 404, Citizens Natl. Bank Bldg., Hot Springs, Ark.
- Gleysten, Agnes J. (B.A. '24)—Lamberton, Minn.
- Gruenberg, Mrs. Herbert M. (Helen D. Barnard, B.A. '30)—418 Central Park W., New York, N. Y.
- Hansen, Harold E. (B.A. '39)—1256 Spaight St., Madison, Wis.
- Kearney, Edgar (B.S. (ME) '06)—1819 Chestnut St., Philadelphia, Pa.
- Koskinan, Clyde J. (B.S. (ME) '24)—39-23 Corporal Stone, Bayside, N. J.
- Kotenberg, Albert W. (Ph.G. '20)—9226 Wade Park Ave., Cleveland, Ohio.
- Kotinsky, Ruth (B.A. '23)—216 E. 36th St., New York, N. Y.
- Kottnauer, Edwin H. (B.S. (Ch.E.) '14)—3720 Telegraph Ave., Oakland, Calif.
- Lawrence, Harold A. (B.S. (ChC) '29)—304 N. Chicago Ave., Freeport, Ill.
- Levitt, Earl N. (B.A. '40)—Shorecrest Hotel, Milwaukee, Wis.
- Lippmann, Eleanor (B.A. '37)—1605 John St., Superior, Wis.
- Lober, Mrs. Albert P. (Alice E. Lincoln, B.A. (CJ) '21)—532 W. 111 St., New York, N. Y.
- Maresh, Frank (B.S. (ChE) '27)—Box 88, Carrollville, Wis.
- Mountain, William J. (B.A. '22)—754 Post St., San Francisco, Calif.
- Moynihah, Athol J. (Ph.B. (Gen) '26)—River Falls, Wis.
- Mundstock, Edward H. (B.A. (CC) '28)—1007 Spaight St., Madison, Wis.
- Natarus, Rosalie C. (B.S. (HEC) '36)—520 Hamilton St., Wausau, Wis.
- Naylor, Vera E. (B.A. '18)—1332 Dodge St., Lake Geneva, Wis.
- Pollack, Max (B.S. (CE) '41)—810 N. Yale Dr., University City, Mo.
- Royce, Mrs. Edith Hull (B.A. '31)—26 E. 10th St., New York, N. Y.
- Salisbury, Ruth A. (B.S. (ArtEd) '39)—2701 Kendall Ave., Madison, Wis.
- Schwegler, Mrs. Henry (Bernice I. Meiselwitz, B.S. (HEC) '27)—2039 Denbigh St., Cincinnati, Ohio.
- Seward, Leila H. (B.A. '13)—3533 1/2 E. 2nd, Long Beach, Calif.
- Shogren, Mrs. Cyril K. (Helen E. Dodd, B.A. '20)—1706 Fayette Ave., Be-

- loft, Wis.
- Southworth, Mrs. Harold (Catherine M. Johnson, B.S. (HEC) '32)—108 S. Cedar St., Marshfield, Wis.
- Sutherland, Eva B. (M.A. '14)—Tarkio, Mo.
- Sutliff, Wheelan D. (B.A. '21)—Bellevue Hospital, New York, N. Y.
- Walvoord, Anthony C. (Ph.D. '32)—1335 Filbert St., San Francisco, Calif.
- Washington, William E. (B.A. '32)—219 Edgcombe Ave., New York, N. Y.
- Week, Erling F. (B.S. (ME) '12)—565 Bellevue Ave., Oakland, Calif.
- Wise, Edmund M. (B.S. (EE) '19)—31 Gifford Ave., Jersey City, N. J.
- Wolters, Robert C. (Ph.B. (Gen) '18)—184 O'Farrell St., San Francisco, Calif.
- Youngquist, Seth C. (B.A. '23)—2616 Fulton St., Berkeley, Calif.
- Zox, Maurice (B.A. '30)—Jewish Hospital, Philadelphia, Pa.

Grads Write 477 Theses in Work Towards Degrees

A total of 477 theses have been filed by University of Wisconsin students during the past year. Of these 109 were for doctoral degrees, and 164 were applied on masters degrees.

Largest single group filing theses for degrees given in 1942 were those in the general bachelor of arts course, with 51 theses filed. Second largest group was filed by candidates for master of science degrees.

All of the doctoral theses, including the 65 written for degrees granted in June, 1942, and the 44 written for degrees granted between commencement 1941 and 1942, will be published by the University of Wisconsin press.

Titles and subjects for the theses ranged from studies of authors and poets of the English majors to the highly scientific dissertations of the chemists, doctors, and engineers. Some of the scholars studied history as a measure of learning about the present and others attacked current social, political, and education problems from all angles.

Students Busy Training for War

Several hundred students at the University of Wisconsin are devoting extra time, in addition to their regular studies, to take training in a number of special war courses under the direction of the University War Council.

A number of others are aiding the war effort by filling wartime research positions in chemistry, biology, and zoology, taking places left vacant by WPA workers last spring.

Among the special courses are those in radio code, first aid, nutrition, and nurses' aid.

Lt. Kenneth Newbury, U. S. army, in charge of the radio code course, explained that drafted or enlisted men with code experience obtained from these courses would very likely be assigned to the signals corps or the radio department of the air corps and be qualified for non-commissioned officers' ratings.

Women taking the course, he said, might qualify for civil service positions with war department radio stations.

Badger Quarterly

Published quarterly by the University of Wisconsin as an informal report of its activities to its Alumni, Parents of its Students, and to other Citizens of the State.

September, 1942

This issue is dated September, 1942, to conform with postal regulations, but contains news from July to October, 1942.

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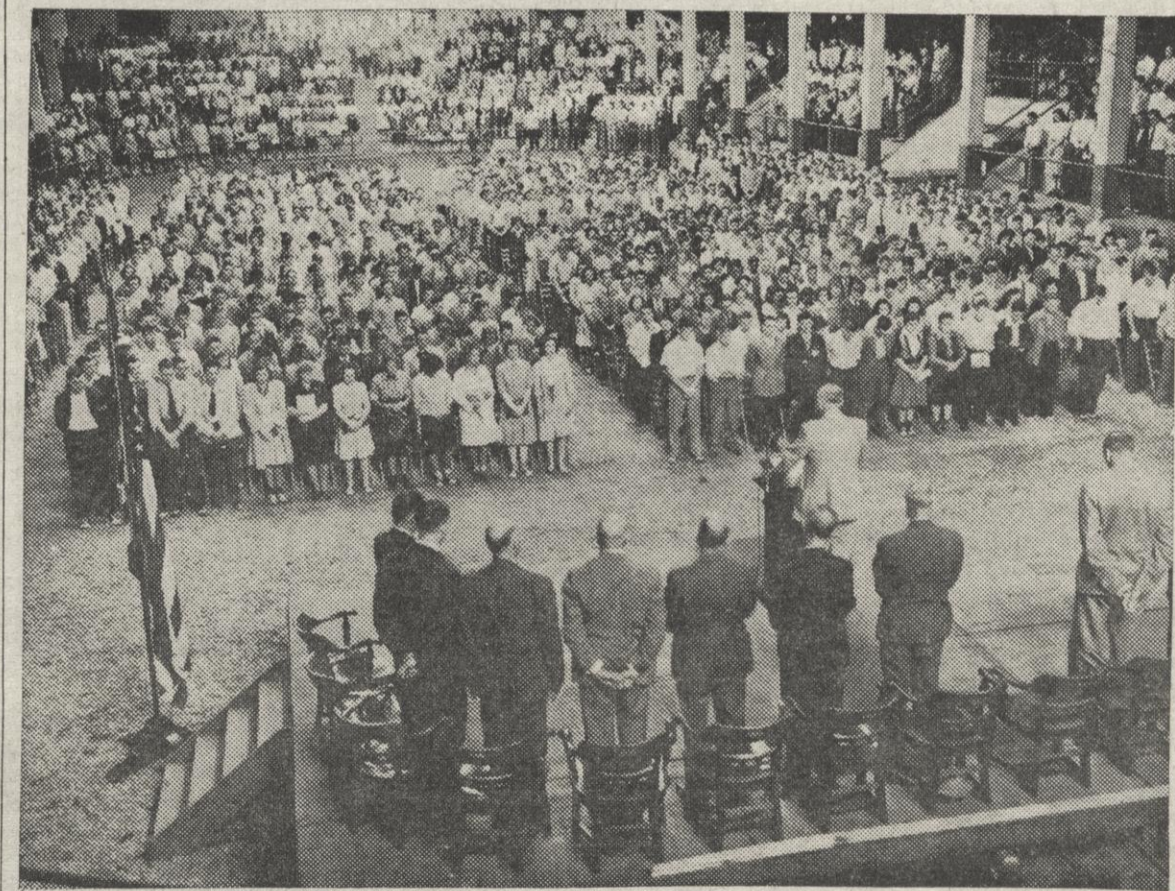
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Pay Tribute to University's War Dead



More than 2,200 freshmen, attending the annual Freshman convocation on the University of Wisconsin campus this fall, stood for a moment with University officials in silent recognition of the "contribution to a future world of peace" made by former Wisconsin students who have already sacrificed their lives in the present war. Welcoming the students to the Wisconsin campus, Pres. C. A. Dyk-

stra declared: "Many students who were on this campus last year and the year before—yes, many who were seated last September just where you sit today—are in the far corners of the world or in training camps in this country. Some have 'gone west.' You are their successors. To you their torch has been given. Let us stand in silent recognition of their contribution to a future

world of peace." Pres. Dykstra urged the first year students at the convocation to work hard during their freshman year, to train themselves for the tasks of war as well as those beyond the war. He warned the young men and women that they had "the individual and personal responsibility to get ready" to serve their nation when called to duty. (See story on Page 1).

Victory First Objective

... says President Van Pelt

Last month the Wisconsin Alumni Association embarked on its 81st fiscal year with the following aims and objectives, all of which deserve active support from all full-time Badgers.

I. WE MUST WIN THE WAR!

Victory in the war must be the first objective in every program of activity these days. We on the home front must do our full share to provide the guns, planes, ships and tanks needed to lick the axis. We must give complete support to the thousands of Badgers giving their all as members of Uncle Sam's armed forces. We cannot afford to do less.

II. NEWS FROM HOME FOR THE FIGHTING BADGERS.

Since last October we have been sending all Association publications, free, to Wisconsin alumni in the armed forces. More than 2,400 Badgers are now in the army, the navy and the marines, and more are joining daily. They fought with Mac Arthur in Bataan; they're in Australia, in China, the wide stretches of the Pacific, in Alaska, Iceland, Libya, and on the European front. These Badgers are hungry for news about the University and alumni... just as you were who served in World War I. Supplying the news is our job; active support to insure continuation of this service is your job.

III. A STRONG RIGHT ARM.

Like all universities, Wisconsin needs the strong right arm of an effective alumni organization. President Dykstra has endorsed our activities by saying that our Association has become "increasingly effective as the strong right arm of the University" during the last five years. But war times are tough times for Universities, so we must do a still better job this year in supporting the expanded activities of the University of Wisconsin.

IV. DEVELOP AND EXPAND ASSOCIATION SERVICES.

Illustrating the continuous effort to make Association membership increasingly valuable to members, this fall's first FOOTBALL LETTER was expanded from the customary 4 pages to 8 pages, bringing the latest campus news to the readers along with the regular football message. FOOTBALL LETTERS after each game, the BADGER QUARTERLY, and the WISCONSIN ALUMNUS magazine will go out to all members this fall. As fast as funds permit, additional services will be developed to make the Association more and more valuable as a service organization.

These objectives point to a big year ahead, bigger than it ever has been. More help is required, more members needed. If we are to carry out the program to which we have pledged ourselves, we must have more members of all kinds, more intermediate members (class of '38 to '42) who pay \$2 a year, more regular members who pay \$4 a year, and especially more Victory members who pay \$10 a year, with the extra \$6 being used for sending all Association publications, free, to Wisconsin alumni in military service.

If you want to share in this work by becoming a member of the Association, send in your check to Association headquarters. If you wish to become a Victory member or wish to change yours from a regular to a Victory membership, send in your check for \$10, or if you have already sent your check for \$4, send another for \$6 and ask that your membership be changed accordingly.

If you could see the letters of gratitude that come in almost every day from these far-from-home Badgers you would consider your \$6 well invested. These fightin' Badgers deserve everything we can do for them; we must not let them down.

Yours for the "Victory First Objective,"

C. F. VAN PELT, PRESIDENT
Wisconsin Alumni Association.

Need For Scholarships

Brilliant young men and women being scientifically trained by the University to take their place in the nation's war effort are seriously handicapped in devoting their best abilities to their education by the lack of sufficient funds. The need is most urgent for small sums of \$25, \$50, and \$100 amounts, the Wisconsin Alumni Association reports.

The United States armed forces and civilian industry for defense need trained people, and the best place to train these people are in our colleges and universities. Yet there are many young men and women who could undoubtedly make great contributions toward the present war effort, who cannot receive the benefit of University training because of the lack of sufficient funds.

The Wisconsin Alumni Association, alumni clubs, and individual alumni have done their bit toward alleviating the situation, but more and more scholarships are needed to enable these students to keep up with their vitally important scientific studies.

Recognizing this great need the Wisconsin X Club authorized its executive committee to perfect plans for a \$100 scholarship. A unique plan for a "revolving scholarship loan fund" to help deserving high school graduates of Eau Claire county continue their education at the University of Wisconsin has been established under a corporation recently set up by the University of Wisconsin Alumni club of Eau Claire.

The Wisconsin Alumnae Club of Chicago by means of book reviews, bazaars, and card parties, raises enough money each year to offer several scholarships that will be financial lifesavers to hard working and deserving students at the University of Wisconsin. The Greater Cincinnati Alumni Association picks an outstanding freshman student and helps finance his entire University career.

The Wisconsin Alumni Association lauds these and many other clubs for their fine work in creating scholarships, while asking clubs that have not set up funds for that purpose to recognize the need and help make still more awards and scholarships possible.

To Serve Their Country in War--

Badger Alumnae Join WAACS, WAVES

Wisconsin alumnae are rapidly taking their places in the feminine counterpart of the army and navy. Intended to take over the "behind the scenes" jobs and release men for actual combat duty, the WAAC's (Women's Army Auxiliary Corps) and the WAVES, (Women Appointed for Volunteer Emergency Service) list many Wisconsin women on their rosters.

Lieutenant (junior grade)

Mrs. A. Carley, U.S.N.R., who graduated from the University of Wisconsin in 1920, will serve as woman assistant to the executive officer of the Naval Training School at Bloomington, Indiana.

Besides her degree from the University of

Wisconsin she obtained graduate degrees from the Teachers' College of Columbia University in 1929, (M.A.) and 1933 (PH.D.) and before entering the navy was an employee of the United States Office of Education.

As assistant to the executive officer of the Naval Training School, Bloomington, Indiana, Lieutenant Carley will assist in the training of women enlisted personnel for storekeeper rating. The first class, starting October 9, will consist of 600 women.

Also a member of the first

group of officers graduated from the U.S. Naval Training School, Smith College, September 30, is Ensign Charlotte L. Flint, B.S. '30, M.A. '33. Ensign Flint formerly taught physical education in the Longfellow Junior High School in Wauwatosa. She is the daughter of Mr. and Mrs. Clarence E. Flint of Milwaukee.

Ensign Ruth Jane Meyer received her commission as an ensign September 30 at the U. S. Naval Training School, Smith College. The daughter of Mr. and Mrs. Edward J. Meyer of Milwaukee, Ensign Meyer was formerly employed by the First Wisconsin Trust Company of Milwaukee.

Miss Eloise Eager, B.A. '40, Evansville, has been accepted for

admission to officers training in class V-9 of the WAVES, in progress now at Smith College, Northampton, Massachusetts. The daughter of Mr. and Mrs. L. P. Eager of Evansville, she was formerly employed by the Union Bank and Trust Co. of Evansville. Miss Dorothy Mann, B. A. '42, was instructed to report on October 6 to Smith College where she will undergo a three months period for officers training in the WAVES.

The daughter of Mr. and Mrs. E. A. Mann of Milwaukee, she has been reporter and society editor of the Rhinelander News since her graduation from the University in June.

Both Miss Eager and Miss Mann will have the rank of apprentice seaman upon beginning of training, and upon completion of the course of instruction will be ranked as ensigns and assigned to active duty as officers in continental United States.

Miss Agnes Thiemann, M.A. '38, is at Fort Des Moines, Iowa, where she is in training as an officer candidate of the Women's Army Auxiliary Corps. Miss Thiemann, who has been teaching at Menominee for the past three years is the daughter of Mr. and Mrs. Harry Thiemann of Reedsburg.

Miss Elna Jane Hilliard, B.S. '35, M.S. '40, received her commission as second lieutenant in the WAAC's Saturday, October 4, at Fort Des Moines, Iowa. The daughter of Mr. and Mrs. C. W. Hilliard, 2630 Kendall Avenue, Madison, she has been teaching mathematics and physical education in the Junior High School at Emmetsburg, Iowa.

Miss Grace Elizabeth Cockrell, B.S. '40, left for Fort Des Moines to begin officers training in the WAAC's September 7. Miss Cockrell, who has been teaching home economics at North High School, Sheboygan, is the daughter of Mr. and Mrs. F. P. Cockrell, 1714 Roberts Court, Madison.

Miss Maybelle Kohl, B. A. '32, is in training for an officers commission in the WAAC's at Fort Des Moines, Iowa. For the past several years she has been teaching commercial at Madison East High School. Her mother, Mrs. C. W. Zurich, lives in Lake Zurich, Illinois.

Miss Anne Alinder, B.A. '29, re-



MISS THIEMANN

ceived her commission as second lieutenant in the WAAC's with the first group graduated from Fort Des Moines. Before entering the WAAC's Miss Alinder was supervisor of the cost accounting department of the Public Service Commission. Her father, Mr. Henry Alinder, lives in Pittsburgh, Pennsylvania.

Miss Betty Lutze, ex '42, gives her address as Co. 2, 1st Regiment, WAAC Officers Training, Fort Des Moines, Iowa. The daughter of Mr. and Mrs. August Lutze of Sheboygan, she was formerly employed by the Union Refrigerator and Transit Co. of Milwaukee.

Miss Jane Peirce, B.A. '33, a former social worker in Milwaukee, is also in training at Fort Des Moines and upon completion of her course will be commissioned a second lieutenant in the Women's Army Auxiliary Corps.

Miss Mary G. Miller, B. A. '27, is now Second Lieutenant Mary G. Miller of the WAAC's, 1755 Federal Building, Los Angeles, Calif. Before entering the WAAC's, Miss Miller was a private secretary in the Legal Bureau, Pennsylvania Highways Department.

3,000 Alumni-

(Continued from Page 1)

nus magazine upon request, published by the association, and alumni football letters are also being sent to them.

Three of the fighting Badgers have received government awards for heroism in duty. Maj. William R. Bradford, of the class of 1918, received the Distinguished Flying Cross for flights made in the Philippine islands in June, 1942. Capt. William N. Donovan, who received his degree at the University in 1932 and is now believed to be a prisoner of the Japanese, was awarded the Distinguished Service Cross for heroism under fire in the Philippines in July. First Lieut. Richard A. Knobloch, who attended the University from 1936 to 1939, participated in the bombing of Tokyo with Doolittle, and received the Distinguished Service Cross in May.

Year Round---

(Continued from Page 1)

on this accelerated basis in some of its departments last summer—in fields in which it was necessary to speed up the production of trained men and women for the nation's war effort. These departments include engineering, medicine, pharmacy, physics, chemistry, and law. The faculty action places the entire University on a year-around operational basis, and now makes it possible for students enrolled in all departments of the University to carry the accelerated study and training program leading to the completion of their academic work and their degrees in three calendar years.

It was pointed out that establishment of the 12-week term in all colleges does not preclude the continuation of the present regular six week summer term for summer students, such as teachers and others, who devote part of their summer vacation from teaching to study toward higher degrees.

New Letters-Science Dean



MARK H. INGRAHAM

Mark H. Ingraham, head of the University's mathematics department since 1932, has been named dean of the College of Letters and Science by the University of Wisconsin Board of Regents.

Prof. Ingraham's appointment to the deanship was recommended by Pres. Dykstra and a special Regent committee of which Walter Hodgkins, Ashland, was chairman. Ingraham succeeds George Clarke Sellery, who has served in the position since 1919. Under the Regent action, Sellery becomes dean emeritus.

Ingraham was born in Brooklyn, N. Y., in 1896. He received his bachelor's degree from Cornell University in 1917 and came to

Wisconsin as an instructor in the mathematics department in 1919. After teaching for two years, he resigned to do research and received his master's degree from the University in 1922. He earned a doctor's degree at the University of Chicago in 1924.

He then returned to the University to serve as an assistant professor in the mathematics department for two years. In 1926 he joined the faculty of Brown University. Returning to Wisconsin in 1927 with a full professorship, he has been with the University ever since. He assumed the chairmanship of the mathematics department in 1932.

U.W. College of Engineering Serves Wisconsin Industries

While they produce goods for America's war effort, Wisconsin industries are being served by University of Wisconsin engineering research laboratories, Dean F. Ellis Johnson of the State University College of Engineering declared in a recent address on the University's Music Hall of the Air radio program.

The University's service slogan, "the boundaries of the campus are the boundaries of the state," is being borne out in engineering research projects as well as in special engineering short courses conducted for men at work in industry or in public service, the dean's speech brought out.

"The College of Engineering makes definite contributions to the further instruction of men already in the service of the public or of industry," Dean Johnson said.

"Perhaps it is true that in this wartime emergency the public in general realizes even more than they do in peace time how much the safety and welfare of the nation depends upon the training the engineers of the nation receive.

"Important by-products of the training of men which are secondary objects of the College of Engineering are researches in fundamental and applied science, applications of research to development of new state industries, solution by research of the problems of industries or of state bureaus, and publications," the dean continued.

In progress now in the engineering laboratories of the State University are 66 separate research projects, he revealed.

"The department of chemical engineering is studying the application of chemical kinetics to plant design. This study may have a very important bearing on whether you later get tires for your car because it may effect the manufacture of artificial rubber," Dean Johnson pointed out.

Another application of research to the development of new Wisconsin industries is the work which has produced the Baker-Truog process which makes possible the use of vast Wisconsin clay deposits in manufacturing building tile.

"There are many examples of interest in which problems of state industry are being solved through work done in the College of Engineering," the Dean said. He cited the space and cost savings of a great Milwaukee company producing forgings under a war contract as a result of using equipment of unusual design based on research by the department of electrical engineering of the University.

The clay products industry is financing tests on tensile strengths of mortars in the University mechanics department, the dean added, citing such research as an important study carried on cooperatively by funds supplied from outside the University.

"The mechanical engineering department is making studies of special significance in the operation of gasoline and Diesel engines, using an engine and cylinders provided by Wisconsin automotive manufacturers."

Advanced instruction is carried to men already engaged in engineering work, the dean explained, listing a number of examples of University-industry cooperation in this field.

Spanish Interest Up

Interest in Latin America, greatly intensified by the war, is reflected in skyrocketing enrollments in Spanish courses noted by the University of Wisconsin extension division, as well as by department heads in charge of campus courses. The extension division reported 159 Spanish registrations in the last fiscal year—three times as many as in former years, while the residence course enrollments in Spanish jumped correspondingly.

The "Wisconsin" Idea

John Bascom, president of the University of Wisconsin from 1874 to 1887, was the originator of the "Wisconsin Idea" in education, that the students and staff of the University should render service to the government of the state.

Named to Art Institute

John Stuart Curry, artist in residence at the University of Wisconsin, was recently honored by the National Institute of Arts and Letters by being elected a member in the department of art.



DEAN JOHNSON

Busy Campus--

(Continued from Page 1)

total of more than 11,000 young men and women studying and working in its classrooms and laboratories this year, which represents an actual increase of 500 students over the record enrollment of a year ago.

The girl sailors arrived on the campus to begin their period of intensive training in radio code and communications work for Uncle Sam's navy. Purpose of the training for the WAVES is to enable women to replace men in the vital shore communications posts of the navy, thus releasing more men for combat duty.

The University of Wisconsin also enrolled a record-breaking freshman class his fall, Pres. C. A. Dykstra informed the State University's Board of Regents at its recent meeting on the campus.

Pres. Dykstra revealed that this year's freshman class totaled 2,442 students, which represents an increase of 129 students over last year's high figure of 2,313 first year students. He also revealed substantial increases in the enrollment of the college of engineering and the medical school.

"The University of Wisconsin is serving as large a number of students now as it ever did in any year in its history," Pres. Dykstra told the Regents. "At no time in the past has the State University served more young people than at the present time. Also, a larger proportion of the student body is being housed in University residence halls this year than at any time in the past."

Van Pelt Is Alumni President

Judge Clayton F. Van Pelt, B.A. '18, LL.B. '22, was elected president of the Wisconsin Alumni Association to succeed Mr. Albert J. Goedjen, '07. The new president is judge of the circuit court in Fond du Lac, Wisconsin.

Serving with President Van Pelt for the coming year are Philip Falk, '21, Madison's superintendent of schools, 1st vice-president; George Ekern, '28, Chicago attorney, 2nd vice-president; Mrs. Hugo Kuechenmeister, '13, Milwaukee, secretary; and Dean Frank O. Holt, '07, dean of the University Extension division, treasurer.

New members of the board of directors, elected by mail, are Mrs. Marshall B. Wood, '29, Rockford, and Mrs. Richard Krug, '37, Milwaukee, while members re-elected



HOLT KUECHENMEISTER

Thousand Acre Outdoor Lab Aids Conservation

University of Wisconsin biologists and students use a 1,000-acre out-door experimental laboratory the year around. It is the State University arboretum on Lake Wingra, at the city limits of Madison, where experiments in wildlife propagation and conservation are conducted on a scale as large as the arboretum itself.

Purposes of the experiments are to aid undergraduate classes and individual graduate workers in their studies of botanical and zoological life, and to serve as an out-door laboratory to help solve state wildlife conservation and propagation problems.

Hugging the southwest shores of Lake Wingra, the arboretum includes much woodland and marsh territory where the most species of wild plants and animals live.

Birds, wild flowers, and mammals that were once common in southern Wisconsin, but have now disappeared from this area, are found in the arboretum. The biologists have been successful in reintroducing into the arboretum many rare plants, such as the unusual lady's slippers and certain prairie wild flowers.

Recorded at one time or another during a year in the refuge have been 223 different species of birds. Of these, 21 species call the arboretum home the year around, 86 raise their families there but go south for the winter, 19 come down from the north for the winter, and 97 are just tourists passing through on migration.

None of the birds have been "planted." The increase is accomplished by improving the particular kinds of food and cover needed by each species, thus attracting them. Skill in doing this depends upon knowledge of the birds. In this, the workers in the arboretum are aided by studies made in the University.

Experiments of the arboretum are practical and valuable in wildlife conservation, and in determining the feeding and hunting seasons for the game birds of the state.

The life expectancy of the pheasant has been one of the research projects of Prof. Aldo Leopold, professor of wild life management. During the past five years he has been trapping and banding the birds, and has found that in five years a complete turnover of the pheasant population takes place.

Prof. G. William Longenecker is executive director of the arboretum and John A. Catenhusen, biologist, together with a small crew is in charge of the actual maintenance of the territory.



VAN PELT FALK

to the board are Dr. Gunnar Gundersen, '17, La Crosse, Maj. Franklin L. Orth, '28, Fort Benning, Ga., A. M. Kessenich, '16, Minneapolis, Harlan B. Rogers, '09, Portage, A. J. Goedjen, '07, Green Bay, George Ekern, '28, Chicago, and Dean Holt and Philip Falk of Madison.

The directors announced the following elections of Association representatives on University boards: Mrs. George Lines, '98, Milwaukee, in place of Ben Kiekhof, '12, Milwaukee, on the University board of visitors; Robert B. L. Murphy, '29, Madison, in place of Walter Frautschi, '24, Madison, on the Union Council, and Charles L. Byron, '08, Chicago, in place of Howard I. Potter, '16, Chicago, on the University athletic board.

Working for Victory--

A new contingent of students, "The Waves," came to the campus of the University of Wisconsin in October—almost five hundred in number—the Navy's first women's radio division. These young women will train for four months and then go directly into naval service manning shore communications stations thus relieving men who will be sent to active sea duty. Another contingent will follow when this first group is graduated.

Last week the seventh division of Navy men came to begin their radio studies on the campus bringing the number of sailors who are or have studied here in the last six months to something like 2,000. These men take a four months' course also.

Last week, too, the first section of the Army Air Mechanics School was graduated and soon the first new group in the Pilots Training Course will get their first certificates.

The Naval Officers Diesel Training School on the campus graduated its first class October 3, 1942.

These special schools, all of them conducted by the University and its staff, have put space on the campus at a premium. Every class room and laboratory is crowded almost every hour of the day and most of the evening. The mechanics school runs on a twenty-four hour basis on a three shift schedule.

These activities plus the regular university program have filled campus residence halls and dining rooms way beyond normal capacity. The university is housing and feeding about forty per cent more students than in normal times. A count of noses reveals that there are more young men and women on the university campus than there were a year ago and about as many as two years ago when the university had the highest enrollment in its history. The total number now walking up and down the hill is about eleven thousands.

With the university on a round the year schedule for regularly enrolled students the year 1942-43 promises to be the busiest year in the history of the campus.

Your alma mater is working for victory in every possible way. The spirit on the campus is high and everybody is doing his best. This goes for the faculty, the students—and the football team. Keep tuned to WHA for further examples of our educational war effort.

C. A. DYKSTRA, President
University of Wisconsin

You Can Do Something--

The old song was right: "There's No Place Like Home." But we've got a war to win, and these boys have left home for far-flung fronts. They can't take home with them, but we can send a little home to them, and here's how to do it.

1. Write more—to your sons, fathers, brothers, cousins, boy-friends, boys-across-the-street.
2. Send to the Wisconsin Alumni Association the names and correct addresses of all alumni in the fighting forces. The association is anxious to send, free, to each man or woman in service, copies of the **Badger Quarterly**, **Wisconsin Alumnus**, and special **Victory Letters**, containing news of interest about their friends, fellow alumni, and University.
3. Back up the Association's program by becoming a member to help finance the extra load of sending to each man and woman in service free copies of the Association publications, to strengthen the Association to co-operate effectively with President Dykstra's wartime program for the University.

Museum Exhibit Reveals 93 Years of University History

"Ninety-three years at the University of Wisconsin" was on display recently in a special exhibition of the Wisconsin Historical society on the first floor of the main library at the State University. Built around the portraits of the 12 presidents of the University, from John H. Lathrop to Clarence A. Dykstra, the exhibit traced the growth and development of Wisconsin's University, in both scholastic and extra-curricular activities.

Holding the position of honor in the center of the exhibition was the first butterfat testing apparatus invented by Stephen M. Babcock in 1890. This contribution to scientific dairying was the signal for the development of the College of Agriculture and the close relationship between the State University and the people of Wisconsin.

The geology department, which contributed two presidents to the University, Thomas C. Chamberlin and Charles R. Van Hise, displayed old geological instruments, including a petrographic microscope, which used polarized light, in use here 40 years ago. A stereoscope, which was developed in the geology department here, changed the process of map making from the strenuous job of covering every yard on foot to picture taking from the air.

In the athletic exhibit, a dark brown pigskin proudly bore the inscription, "1897—Wis. 39—Minn. 0." The boys had a good season that year; under the coaching of Phil King, they came through undefeated. Also on display was the football helmet of Pat O'Dea, who, in the 1899 game with Minnesota,

"caught a punt in midfield, eluded several opponents in his dash toward the sidelines, and dropkicked a 55-yard field goal while still on the dead run," according to the explanation attached to the helmet.

Pat was Wisconsin's greatest contribution to football; he's still named on every all-time All-American team the sports writers dream up.

A massive desk, into whose pigeonholes and roomy drawers went all the documents connected with the beginning of the University was one of the oldest "relics" in the display. The desk was the property of the first president, John M. Lathrop, during his term from 1848 to 1859. His quill rested on the open desk, just as if President Lathrop had just put it down and walked out of the office for a few minutes.

Pictures and maps showing the growth of the campus and its buildings gave a comprehensive idea of the University from its first days when Main hall housed the entire University down to the present. One of the earliest sketches of what the University was to look like when it was built up revealed that the first plans were to have sister buildings for both North and South halls.

Gazing down at the exhibits were the 12 presidents of the University, showing what the well-dressed university President was wearing in beards. President Birge broke away from the bearded tradition to the extent of merely wearing moustaches, but Glenn Frank, in 1925, was the first president to present a completely shaven face to the public.

Geology Survey Aids State War Projects

Because the geological survey at the University of Wisconsin has in its files information about the geology, the gravel and sand deposits, and the water supply of almost all parts of Wisconsin, it was able to help save a great deal of time in construction in the state of various large projects necessitated because of the war effort, Ernest F. Bean, state geologist at the University revealed recently.

The geological survey, which is an independent department authorized by the Board of Regents of the University, yet connected with the University geology department, has long performed many services in aiding the highway department, and serving as geological advisers to citizens, to the various departments of state government, to municipalities, and to business interests, but its facilities have proved especially valuable for these wartime construction needs.

Also increased because of the wartime necessity for more minerals is the department's service of testing samples of minerals sent in to determine if any are from valuable deposits.

When road builders, well drillers, and other construction companies first came to Wisconsin to start building the Badger Ordnance works at Merrimac, they asked the state geological survey for information on the location and amount of building materials available nearby. The survey gave them this information from its files and thus saved the builders time in getting construction under way.

An enormous tonnage of sand and gravel is being produced locally, which should result in large savings in cost and a reduced burden for the railroads.

The well drillers also wanted information on the water supply in the Merrimac territory, and on the kind of material to be drilled through before reaching the supply. Since the department keeps much detailed information on all the wells drilled in the state, it was able to answer these questions, too.

The Madison air force technical school also needed information on a source of limestone and some subgrade problems, which the survey was able to furnish.

When Camp McCoy at Sparta was being built the survey advised on water supply and loaned some maps and notes. In addition, two of the experienced geologists from the survey were loaned to the engineers.

Because of its previous surveys and knowledge about the geology of the state, the State University geologists know the location and value of most of the mineral deposits of the state. However, the war has now greatly increased interest in mineral deposits of all types and persons finding anything on their land which they think might be valuable, send a sample to the survey for an analysis. The geological survey has always given this service to the state, but since the war the number of samples submitted has been doubled.

Iron ore, manganese, zircon, kaolin, talc, and grinding pebbles have been the subjects of numerous conferences and correspondence.

The service of the survey has been valuable in most cases only because it has discouraged the sender from wasting money on exploration where the mineral is of little value.

Interest has been increased also in oil exploration, but because such exploration is useless in nearly all of the state, the survey performs the service again in discouraging expenditures on such ventures.

Board of Regents Re-elects All Officers

A. J. Glover, Ft. Atkinson, was re-elected president of the University Board of Regents at the board's annual meeting. Mrs. Barbara Vergeront, Viroqua, was re-elected vice-president of the board and M. E. McCaffrey, Madison, was again named secretary. Mr. Glover is beginning his fourth term as regent president, having been first elected after the board was re-organized by the 1939 legislature. Mrs. Vergeront was also named vice-president by the reorganized board and has been re-elected each year. Mr. McCaffrey is beginning his 36th year as regent secretary.



E. F. BEAN

Two Alumni Help Write Book on War

Two University of Wisconsin alumni, Louis P. Lochner and Lloyd Lehrbas, are two of the Associated Press correspondents who collaborated with Oliver Gramling in writing "Free Men Are Fighting," a dramatic narrative of World War II which will be published by Farrar & Rhinehart in late October.

Lochner, who probably knows more Germans, and more about them than any other American newsman, graduated from Wisconsin in 1909 with Phi Beta Kappa honors, and turned to a news career which brought him the Pulitzer prize for distinguished foreign reporting in 1939. He was a correspondent in Berlin from 1924 until he was interned last December.

World War I interrupted Lehrbas' studies at Wisconsin and he entered the U. S. Air corps. While awaiting orders, he took up newspaper work, and later covered diplomatic army and navy affairs at Washington, the Sino-Jap war, saw the bombing of Warsaw, and scored a beat on the killing of Premier Calinescu at Bucharest, while

Navy Men Study Diesels at U.W.

United States naval officers are now being trained in classes in the new diesel engine training school at the University of Wisconsin.

The ten weeks' course is designed to qualify men to take places as engineer officers in engine rooms to direct the operation and maintenance of diesel power plants. The men are attending classes in the history and development of diesel engines, theory, fuels and lubrication, air compressors, cooling systems, electricity, maintenance and repair, and operation and testing for 39 hours a week.

The officers came to the Wisconsin campus from navy stations. They are quartered at Adams Hall and the University club, and an officers' mess has been arranged for them in the Van Hise refectory.

Women Students Register for War Work at U. W.

An all-out registration of University of Wisconsin women students for war work was accomplished on the Wisconsin campus on Oct. 21. The women students met with Pres. C. A. Dykstra at two convocations—the first ever held for women only at the University—to hear of their responsibilities in the nation's war effort, and to register for various kinds of war work.

One of the "war courses" in which the women registered was a new, streamlined emergency home nursing and first aid course, to be given under the supervision of the medical and nursing schools. Training obtained in this course will not only aid the women in helping to take care of any possible epidemic of disease which might hit an area such as Madison, but will also be valuable to all young people.

Other war courses and activities in which the women can take training include sending and receiving code, nutrition and canteen, service crafts, sewing, radio fundamentals, hostessing, and state science research projects. All of the courses are to begin about Nov. 1. This is the first all-out registration of women students for war work achieved at any university or college in the country.

working for various papers, including the Manila Bulletin, and the Shanghai Evening Star.

480 WAVES Begin Training for U.S. Navy Work at U.W.

The University of Wisconsin is now the home and training center for 480 girl sailors, from all walks of life, who have joined the United States Navy to help Uncle Sam win the greatest war of all times.

The WAVES—as the girl blue-jackets are called—began their radio code and communications training during the past week with the immediate purpose of being trained for land posts with the Navy and thereby relieving men for active combat duty with the fleet. They are now receiving the identical training which

the 1,200 men of the Naval Training school at the state university have been receiving since the school was first begun last April.

From all walks of life the WAVES have volunteered for this valuable navy work. Among them are professional dancers, authors and journalists, actresses, socialites, stenographers, clerks, artists, and secretaries.

Among the group are Emily Bradley Saltonstall, daughter of the governor of Massachusetts, and Edith Kingdon Gould, daughter of Kingdon Gould, New York financier.

Representatives of the university and of the Navy training school welcomed the WAVES to the campus at their orientation convocation in the Memorial Union theater recently. Dean Frank O. Holt, speaking for the University, told the girl blue-jackets that the University has an eager desire to consider them as though each was regularly enrolled at the University.

Citizens Give 75 Articles to Museum

Back in the days when the mother of the family was also the doctor, the family medicine case was opened for everything from a toothache to an attack of gout. One of these old medicine cases has been given to the Wisconsin Historical museum, located on the fourth floor of the state historical library at the University of Wisconsin, by Col. Howard Greene, Christiana, Del., a former officer of the historical society.

The case contains 60 tiny vials of pills, with everything from arsenic, phosphorous, and sulphuric acid to more harmless appearing remedies. According to Colonel Greene, the case was used in his family between 1840 and 1850.

The ancient medicine case is one of 75 articles of historical value which have been presented to the museum this year, C. E. Brown, director, recently revealed.

U.W. Students Form New Historical Society

An enthusiastic group of students, both graduate and undergraduate, has recently formed a historical society at the University of Wisconsin. The group plans to study Wisconsin history by actually doing historical and museum work with the State Historical Society. The students are helping do the research and arrange the materials for the series of rotating displays shown in the main corridor of the historical library building on the lower campus at the State University.

"Out of all the war experience the University has had, it has been its outstanding desire to receive every individual on the same basis as though he were enrolled at this State University," Dean Holt said. "There should be no difference here in the attitude toward the WAVES from that toward the regular coeds. This University has always seen its responsibility, not only in terms of those enrolled on the campus, but in reaching other groups beyond those enrolled."

Training of the WAVES will include the technical radio code and communications work, preliminary indoctrination, and a small amount of marching drill for a period of 16 weeks. Graduates of the school will be assigned to Naval stations within the United States. Those graduates who attain the required proficiency in school will receive an immediate rating as a third class petty officer. Other graduates will be given third class petty officer ratings at a later date, as they attain the minimum proficiency required.

Ten officers are directing the activities of the WAVES at Wisconsin. They arrived on the campus a week before the enlisted girls, direct from their four months' training at Smith college. Lieut. Dorothy C. Stratton, on leave of absence as dean of women at Purdue university, is the senior women's officer.

Discipline and free time of the WAVES will be limited exactly as is that of the Navy men. They are required to remain on the Navy 'reservation' at all times except Saturday afternoons and evenings, and Sundays. Taps and lights out on week days will be at 9:30 p. m. and reveille at 5:45 a. m.

Fowlkes---

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director of the session, which then had an enrollment of only 1,100 students. Under his direction the session has grown to an annual summer enrollment in normal times of from 4,000 to 5,000 students.

Dr. Fowlkes came to the University of Wisconsin as assistant professor of education in 1922 following a seven-year career as teacher and principal in several high schools and colleges. He is a graduate of Ouachita college in Arkansas, and received both his master's and doctor's degrees from Columbia university in 1921-22. He has done considerable research in the field of secondary education, and is the author of numerous books in the field.

Dr. Fowlkes will also continue his work in the school of education. He is widely known among the school-men and women of Wisconsin and the middlewest. He has served for some years as chairman of the planning committees for the University of Wisconsin's annual Institute for Superintendents and Principals, which each summer brings hundreds of school-men and women to the Wisconsin campus for a weeklong consideration of education problems.

One of the Hardships of War



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