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Bulletin of The University of Wisconsin The Badger Quarterly

University News for Wisconsin Alumni

VOL. 1, NO. 1

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OCTOBER, 1937

Enrollment Reaches New Record

Authorize New Alumni Membership Classes

Two new membership classes have been authorized by the Board of Directors of the Wisconsin Alumni Association; intermediate membership and sustaining membership.

Intermediate memberships are for alumni who have been out of the University from one to five years. The membership fee for this group is two dollars, which is half the membership fee for regular members. This 50 per cent reduction in dues for intermediate members makes it easier for younger alumni to take an active part in Association activities. During the present fiscal year, this reduced rate applies to members of the classes of 1932 to 1936 inclusive. Next year it will apply to members of the classes of 1933 to 1937 inclusive.

Members of the class of 1937 may become Association members at a special fee of one dollar. This rate applies during the senior year and for the first year after graduation. After that the two dollar rate for

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Regents Adopt Budget; Restore Salary Waivers

The University of Wisconsin board of regents at its meeting adopted a budget for the fiscal year 1937-38 which restores salary waivers amounting to a total of \$466,341 to the State University's employees.

The 1937-38 budget, as recommended by Pres. C. A. Dykstra and unanimously approved by the regents, totals \$8,934,731 for the year, which represents an increase of about \$1,022,000 over the funds spent by the University last year.

Of the total budget for the coming year, only \$3,834,440 is scheduled to come from the state under the state budget "B" which was adopted by the state legislature. This represents an increase for 1937-38 of about \$654,000 in aid from the state for the University.

In adopting the 1937-38 budget, the regents in effect deserted the salary waiver system which has been in effect on all University salaries since 1931, although all University salaries in excess of \$3,000 are still reduced in accordance with the following schedule:

On the first \$3,000 of each salary—no cut.

On the next \$1,000 or fraction—cut 15 per cent.

On the next \$1,000 or fraction—cut 20 per cent.

On the part over \$5,000—cut 25 per cent.

Under the schedule, salary waivers on all salaries throughout the University up to and including \$3,000 are completely restored, and there is no cut on the first \$3,000 of any salary. Restoration of the salary waivers under the new schedule, however, amounts to increases for all of the University's 2700 employees, many of whom are on a part-time basis only.

Of the total of 2700 employees, about 2300 earn less than \$3,000 a year, and thus under the new schedule they obtain complete salary waiver restoration. Only about 400 of the employees earn over \$3,000 per year and will be subjected to the cuts.

In addition to the salary waiver restorations, the budget contains increases in rates of pay totalling \$102,660 for 687 of the employees. Of these employees, 433 are on the non-instructional staff, while 254 are on the instructional staff.

Flag-Thrower



FRAZEE HUG

Long considered one of the most progressive of American Universities, Wisconsin will swing back the tide of time several centuries to pick up an almost lost art and make it an integral part of its weekly football pageant. Flag swinging and flag throwing, developed in Switzerland, Belgium, and Italy several centuries ago, will make its bow at this fall's games.

The colorful sport—if it can be called a sport—will be taught to a group of University band members by Franz Hug, familiarly known as the "unofficial ambassador from Switzerland." Hug demonstrated his prowess during the state's centennial in 1936 and again during the state-wide turnverein meetings this past year. Band Director Ray Dvorak saw the possibilities of the colorful display and persuaded Hug to act as coach for his band boys. With Hug's ability and Dvorak's ingenuity, the list of National Research Council fellows, where they obtained their graduate degrees, and where they continue their studies, constitutes an approximate statement of a university's competence and prestige in the three departments being considered.

Each year the council selects a small number of the most outstanding doctors of philosophy in the three sciences. Each man receives money for a year of advanced work at any institution he may choose. Thus if the recipient of a university's doctorate is given a fellowship, that indicates the council's approval of his preparation, while if a university is chosen as a place of study by a fellow, that indicates a favorable estimate of its work in his branch of science.

The University of Wisconsin is ranked among the 12 leading universities of the nation which have been most often the place of graduate training of National Research Council fellows. Wisconsin is also ranked among the 12 leading schools which have most often been chosen as an institution of higher learning at

Reverse Tradition!

The boys of '12 will remember this faculty ruling: "No freshman shall reside in fraternity houses."

The boys of '37 heard a committee on student life and interests reverse the 25-year-old tradition and permit first year men student's to lodge in men's fraternity houses. Active members, however, must keep to their books. The edict stressed one requirement: they must achieve weighted scholastic average of 1.3 grade points per credit to allow the "yearlings" good surroundings.

U. W. Among Leaders In Science Fields

Holding its leadership in the combined fields of physics, chemistry, and mathematics, the University of Wisconsin still ranks among the first 12 universities in the United States as either the place of graduate training of recipients of National Research Council fellowships, or the place chosen by such fellows at which to continue their scientific training in these fields.

This was revealed recently in a survey of the schools at which past and present holders of National Research Council fellowships received their graduate training in physics, chemistry, and mathematics, and at which schools they continued their scientific training as holders of the prized fellowships. The State University has been the place of study of 36 of these fellows.

Because of the method of award, the list of National Research Council fellows, where they obtained their graduate degrees, and where they continue their studies, constitutes an approximate statement of a university's competence and prestige in the three departments being considered.

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10,864 Students Enroll; Frosh Are Welcomed

With a registration of more than 10,800 students in its regular year classes, University of Wisconsin enrollment this fall soared to a new high record for the State University's almost century-old history.

At the close of the first week of registration, Registrar Curtis Merriman reported that 10,864 students from all parts of Wisconsin, from every state in the union, and from a number of foreign countries, had enrolled in regular session classes. This figure represented an increase of about 787 students over last year, when 10,077 students enrolled.

Welcomes Frosh



PRES. CLARENCE A. DYKSTRA

Homecoming to Draw Many to U. Campus

Thousands of loyal alumni and friends of the University of Wisconsin are expected to return to the campus for the gala 1937 Homecoming game with the University of Iowa, Saturday, Oct. 16, according to Edwin J. Collins, general chairman of Homecoming and senior student from Calumet, Michigan.

Collins, captain of the varsity crew and No. 2 oarsman in the boat that rowed in the Poughkeepsie regatta last summer, was named to the chairmanship last May by the student athletic board composed of captains of all varsity teams.

"Remember 1912" has been chosen for this year's annual homecoming celebration commemorating the 25th anniversary of the great 1912 Badger football team that won the undisputed Big Ten championship. The Homecoming committee has made arrangements to bring back Captain Joe Hoevel of Green Bay and the entire 1912 squad as honored guests.

Since the University of Iowa will furnish the opposition in the grid feature of the annual week-end festivities, the Homecoming theme is based around corn and the rivalry existing between Governor Philip F. LaFollette of Wisconsin and Governor Nelson G. Kraschel.

Enrollment in the freshman class also reached a record high in the University's history, with almost 2,450 first year students enrolled, an increase over last year when the freshman enrollment reached 2,401.

Suggests Agreement

Suggesting that the State University and its freshmen reach a bilateral agreement of mutual benefit, Pres. C. A. Dykstra, officially welcomed the first year students to the University at the annual Freshman Week convocation held in the stock pavilion on the University campus

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Student Bureau Has Programs for State Clubs

With an enlarged program already under way, the Student Speakers Bureau at the University of Wisconsin is again providing able and experienced student speakers at low cost to various kinds of clubs and organizations throughout Wisconsin during the current school year, it was revealed this week by Byron Johnson, student at the State University, who is chairman of the student-faculty committee which operates the bureau for the University.

The bureau was started three years ago as a means of providing various kinds of clubs and organizations in communities throughout the state with experienced student speakers at the lowest possible cost—merely the expense of filling the engagement. When the bureau was first established, it was decided that no fees whatever should be charged for any speaker's services.

Originally the bureau had planned to furnish only speaking programs to organizations desiring them. But during the past year the bureau's services were expanded so that debaters, readers, and musicians could also be furnished. All of the entertainers in the bureau are regularly enrolled students in the State University.

During the past year, one or more engagements were filled in the following Wisconsin communities:

Stoughton, Oregon, Sun Prairie, Wautoma, Platteville, Pewaukee, Cedarburg, Waterloo, Jefferson, Kenosha, Dodgeville, Janesville, Beloit, Poynette, Baraboo, Ft. Atkinson, Monroe, Evansville, Jefferson, Columbus, Mazomanie, Watertown, Black Earth, Albany, Richland Center, Verona, Madison, Portland, and Middleton.

The bureau's speakers and entertainers have appeared before service clubs, women's clubs, Parent-Teacher associations, school assemblies, church groups, community groups, and rural clubs. They have been enthusiastically received by all of the groups before which they have appeared, and many letters of commendation have been received from Wisconsin citizens. For information on how to obtain entertainers from the bureau, write to Robert Foss, manager, Student Speakers Bureau, 711 Langdon St., Madison.

To Construct Addition to U. W. Union Building

The long needed theater and concert hall for the University campus, planned as an addition to the Memorial Union building, was advanced rapidly toward realization last month when the federal government announced approval of a \$236,245 grant to aid in construction.

With funds to be raised by subscription among alumni and with a new loan to replace the present Union building loan now almost paid in full, it is expected that a total sum of between \$500,000 and \$750,000 will be available by next spring.

Tentative sketches are already in the course of preparation under the supervision of the state bureau of

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Memorial Union Serves Students

Fifty-five members of the Union Council and chairmen of house committees, old and new, met with President and Mrs. Dykstra recently, heard reports of the year's work from 13 committee chairmen, and viewed for the first time the new motion picture, "A Day in the Wisconsin Union."

William Winkler and Carol Wagner, presiding at the meeting as chairman and vice-chairman of the Council, completed their year's term of office, introducing as their successors Jack Clifford, president of the Men's Union, and Hallie Lou Whitefield, president of the W. S. G. A.

Supplementing the student reports, a brief review of the year was given by Porter Butts, house director. Among the major developments announced in Butts' report are the following:

"More students have used the Union this year than ever before, 6,724 every day. This is 22.8 per cent more than last year, the largest rate of increase since the building opened, and twice the rate of increase in enrollment for the year."

"Attendance at special organized functions had reached 141,783 up to April 20, an increase of 15.6 per cent over the same period last year. Participation in group meetings and discussions has risen from 21,955 to 42,455, an increase of 93.3 per cent. This is the core of our campus neighborhood life. The Union literally has made it feasible for the campus to reach the goal of a close-knit community of students and teachers."

Serve More Meals

"We have served more meals this year than in any year since the Union opened, a total of 575,000 to May 1, averaging in cost in the cafeteria only 3 cents above the lowest prices of the most depressed depression year."

"Members of the ski team, placing first or second in almost every meet in which they participated and defeating Olympic and collegiate jumpers with regularity, virtually established a national record in ski jumping. They have so dramatized skiing that there has been a renaissance of interest in winter sports on the campus this year."

"In the field of student government, the number of houses organized by the Union for governmental, social, and athletic purposes has reached an all-time high of 250, involving more than half the campus population."

To Complete Building

"Great impetus to the hopes also for effective recreational service on the campus, comes in the announcement this month of the decision to complete the Union building with a theater and concert hall. It is the consummation of the 20 year concerted effort of students, faculty, and alumni to give the university a complete social and recreational center. It is perhaps the most far-reaching and memorable achievement of the year."

"The direct services to the present student body have not slackened. The number and kinds of such services, ranging all the way from fee check cashing, coffee hours, and matinee dances to the financing of campus student government, research studies in housing, and a student public relations program for the state at large, have increased to a total of 124. Only 13 of the 124 types of services carry any charge whatever."

Is Community Center

"The Union is now a community center of the first order. It is also, or hopes to become, a laboratory of student management and self-expression; caterer to the campus at large, housing the bulk of its meetings and serving its dinners; advisor to student organizations; trouble-shooter in problems of student personnel; teacher of the arts of leisure and recreation. It concerns itself with the whole area of student life and interests outside the classroom, exploring all the possibilities of making study and play cooperative factors in education."

"We have an instrument through which we can genuinely affect the economic welfare of the campus. Here, in the most realistic and challenging terms, is a training ground for good citizenship, and self-government. To have such opportunity is a precious asset, which Wisconsin has cultivated farther in student affairs than most universities. Students in their turn have two important responsibilities: one, to establish

Air College on U. W. Campus Serves State

The Wisconsin College of the Air is helping the University extend its campus boundaries to the borders of the State. It offers ten carefully planned weekly courses of instruction for young people and adults as well, who cannot go away to school to continue their education.

Lessons in agriculture, social problems, congressional study, literature, homemaking, child psychology, music, youth problems, current events, and speech are on the air each week. Courses run for thirty weeks throughout the school year. There is no charge for study outlines, lesson aids, examinations, or the certificates of achievement given for successful completion of courses.

Some of the University of Wisconsin's most able radio teachers are offering courses over the air. Their classes are not limited by the number of seats in their class-rooms. Their radio classes are large, and widely scattered. Outstanding educators from the state departments and the Madison schools are also taking part.

The Wisconsin College of the Air was arranged in 1933 by Harold A. Engel (M. A. '32) and has served out-of-school students continuously ever since. Many high school teachers use the programs to supplement their class-work. The broadcasts are heard over the state-owned stations WHA (940 Kc.) in Madison, and WLWL (900 Kc.) in Stevens Point at 1:30 and 3:30 p. m. each school day. Course outlines are available without charge through WHA, at the University.

U. W. Gets \$3,000 for Student Funds at Commencement

The University of Wisconsin was presented with one fellowship and one scholarship fund at its 84th annual commencement exercises held in the University field house last June. The total of both funds amounted to \$3,000.

James Doyle, president of this year's graduating class, presented Pres. C. A. Dykstra with a check for \$1,000 as the class of 1937 memorial gift. This sum is to be the nucleus for the establishment of a general scholarship fund.

The money in the fund is to be invested by the State University board of regents and the interest therefrom given as a scholarship to any member or members of the undergraduate body of the University to help the student through school.

Prof. J. R. Roebuck of the physics department presented the Charles E. Mendenhall fellowship fund of \$2,000 to Pres. Dykstra. The fund was established by friends as an enduring memorial to commemorate the long and brilliant services devoted to the advancement of physics by the late Prof. Charles E. Mendenhall, who was a member of the Wisconsin faculty for many years. Net income from the fund is to help support a graduate student in physics. Many friends and former students of Dr. Mendenhall made contributions to the fund.

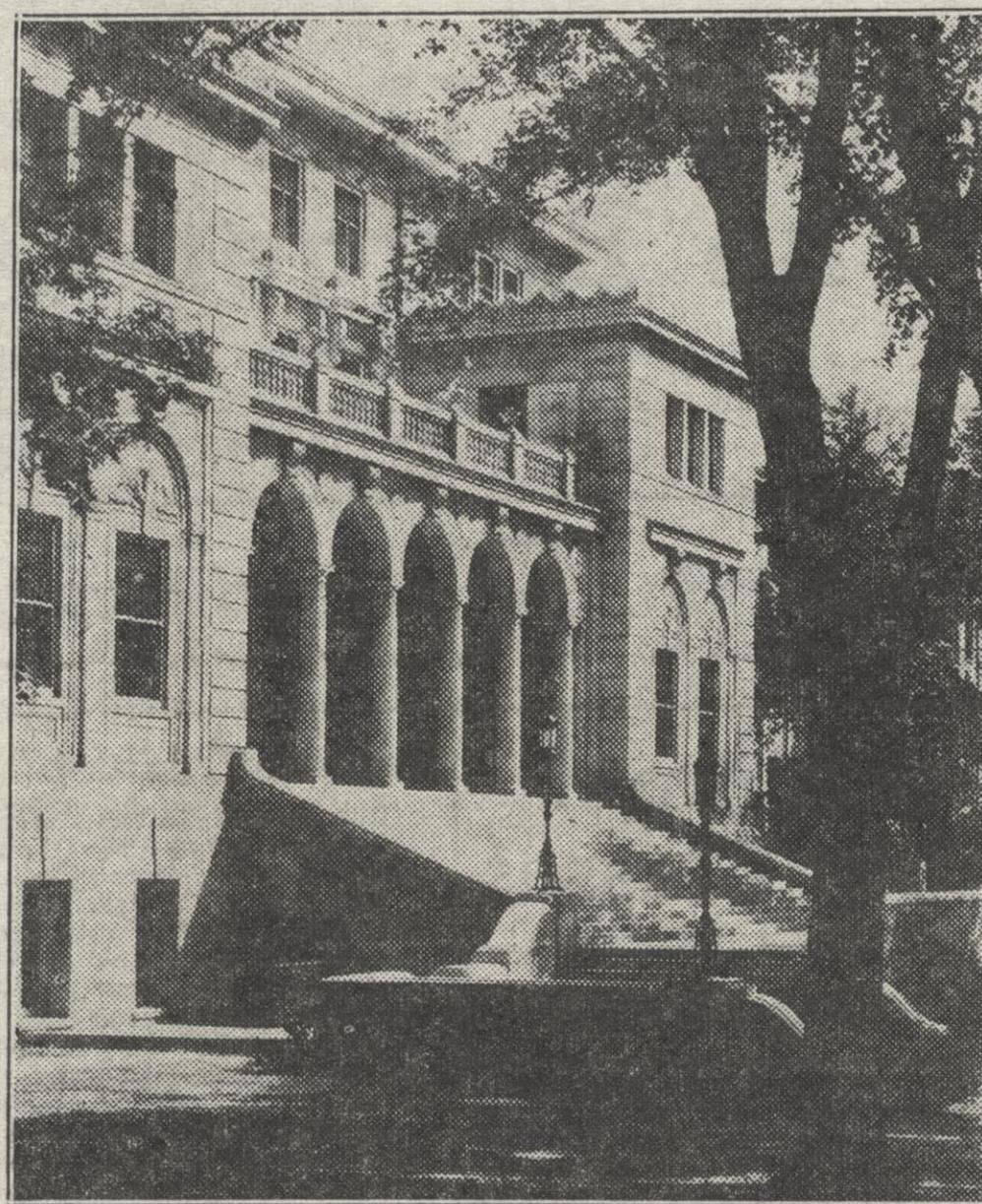
The State University college of agriculture's soils and seeds laboratory annually tests thousands of samples of soils and seeds sent in by farmers and landowners in all parts of the state.

beyond doubt that freedom of action is accompanied by careful study of a total situation and by the genuine self-discipline of a university-trained mind; and second, to remember that economic problems and programs are not the only values to be reckoned with in our time, either in the campus social center or in government broadly.

"In a university, of all institutions, we need to guard and nurture also the values of spirit, intellect, and character, of constructive social and cultural gains for our community and the communities the university serves."

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Entrance to Wisconsin's Union



The entrance to the Memorial Union building at the University of Wisconsin is one of the architectural beauty spots on the Wisconsin campus. Construction of the third wing of the Union, which is the social and recreational center of the campus, is expected to start soon.

Democratic Government Is Still Worth Saving

Democratic and representative government, for which Abraham Lincoln labored and died, is as worth saving today as it was four score years ago, C. A. Dykstra, president of the University of Wisconsin, declared in an address at a recent ceremony on the University campus during which a bronze plaque, on which was inscribed Lincoln's memorable Gettysburg address, was given to the State University by the national Sons of Union Veterans.

The plaque, fastened to the front of Bascom Hall, main building of the University, was one of three memorials placed on the University of Wisconsin campus by national organizations attending the G. A. R. national encampment in Madison last month.

The other two memorials were stone benches, one of which, given by the Auxiliary to the Sons of Union Veterans of the Civil War, was placed on the lawn of the State General Hospital on the campus, while the other, given by the Daughters of Union Veterans, was placed on Camp Randall field at the University.

In accepting for the state and University the bronze plaque containing the immortal words of the Gettysburg address, Pres. Dykstra declared:

"Four score years ago, lacking six, Abraham Lincoln, in the immortal address which we commemorate today, made crystal-clear the fundamental crisis of his time. The issue—freedom for all men under the aegis of the democratic dream, or slavery for many under a benevolent feudalism—was resolved in his day, perhaps but temporarily, in the clash of arms on the battlefield. Political disintegration was averted and the Union saved. On the field of the dead at Gettysburg the Commoner President rededicated America to a new birth of freedom and set in perspective the national ideal."

"Today we face a great issue of another battlefield. Shall those who work with hand and brain and have no tools but their talents determine the future of America as against those who own the instruments of production and control the processes of industry? Shall the issue be joined in Civil War and thus marshal organized force for the solution? If this be the answer, then the sacrifices of '65 will have to be repeated and the desolation following such warfare will be more widespread and more tragic in its significance than was the aftermath of '65. Lincoln declared that we cannot remain half slave and half free. I say to you today that we cannot have the dictatorship either of labor or of capital and maintain the nation which the dead at Gettysburg died to save. There was another way out

in '61 and many labored that tolerance and accommodation might be allowed to solve the great issue of that day. They labored in vain and after '65 came the deluge."

Have Common Heritage

We have a common country and a common heritage. All should participate in the blessings which our great resources and our geographic situation make possible. It is for us who stand in the shadow of this great utterance—now immortalized for us in bronze—and under the spell of Lincoln's great humanity, highly to resolve that the American nation shall go forward to peace and plenty without resort to the ultimatum of industrial warfare, but by the recognition and acceptance of mutual obligations, opportunities and responsibilities.

"Let us pause for this moment to read the lessons of our own history and the story that is being written in blood in Europe. Democratic and representative government, for which Lincoln labored and died, is as worth saving today as it was four score years ago."

"I salute the veterans of '61, here assembled and once more pledge this University to seek solutions of our common problems as they come to us through 'that careful sifting and winnowing by which the truth alone can be found.'

Cross Country Team Will Be "Pretty Fair"

That perennial builder of champions, Tom Jones, again admits that he will have a "pretty fair" cross country team. To followers of the sport, that "pretty fair" means a lot. It means that the opposition had best be wary of Jones' thin-clad warriors, for they are going to be tough to beat.

Headed by Capt. Charles Fenske, who has spent the summer months on an athletic tour of Japan, winning all of his races but one, the squad will have eight other veterans around whom should be built a representative team. In addition, eight sophomores will make their varsity debut this fall. Pratt, acting-captain, Machett, Carroll, Towle, Mehl, Servais, Brown and Cooper are the veterans. Tom Corrigan, Cashton, Farin, Kubly, Mortenson, Norris, Zartner and Senft are the newcomers expected to break into the scoring column.

This year's schedule calls for races with Marquette, Beloit, Iowa, Chicago, Notre Dame, Purdue and the Wisconsin A. A. U. meet to wind up the season.

October, 1937

Announce Ag Honor Students

Public recognition of high scholastic honors made by students of the freshman and sophomore classes in agriculture and home economics during the past academic year was given 12 men and 14 women at the agricultural college walk-around held as part of the opening exercises of the new school year at the University of Wisconsin.

Scholastic honors for freshmen were won by Lawrence C. Monthey, Canton, according to the announcement made by I. L. Baldwin, assistant dean. Monthey is credited with a three-point average record, the highest rating possible. His name was inscribed on the silver loving cup presented by Alpha Zeta, the agricultural honorary fraternity. Others who won agriculture scholastic honors include: Margaret Anne Muth, Two Rivers; Russell Clarence Mills, Cincinnati, Ohio; Russell John Cook, Portage; and Otto Louis Hoffman, Markesan.

The high point home economist in last year's freshman class was Janice Irene Smith, Richland Center. Ruth Huenemann, Juneau, president of Omicron Nu, honorary home economics sorority, presented Miss Smith with the silver loving cup awarded by her organization for that honor.

Other home economics students who made excellent scholastic records as freshmen last year include: Loraine Adeline Koehn, Milwaukee; Miriam Black, Rochester; Helen Mae Collentine, Milwaukee; Ellen Joann Benson, Madison.

Agricultural students receiving high honors for their sophomore work were: Raymond John Hesprich, Lomira; Charles J. Krumm, Manitowoc; Robert Paul Niedermeyer, Waukesha; John Carl Sylvester, Madison. Sophomore honors were given to: Manford C. Baer, Kenosha; George R. Merwin, Walworth; Owen David Owens, Montello; Richard L. Witz, New Lisbon.

Sophomore honors in the department of home economics were awarded to: Lucille B. Aust, Madison; Agnes G. Etzweiler, Wausau; Kathryn Kuechenmeister, Milwaukee; Martha Anna Linder, Beloit; Edith Janet Robinson, Madison; Esther Anna Sneeberk, Algoma; and Celestine Trauba Hein, Greenville.

Publish Bulletin on Badger Songs

The University Extension Division has recently announced the publication of an interesting bulletin entitled "Wisconsin Songs That Live". The work of a W. P. A. project, the booklet contains a dramatization of the origin of six songs by Wisconsin authors as prepared by the Creative Group of the Drama Department of the Woman's Club of Madison.

The dramatizations contained in the bulletin, together with the authors of each are as follows: "After the Ball", Mrs. George Wehrlein; The End of a Perfect Day", Mrs. A. Vinje; Little Brown Church in the Vale", Mrs. Voiney Barnes; In the Sweet By and By", Mrs. A. T. Bruhn; Silver Threads Among the Gold", Mrs. Jean Park Drake; and "On Wisconsin", Mrs. C. E. Schreiber.

Copies of the pamphlet, interesting to all, but most suitable for club program presentations, may be obtained from the Extension Division for 15 cents a copy in Wisconsin with a 15 per cent discount for five or more copies; 25 cents outside the state with a 10 per cent discount for five or more copies.

Heap o' Livin'

A study of that "Heap o' Livin'" that makes a home is being made by Wisconsin homemakers, mothers, and Parent-Teacher associations in a series of radio broadcasts being presented over state stations WHA-WLBL this fall and winter.

Beginning Wednesday, September 8, and held every first Wednesday of each month throughout the school year, mothers, PTA officers, school representatives, child specialists, and others are presenting views upon helpful cooperation between school and home in the interest of the school child. The program is being given over the Homemakers Hour from 10:00 to 10:45 o'clock a. m., according to Mrs. Aline Hazard, announcer, in charge of the program.

U.W. Electric Lab Aids State Citizens

The Electrical Standards Laboratory at the University of Wisconsin maintains testing facilities which directly serve private citizens, electrical utilities, and cooperative organizations. Directed by Prof. R. E. Johnson, the Standards Laboratory is sponsored by the Wisconsin public service commission, by the department of electrical engineering at the State University, and is largely supported by the funds received for standardizing meters and testing electrical appliances.

The popular appeal of new electrical devices has resulted in a desire by many to learn the strong and weak points of such appliances as automatic refrigerators, flat-irons, washing machines, car storage batteries, lamps, fuses, and the like. These devices have been tested by the laboratory and the results published by two consumers' organizations which paid for the tests. The names of these consumers' organizations may be had by writing to the Electrical Standards Laboratory at the University of Wisconsin.

In general, the following appliance characteristics are investigated:

(a) Functional performance—how well does the appliance perform? (b) Life—long life may not be worth the cost of obtaining it—forced life tests are used with caution—"gyp" or "bootleg" appliances are shown up. (c) Efficiency—means satisfactory service at lowest annual cost. (d) Appearance—pleasing appearance adds to the general happiness of the user but does not necessarily indicate the quality of the appliance. (e) Safety—does the appliance meet the requirements of the National Board of Fire Underwriters? Is it shock-proof? (f) Net Usefulness—a certain amount of attention is necessary to keep any appliance in good condition. Some appliances may conceivably require more labor for maintenance and cleaning than they serve.

Students Benefited

Several students, through part-time employment upon meter and appliance testing, are enabled to pay a considerable portion of their tuition fees and at the same time secure valuable experience in the proper use of electrical metering devices. One, John S. Sargent, is now in charge of the meter department for the Wisconsin Public Service Corporation at Green Bay; the other, Harvey C. Sargent, is an electric meter engineer for the Superior Water, Light and Power Company at Superior.

The laboratory, under Prof. Johnson, also conducts two courses for electrical engineering students, a course in meter testing and a course in photometry and illumination. The precise standards of resistance, potentiometers, wattmeters, ammeters, voltmeters, and power generators maintained at the laboratory represent an investment approximating \$15,000 in value.

Much of the equipment is portable. Thus the laboratory is frequently called upon to make impartial field tests in controversial instances. Manufacturing concerns frequently engage the laboratory and in return pay a nominal fee for such engineering service. Meter testing, electrical plant efficiency, lighting problems, and inspections are among the items of interest to industrial concerns.

Prof. Johnson writes the majority of electrical specifications for new buildings being erected in various parts of Wisconsin. This work is directed by the state bureau of engineering, of which C. A. Halbert is chief engineer. In this manner, the State University shares in the contacts and ideas derived from using and studying the latest forms of electrical equipment. Consulting engineers must be especially studious and awake to the ever changing new developments in electrical machinery, electronic devices, wiring systems, and energy consuming devices.

U. W. Facilities Unusual

Not all states maintain an electrical standardizing laboratory. The check maintained in Wisconsin upon house watt-hour meters is the result of close cooperation between public utilities, the public service commission, and the laboratory. The utilities in the state secure a systematic check-up on their meters which are used to set or adjust residential meters. In some other states the utilities either maintain their own standards laboratory or rely upon checks made by the original manufacturer of each standard meter. Such systems may result in too infrequent calibrations and the state has less control over such standardization work.

Regents Approve Research Program

A research program in both the social and natural sciences, involving the expenditure of \$211,542 which will provide for 161 different research investigations in a wide variety of fields, was approved for this year by the University of Wisconsin board of regents at a recent meeting.

Two of the research investigations are to be conducted on a large scale during the 1937-38 year. They are a school broadcasting study, to be made on a fund of \$17,042 furnished by the General Education board, and a cancer research program to be carried on under the Bowman-McArdle cancer fund of \$20,000.

The school broadcasting study will be made to determine through demonstration and evaluation the place of radio in the classroom, and to devise methods for its most effective use. The cancer research program for 1937-38 is a continuation of the cancer studies carried on for some years at the State University. This program has been greatly enhanced during the past few years because of increased funds resulting from individual gifts made to the University for this research.

Of the total amount of \$211,542 voted for Graduate school research allotments for the year, \$50,000 comes from the state to support 43 different special investigations; \$117,000 comes from Wisconsin Alumni Research foundation to support 113 different research studies; \$7,500 comes from the research foundation to support three post-doctorate fellowships; while the remainder of \$37,042 is for the school broadcasting study and the cancer research.

50,000 Children Hear School of Air Each Week

In 1931 a University of Wisconsin graduate saw an opportunity for extending a service to the schools of the state. He would organize radio programs which teachers could use in supplementing their class-room work. In developing these broadcasts H. B. McCarty (M. A. '30) became director of the Wisconsin School of the Air which has in recent years won national recognition.

Tangible evidence of the popularity of radio in the school-room is seen each spring when a thousand or more eager boys and girls from all over the state gather on the Wisconsin campus for the Radio Music Festival. It is staged as a climax to Prof. E. B. Gordon's popular radio lessons in "Journeys in Music Land". They thrill as they sing together for the first time under the direction of their radio teacher. After one rehearsal they do a broadcast over the state-stations. Those boys and girls who cannot come to the Festival listen at home and join in the singing.

Last year's national honor educational program winner is included in the current year's schedule. It is an unusual art program known as "Let's Draw". It is written by Jas. Schwalbach, (Art Ed. M. A. '37). It won first place among 95 educational programs entered in the national competition in May 1937.

All Wisconsin School of the Air broadcasts originate in Radio Hall on the U. W. Campus. They are carried by the University Station WHA (940 Kc.) and WLBL (900 Kc.) at Stevens Point, at 9:30 a. m. and 2:00 p. m. each school day.

Speaker

Dean Chris L. Christensen of the College of Agriculture, University of Wisconsin, will be one of the featured speakers at the National Rural Forum sponsored by the American Country Life Association. The meeting will be held at the Kansas State Agricultural College, October 14 to 16.

Established in 1919 and holding annual gatherings each year since that time, the country life association represents a significant movement in rural improvement. Christensen will talk on "The Contribution of Cooperation to Rural Life."

Writes Football Letter Again!



COACH HARRY STUHLDRREHER

For the second successive year, Football Coach Harry Stuhldreher will send members of the Wisconsin Alumni Association a weekly letter describing the highlights of each football game. The series will include eight letters replete with the sideline impressions of a game which only a coach can give.

Stuhldreher's Football Letters, introduced last year by the Alumni Association as a part of their regular membership service, became one of the most interesting services of the Association and many non-alumni asked to be placed on the mailing list. The Association accommodated these people with a special one dollar fee for the full series. This special rate will again be in force this year.

Stuhldreher writes his own letter on the Sunday following each game. They contain interesting glimpses of breaks which caused the tide of battle to swing one way or the other, explanations of particularly spectacular plays or situations, and a little bit about the prospects in the game to come. They are rushed to the printers early Monday morning and alumni all over the country

Color Maps of Badger Campus Are Available

The Wisconsin Alumnae Club of Chicago on reunion week-end launched their brain child, a pictorial and historical map of the campus of the University. It is in five colors, 18x24 inches, is beautiful, artistic, and authentic.

All the officers of the club worked very hard for several months to get the map off the press in time for reunions. The idea was proposed by Mrs. Elizabeth Todd, and the map is sponsored by the Chicago Alumnae Club as a means of making money for the student loan fund which the club has supported for many years. The officers of the Alumnae Club believe the map will have a definite and personal "On Wisconsin" appeal to graduates, students, and friends of Wisconsin, to say nothing of those who are interested in maps as such in this map-conscious age. They are encouraged by the fact that a large number of prepaid orders have already been received.

The price is one dollar. Copies may be obtained by writing to the Wisconsin Alumnae Association offices at 770 Langdon Street, Madison.

Alumni Planning Job Service for U. W. Graduates

The Wisconsin Alumni Association will shortly initiate a program of alumni and student placement and employment counsel, according to a recent statement of Howard I. Potter, president. The program will get under way sometime during the latter part of the current semester.

According to Potter, the Association will establish a vocational counselling service for the student at present enrolled in addition to setting up a nation-wide committee of prominent alumni whose task it will be to aid young alumni in finding proper employment.

Details of the plan are still in the formulative stage but further announcements will be made in the next issue of this quarterly and in forthcoming issue of the Wisconsin Alumnus Myron T. Harshaw, Chicago, former president of the association, has been named chairman of the committee.

Regents Rename Athletic Board

Reappointment of all faculty and alumni members of the University athletic board was approved by the Board of Regents in June at the request of President Clarence A. Dykstra.

A change in student representation was authorized with the appointment of Charles H. Fenske, '38, star University miler. Other members of the board are: Prof. William F. Lorenz, chairman; Prof. E. E. Witte, '09, Prof. Oliver Rundell, '10, and Prof. H. C. Bradley, faculty members; and Howard I. Potter, '15, Chicago, and Dr. James P. Dean, '11, Madison, alumni members.

Acquire Fraternity

The Gamma Eta Gamma fraternity house at 434 Sterling Ct. has been acquired by the University and will be used as a cooperative student house this year. Under the terms of the sale, the University must pay \$15,000 to the William F. Vilas estate within 10 years or the property will revert to the estate which sold it.

Seeks to Improve Nation's Urban Life

Eleven recommendations designed to improve the lot of the millions of American city dwellers are contained in an exhaustive report of the National Resources Committee's Urbanism committee, of which C. A. Dykstra, president of the University of Wisconsin and former city manager of Cincinnati, Ohio, was chairman. The report has just been made public by the federal government.

Commenting on the report recently at the State University, Pres. Dykstra quoted from the following excerpts from the report's "Foreword":

"The nation has wisely begun to concern itself with the conservation of its human and social resources as well as the conservation of its physical resources of water, land, and minerals. These human and social resources are affected not only by the conditions of rural life, which dominated the national country life movement 30 years ago, but they now include the conditions of urban life."

Problem of Nation

"In looking at the urban problem, therefore, we consider it not as the concern of the city alone, but as a problem of the farmer as well, in that it is a problem of all the American nation. From the point of view of the highest and best use of our national resources, our urban communities are potential assets of great value, and we must consider from the point of view of the national welfare how they may be most effectively aided in their development. In the short-time run, there may be clashes of interest between urban and rural populations. But in the long run and from the over-all point of view, their interests are mutual, reciprocal, interdependent.

"Urban and rural communities have many economic problems in common. They have in common a decline in general ownership of or equity in land and dwellings. In our farming communities, farm ownership or equity in the hands of those who till the soil is declining, and in the larger cities especially the percentage of home ownership has

reached its peak or is going down. In some of the more congested areas ownership of homes has almost disappeared. Both have the problem of inadequate living conditions.

Cities have the problem of the slum, while in the rural communities there are wide ranges of habitations less picturesquely named, but far below any reasonable minimum standard of human living. Both have the problem of order, health, welfare, education, and the maintenance of democratic participation in the communal life."

List Recommendations

Major recommendations of the Urbanism committee's report are:

That the efforts already made by government, industry, and labor toward increasing economic security be intensified and that the U. S. both study and act upon the problems of chronically depressed urban areas;

That the federal government should continue its policy of assistance to the social welfare programs of urban communities;

That a comprehensive and thorough-going inquiry should be made by the present tax revision council or other suitable agency of the entire subject of conflicting fiscal policies and taxation in local, state, and federal governments;

Improve Urban Life

That legislation should be considered primarily for periods of economic distress creating a federal credit agency authorized to make loans and grants under adequate legislative safeguards to local governments for the purposes of public works construction, acquisition or construction of public utilities, land purchases, and similar outlays. At the same time, the committee believes that direct federal expenditures in cities should be reduced to a minimum.

The Urbanism committee believes, Pres. Dykstra explained, that the adoption of its major recommendations would lead to the improvement of the standards of urban life and would bring about a national-urban preparedness to meet insecurity and unemployment.

100,000 Visit U. Museum Yearly

Everything from circus posters to classes in the art of becoming a museum director can be found in the state historical museum located on the fourth floor of the state historical building at the University of Wisconsin, but the museum by no means confines its activity to the one building. Under the direction of C. E. Brown, a variety of statewide work is carried on.

Folklore meetings to collect and stimulate interest in the legends of the country are held regularly during the summer, a considerable number of folklore pamphlets have been published, the establishment of house museums throughout the state is encouraged, the museum is working with the archeological society to find and survey former Indian camp grounds in the state, and the museum furnishes lecturers to go with summer school excursion parties seeing Wisconsin.

Exhibits Are Valuable

The museum proper includes 12 large rooms and is visited each year by approximately 100,000 people, who come to look at the exhibits which have great value.

An evidence of interest in the museum is the great number of donations regularly received. Last year approximately 200 individuals gave over 2,000 gifts. Indian relics, old style surgical instruments, firearms, equipment and uniforms used in the Civil war and the World war, and pioneer relics of all kinds were included. Less than \$100 was actually spent during the year for the purchase of exhibits. Unique among the gifts was a large amount of early Wisconsin circus material collected by the Wisconsin Folklore Survey in such old circus towns as Delavan, Evansville, and Baraboo.

Establish Classes

Classes in the art and business of becoming a museum director were started in 1933 and are taught as a regular part of the University curriculum by C. E. Brown, director of the museum, who says that the field is developing rapidly. There are at present more than 100 museums in the state of Wisconsin, and all over the country museums are increasing at the rate of two each fortnight. The University courses offered are museum administrations, regular apprenticeship work, and a museum appreciation course.

One of the most popular projects sponsored by the historical museum is the series of folklore tales given each week during the summer at Memorial Union terrace. At these meetings stories are told of such characters as the super-lumberman, Paul Bunyan, the super sailor, Stormalong, Johnny Appleseed, and other folklore figures. The folklore meetings started in 1912, and their object is to collect and spread the folklore stories of America.

Publish Folklore Stories

Folklore booklets and leaflets published under the auspices of the museum are used all over the country. The booklets include Indian Stories, Paul Bunyan Tales, Pioneer Tales, Ghost Tales of Wisconsin, Gypsy Tales of Wisconsin, Cloud Lore, and Tales of Sailors on the Great Lakes. Leaflets are on Landmarks of the Campus, Birds of the Campus, Trees of the Campus, Flower Toys and Games of American Children, Flower Games and Toys of Indian Children, Star Lore, Indian Mounds of Lake Wingra, Stories of Little People (Fairies), and Insect Lore.

The establishment of house museums in different parts of the state, has been stimulated and approved by the state historical museum. Historic landmarks preserved partly through the interest of the museum are the Tank cottage at Green Bay (the oldest house in Wisconsin), the hospital of old Fort Howard at Green Bay, the Dousman mansion at Prairie du Chien, the hospital of old Fort Crawford at Prairie du Chien, the Indian Agency house built in Portage in 1831, the Grignon home at Kaukauna, and the Governor Nelson Dewey Farm home at Cassville.

Mark Indian Mounds

Work on preserving and marking the Indian mounds in the state began in 1910 on the campus of the University of Wisconsin. Gradually the territory was extended until at present the historical museum is working with the archeological society in surveying the entire state to determine the location of former Indian villages, mounds, and so on.

Summer excursions from the University to interesting points around Madison were originally organized by the museum, but are now conducted by the Memorial Union with

Publish Second New List of U. Alumni Members

For the second successive year The Wisconsin Alumni Association published a complete directory of its paid-up members during the recent months. This year's listings of members was a part of the regular mid-summer edition of the *The Wisconsin Alumnus*.

More than 5,000 names, listed according to classes, were contained on the 30 pages which comprised the directory. The earliest class represented was 1861, whose sole surviving member is the University's oldest living graduate, William W. Church of Los Angeles. Mrs. Agnes Sawyer Ferguson, of the Class of 1866, was the oldest alumna listed and represented the second oldest class. From 1871 to 1937 practically every class had at least one representative.

This particular issue of the *Alumnus* also contained a full account of the 1937 June reunions and an announcement of the results of the Alumni Association's Diamond Jubilee Membership Sweepstakes. These latter awards were won by the classes of 1897 and 1899, Basil I. Peterson, '12 and the West Bend and Minneapolis alumni clubs.

1,000 Alumni Reunited in June

Approximately 1,000 alumni of the University returned to the campus to take part in their class reunions last June. Members of 10 reuniting classes from 1887 to 1928 were entertained with a program of activities from Friday morning through the Commencement exercises on Monday. The classes of 1887, 1897, 1902, 1907, 1912, 1917, 1925, 1926, 1927, and 1928 reunited this year.

For the second successive year, an Alumni Institute was sponsored by the Wisconsin Alumni Association. Alumni were invited to participate in a series of round-table discussion groups led by prominent members of the faculty. Nearly 100 alumni availed themselves of this opportunity to return to "classes" on the Hill once again. The Institute will be repeated again next year.

Present plans call for the reunions of the following classes in 1938: 1888, 1902, 1903, 1904, 1905, 1913, 1921, 1922, 1923, and 1924. Some of these classes may not reunite, but their place will probably be taken by 1893, 1898, 1908, 1918 or other groups which adhere to the so-called five-year plan of class reunions.

Astronomy Wins Over Headlights!

Headlights and astronomy simply don't mix, so accordingly there will be no night parking on famed Observatory hill in the future. This edict was reached after the University scientists found great difficulty in carrying on their work in Washburn observatory while hindered by the bright lights of automobiles parked outside the observatory. Thus another University tradition has gone the way of all flesh. First it was Picnic Point, then the Drive near the campus, and now Observatory Hill.

lecturers furnished from the museum staff.

Museum Born 82 Years Ago

The history of the state museum is an interesting one. When it was established in 1855, 82 years ago, a small glass case in the governor's office in the capitol held all of its exhibits, which included four silver medals struck in Napoleon's era, some continental paper money, and personal memorials of George Washington, Daniel Webster, De Witt Clinton, and William Henry Harrison.

The growth and advancement of the state historical museum has been inseparably linked with that of the state historical society. This society was organized in 1849, but made no progress until 1854, when Lyman C. Draper was named director. Under Dr. Draper both the society and the museum made amazing progress. The museum was moved from the state capitol building in 1900 into its present quarters on the State University campus.

The Badger Quarterly

U. of W. Historian Given Rare Honors



PROF. A. A. VASILIEV

Two sets of honors which almost never come to American scholars were bestowed on Alexander Alexandrovich Vasiliev, world famous University of Wisconsin historian, during his recently completed visit in Europe.

In the name of their king, George II, the scholars of the University of Athens, Greece, awarded him an honorary doctor's degree for his distinguished studies in the field of Byzantine history.

And across a frontier or two, over in Prague, the Archaeological Institute of Prague announced to Wisconsin's historian that this fall, on the occasion of his 70th birthday, it would publish an honorary volume on Byzantine history, prepared by scholars from the seats of European study, which it was dedicating to Vasiliev.

New Volume Appearing

Still further north, in Brussels, the second volume of Prof. Vasiliev's study of "Byzantine and the Arabs" was going to press under the direction of the Belgian Institute of Philology and Oriental History. This too, will come out this fall, about the time he reaches his 70th birthday.

Prof. Vasiliev reaches his 70th birthday Oct. 5 or 6—he isn't sure which—and he approaches it with a bit of misgiving, because it marks his last year as a member of the university faculty in view of the uni-

versity requirement for compulsory retirement at the end of the year in which a professor reaches 70.

Suitcase on Trebizond

He's really too busy with plans for this year to worry about next year, he says. Besides his teaching and his piano playing, he'll be working on a history of Trebizond in world literature and getting in some good licks on the memoirs of his experiences at Wisconsin.

Prof. Vasiliev has a special suitcase full of material on Trebizond, a forgotten Greek civilization of ancient and medieval times, whose history he has been exploring with the tenacity of a bloodhound.

In the 12 years of his residence in Madison—he came here from Russia—Prof. Vasiliev has had 42 of his studies published in all parts of the world. Only last year the Medieval Academy of America published two of his works, "The Goths in Crimea" and "Foundation of the Empire of Trebizond."

Prof. Vasiliev's tools for the studies which receive world wide attention in scholarly circles are a background of 45 years of research, an insatiable curiosity about the past, and a good-working knowledge of the languages he needs for his specialty—Greek, Latin, Italian, German, French, Spanish, Bulgarian, English, and the Slavonic languages.

U. Graduates Join High School Staffs

Departments of agriculture in a considerable number of Wisconsin high schools are headed, this fall, by graduates of the recent 1937 class of the University of Wisconsin, according to a report by J. A. James of the agricultural college. For the third consecutive year, the demand for men trained in agricultural education to head high school agricultural work has been greater than the supply.

High school staffs upon which members of the 1937 class are serving are: Auburndale, by Robert Bergstrom of Glen Flora; Brandon, by Donald Walters, Westfield; Clayton, by Frederic Gilmore, Bristol; Cromwell, Minnesota, by Irl Poehlman, Sugar Bush; Deerfield, by Harlan Stone, Prairie du Sac; Frederic, by Stanley Olson, Marinette; Hartford, South Dakota, by Ed Mathwig, Wautoma; Kaukauna, by James Judd, Shullsburg; Lake Mills, by Dave Hamilton, Westfield; Montello, by Ransom Shestock, Algoma; Seymour, by Willard Reese, Mineral Point, and Shiocton, by Arnold Wochos, Algoma.

The sole purpose of one University of Wisconsin division—the Extension division—is to serve the people of the state at large, especially educationally under-privileged adults, with opportunity for college study and with information and leadership services. The number of Wisconsin citizens thus served

Wildcat, Badger Alumni to Have Dinner Oct. 29

The Wildcat and the Badger will dine in peace on October 28 when alumni of the two schools gather in the Memorial Union building for the first of a projected series of annual get-togethers preceding the annual football game between Northwestern and Wisconsin.

Believing that such an affair would do much to cement the relations between the two schools and build up a better camaraderie among the alumni in Madison, a group of representatives from the Northwestern Alumni club and the Wisconsin Alumni club of Madison started work on plans for the dinner last month.

President Walter Dill Scott of Northwestern has already signified his intention of attending. In addition, Coach Harry Stuhldreher, Coach Lynn Waldorf, and Athletic Director Tug Wilson of Northwestern will also appear on the program. Ray Dvorak will be on hand to lead the alumni in favorite songs of both schools.

The price of the dinner will be one dollar. Tickets may be obtained from the Alumni Association offices.

reaches 200,000 annually, and about 1,200 communities make use of one or more of these services each year.

October, 1937

Badgers Hold Annual 'Kick Off' Luncheon

"In all around style of play, there will be a general improvement. As for winning games, we will put our hands in the lap of destiny," was Harry Stuhldreher's parting admonition as he discussed prospects for the coming season at the second annual "Kick-Off" luncheon sponsored by the Wisconsin Alumni Association and the Madison service clubs on September 10, the opening day of football practice in the Big Ten Conference. The speech was broadcast over a hook-up of ten Wisconsin radio stations, WIBA, WIBU, and WHA, Madison; WLEL, Stevens Point; WISN, Milwaukee; KFIZ, Fond du Lac; WHBY, Green Bay; WKHB, LaCrosse; WSAU, Wausau; and WCLO, Janesville.

Wisconsin's athletic director and coach commended the loyalty of the alumni and citizens of the state. "Good will and comradeship where everyone works in cooperation means success in any endeavor . . . The spirit has seeped back into the younger element of the squad; the younger boys get it from the older members of the squad and they, in turn, get it from the alumni."

Referring to the team itself, Coach Stuhldreher said, "We have a problem child on our hands. Vast openings must be filled by inexperienced boys. We don't know what these boys will do when the opening whistle blows."

This year the Madison Shrine club was in charge of the meeting, assisted by the Alumni Association and the other Madison service clubs. Potentate Harry Geisler acted as master of ceremonies and introduced Dr. William F. Lorenz, chairman of the Wisconsin Athletic council, who, in turn, introduced Harry Stuhldreher. President Dykstra, Adjutant General Immel, members of the coaching staff and others were introduced before the broadcast began.

Represent Badgers in All-Star Game

Wisconsin was well represented in the annual All Star-Professional Champion football game in Chicago last month. A shining light of the All-Stars, along with Sammy Baugh and others, was "Eddie" Jankowski, the ramming, battering fullback from last year's Badger Varsity. Chosen for the squad but not called to play in the game was 1936 Captain John Golemeske. On the Packer team were Captain Milton Gantenbein, '31, end; Quarterback and guard Charles "Buckets" Goldenberg, and tackle "Champ" Seibold, and pass-slinging halfback, Arnie Herber. The latter two never played varsity for Wisconsin but competed only during their freshman years. Jankowski will play pro-ball for the Packers this fall.

Cash Scholarships Granted to Dozen Wisconsin Students

Twelve cash scholarships, known as the Sivyer scholarships, were granted to a dozen Wisconsin boys and girls by the University of Wisconsin board of regents recently. The 12 scholarships just granted are in addition to 20 others awarded last June, and complete the list for the year.

Income for the scholarships comes from a \$40,000 fund bequeathed to the State University by the late Ida M. Sivyer, Milwaukee, who died in 1931. Under the terms of the bequest, the scholarships are granted only to worthy and deserving students under the supervision of the University faculty committee on loans and under-graduate scholarships.

Wisconsin boys and girls who were just granted the scholarships by the regents, are:

Milburn D. Buetow, *Antigo*; John A. Bueseler and Gerald L. Freeman, both of *Madison*; Gene M. Farnsworth, *Marinette*; Louis D. From, Isadore Gold, and Earl Winter, all of *Milwaukee*; Lois Hagen, *Westby*; Willys R. Knight, *Ft. Atkinson*; Geraldine Milne, *Merrill*; Hyman Robock, *Berlin*; and Wesley N. Warvi, of *High Bridge*.

Physically handicapped children from homes in all parts of the state are made well and strong again through the medical aid they receive in the University of Wisconsin's Orthopedic hospital, where they are helped to become useful citizens again.

U. Arboretum Now Largest Outdoor Lab

A memorial entrance, dedicated to the memory of Michael B. Olbrich, former University of Wisconsin regent and initiator of the State University's 900-acre arboretum and wild life refuge at Lake Wingra near Madison, will be constructed in the near future as the result of several recent land additions to the University for the arboretum.

Mr. Olbrich was a member of the University board of regents from 1925 to 1929.

The memorial entrance will consist of a handsome low wall and eight-foot pillars constructed of Madison sandstone, with a small shelter house and natural plantings, all designed by the national park service and the State University staff, CCC enrollees quarried the stone which will be laid down by them. It is expected to be the foremost structure of its kind in this part of the country and will serve as a suitable entrance to the arboretum, already coming to national attention.

Express Appreciation

Harold M. Wilkie, president of the University board of regents, said of the memorial recently: "The regents are naturally very much pleased that this fine memorial plan is now going ahead to completion. We are extremely grateful to all those who have so willingly cooperated in an united effort to make it possible for the University to acquire this valuable addition to the arboretum in which we are so deeply interested."

Two recent land additions have pushed the total acreage in the arboretum to more than 900 acres. The additions, totaling 75 acres, were made possible through the cooperation of the Madison and Wisconsin foundation at Madison. Addition of the new land to the arboretum gives the University and the state the world's largest outdoor laboratory for carrying on experimental work on problems of reforestation and the propagation of wild life.

Important to Wisconsin

Both reforestation and the propagation of wild life are extremely important to Wisconsin, which must constantly look after its reputation as vacation ground and recreational center for the middle west. In line with this idea, development of the area has been pushed forward rapidly during the last year.

More than 15,000 pine and spruce trees have been planted in the tract, which at present is the home of a large number of species of game birds and mammals. These are expected to be increased rapidly in the future, since the particular kinds of foods and cover needed by each species has been greatly improved. A roadway through the arboretum has also been built, and barracks and experimental laboratories have been constructed.

In Concert Series



FRITZ KREISLER

Eighteen years is a long while for any organization to keep solvent while in the dangerous field of concert promotion, and it is especially remarkable with student managed enterprise. And so, the Men's Union Board, popularly elected student administrative group, announces with pride this fall its eighteenth annual concert series.

Heralded as its greatest array of talent since the depression years, the series will include Fritz Kreisler, violinist, Ezio Pinza, the Kolisch String Quartet, Albert Hirsh, pianist, and Marian Anderson, contralto. The season ticket sale has started and the student concert chairman anticipates another successful year.

The arboretum not only provides the state with a huge outdoor laboratory in which to carry on experimental work on forestry and wild life propagation problems, but is also useful as a demonstration ground in teaching land owners of the state, especially farmers, the technique of conserving wild game and making marginal lands useful as hunting preserves.

U. Men Give Aid

The arboretum was established four years ago through the efforts of University officials and public-spirited Wisconsin citizens. Originally consisting of less than 200 acres, it has grown rapidly during the past two years as citizens throughout the state became more and more interested in the project.

Two University faculty members, Professors Aldo Leopold and G. W. Longenecker, are respectively research director and executive director of the arboretum, and many members of the University faculty who are interested in conservation of the state's national resources have aided in the development of the arboretum. A CCC camp is now stationed in the arboretum and is doing excellent work in its development.

In its constant fight against disease and epidemics, the University of Wisconsin's hygienic laboratory tests each year thousands of samples of water from private wells and city water supply systems to be sure that the state's drinking water is free of various kinds of germs.

New Alumni Membership Classes Set

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intermediate members applies.

Continue New Services

Since the Association loses money on all senior class memberships and intermediate memberships, a second new classification was authorized, viz., sustaining membership. This is offered to loyal alumni who would like to do something extra in promoting the best interests of their Alma Mater and helping their Alumni Association. Sustaining memberships are ten dollars a year and the increased income from this source enables the Association to continue the new services developed in celebrating its seventy-fifth anniversary.

Foremost among these services is the new WISCONSIN ALUMNUS—a new magazine with a new name, new dress, more class news, more photographs, more campus news and more interesting articles than ever before. The WISCONSIN ALUMNUS is today recognized as one of the outstanding magazines published in its field.

Get Football Letter

Stuhldreher's FOOTBALL LETTER is another of these new services which have proven so popular with alumni. One of these FOOTBALL LETTERS is written by Coach Stuhldreher after each game. They give alumni Coach Stuhldreher's story of the game as he sees it from the bench; Badger football news direct from the sidelines; first-hand information and behind-the-scene accounts of the game just played which only the coach can supply.

Due to a growing demand for these FOOTBALL LETTERS, they are this year available to non-members of the Association as well as members. When these LETTERS were published for the first time last year they were limited to members of the Association. All Association members received these FOOTBALL LETTERS as part of the regular membership service, without extra charge. This applies this year also, so if you are a member of the Association you will get Stuhldreher's FOOTBALL LETTERS after each game without extra charge.

Send Special Letters

To take care of alumni who are not members of the Association, these FOOTBALL LETTERS are now available to non-members as a special service at a fee of one dollar for the series of eight LETTERS.

Association members also get another service which includes special letters and bulletins by faculty members and alumni officials sent out between the regular issues of THE WISCONSIN ALUMNUS to keep alumni posted at all times on what is happening at the University.

Membership in the Wisconsin Alumni Association is open to anyone who has attended the University for one semester or more.

Unfortunately, some alumni have gotten the notion that membership

Record Number Enroll in U. W.

(Continued from Page 1)

is limited to graduates of the University. This is contrary to fact because anyone who has attended the University for one semester or more is eligible for membership in the Association.

To Build New Union Addition

(Continued from Page 1)

ter productions, dance recitals, motion pictures, lectures, conventions; laboratory theater and projection room; green room; art exhibition space; rehearsal rooms; and an open air theater on the lakeshore.

Workshops: Camera club dark-rooms and studio; theater carpentry; costume, electric, make-up, and paint shops; Union workshops, including studio, art metal, sculpture, and design shops.

Recreation rooms: bowling alleys; meeting room for clubs and small lectures; lounge-kitchenette for faculty-student discussions and small receptions; board room for board and committee meetings; music room; radio rooms for broadcasting stage events and directing radio plays; sports equipment and locker room for rental of skis, toboggans, bicycles, and archery equipment.

Sources of information used in arriving at the above schedule are the CWA survey of the student use of leisure time made in 1934, giving facilities most desired by students in the new addition; observation of campus recreational needs as revealed by the nine years operation of the present Union; and conferences with university departments.

Committees advising the architects on behalf of the University have been appointed by President Dykstra and consist of faculty, alumni, student, and regent representatives.

Group Aids Plans

A small administrative group, designated as the Union building planning committee, is composed of Dr. H. C. Bradley, chairman; Porter Butts, secretary, Orien Dalley; F. O. Holt, J. R. Lane; and J. D. Phillips.

A larger advisory group, representing the University interests most closely related to the operation of the new addition, includes: Walter Frautschi, alumni; A. F. Gallistel, maintenance and grounds; Dean S. H. Goodnight, faculty and student men; Dean Louise T. Greeley, faculty and student women; Margaret H. Doubler, dance recitals; D. L. Halverson, food service; J. E. Hansen, visual instruction; H. B. McCarty, radio; director of the Music school, music; A. W. Peterson, finance; Ethel Rockwell, extension dramatics; G. C. Sellery, faculty; Harry Stuhldreher, men's games and recreation; Richard Tinkham, men students; Blanche M. Trilling, women's games and recreation; A. T. Weaver, drama and forensics; Hallie Lou Whitefield, women students; Harold Wilkie, regents and Memorial Union Building committee; and President Dykstra, ex-officio.

U. W. Leads in Science Fields

(Continued from Page 1)

which to spend the fellowship year.

Of these 12 universities, only three are state universities, while the remainder are private schools. The 12 institutions are: Chicago, Princeton, Wisconsin, Johns Hopkins, Carnegie Institute of Technology, California, Yale, Harvard, Massachusetts Institute of Technology, Columbia, Cornell, and Michigan.

The University of Wisconsin is one of only 14 American universities and research centers at which a number of British students and public officials will study in this country during the next two years as guests of the Commonwealth Fund in New York; it was recently announced by officials of the Fund. Eric T. A. Edwards, of the department of agriculture, New South Wales, Australia, will come to the University of Wisconsin this year to study agriculture for the two-year period, the announcement revealed.

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at the opening of the school term.

This year's freshman class is the first to be welcomed to the campus by Pres. Dykstra who became the University's chief executive last spring, and it is the largest freshman class in the University's 87-year-old history.

Pres. Dykstra Gets Ovation

When Pres. Dykstra was presented to the assembled freshmen at the convocation he was given a standing ovation and a rousing skyrocket. Explaining that in a bi-lateral agreement, each party agrees to do certain things which will be of advantage to both parties, he told the freshmen that under their part of the agreement, they could offer to the University and the state:

What Frosh Can Offer

"Youth, enthusiasm, fresh minds, possibility of intellectual growth and a wholesome, decent attitude toward life; time and effort; the promise of future service; and good will."

In return for these advantages, Pres. Dykstra said, Wisconsin and its University offer the freshmen:

"Some years of association with one of the really great educational institutions of America; an appreciation of the Wisconsin spirit and essence; a chance for self-development, the making of lasting friendships, the opportunity of practicing self-government and the spirit of co-operation; and some knowledge of our civilization, its problems, its possibilities and its challenges."

"Let us here and now consider the signing of this bi-lateral agreement and go forward together to a year of fellowship, of sound achievement, and of a further kindling of those enterprises and aspirations which make Wisconsin one of the brightest jewels in the galaxy of American states," he asserted.

See New Vistas

"In this University we want to develop careful and profound thinking, sane and balanced living, and a decent wholesome approach to the problems of life. We want you to share the opportunities and the responsibilities that inhere in our University. We want to help you in your problems and difficulties with a true sympathy and an honest cooperation. Together we shall see new vistas and discover new truths."

"You are eager to be here and to make the most of the experience that will come to you on this campus," he told the freshmen. "We are delighted to have you, and we shall watch you grow in stature and in understanding with the keenest interest."

Frosh Meet Deans

Pres. Dykstra was presented to the freshmen by Jack Clifford, senior student from Madison, who is president of the Men's Union board. During the convocation, University deans and officials were introduced to the freshmen by Pres. Dykstra. Among them were:

Curtis G. Merriman, registrar; Frank O. Holt, dean of the Extension division; Scott H. Goodnight, dean of men; Chris L. Christensen, dean of the college of agriculture; George C. Sellery, dean of the college of letters and science; C. J. Anderson, dean of the school of education; Lloyd K. Garrison, dean of the Law school; Edwin B. Fred, dean of the Graduate school; James D. Phillips, business manager; William S. Middleton, dean of the Medical school; and A. V. Millar, acting dean of the college of engineering.

APPLICATION FOR MEMBERSHIP

Wisconsin Alumni Association,
770 Langdon Street, Madison.

1937

I want to do my share in carrying out the primary objective of the Association as expressed by its founders: "to promote by organized effort the best interests of the University of Wisconsin." Accordingly, here is my check for membership in the classification indicated below which will bring me THE WISCONSIN ALUMNUS, Stuhldreher's FOOTBALL LETTERS and the other new services described in another column on this page.

First year membership for the class of 1937 \$1
 Intermediate membership for the classes of 1932 to 1936 inclusive \$2
 Regular membership \$4
 Sustaining membership \$10
 Life membership \$50

(Alumni who want the Stuhldreher FOOTBALL LETTERS but do not want to be members of the Wisconsin Alumni Association, check the space below and return this blank with one dollar.)

Stuhldreher FOOTBALL LETTERS \$1

Name Class
Address
City State
(Family membership for husband and wife: first year—\$2; intermediate—\$3; regular—\$5; sustaining \$15; life—\$75.)

Expect Many at U. Homecoming

(Continued from Page 1)

of Iowa as to which state has the biggest and best corn.

Student enthusiasm for Coach Harry Stuhldreher and his band of fighting Badgers is the strongest in the past few years. Prospects for a capacity Homecoming crowd of nearly 40,000 loomed as a bright possibility this week, as Harry Schwenker, director of ticket sales, reported that the University of Iowa has ordered 2,000 tickets and asked that another block of 1,000 be kept on reserve for the game.

Ticket sales far exceed last year's, Schwenker said. More student, faculty, and university employees coupon books have been sold, and public ticket demands show a decided upswing over last year.

Bust Atoms With Big Lightning Bolt

A generator giving a bolt of lightning at 2,700,000 volts, which is the highest steady voltage that has ever been attained and actually used in atomic disintegration, has been developed by University of Wisconsin physicists recently for experiments on atom busting, it was revealed today by Raymond G. Herb, research associate in physics at the State University.

Using a new type Van de Graaff electrostatic generator, which was recently developed at Wisconsin, Mr. Herb and two other Wisconsin physicists, D. W. Kerst and D. B. Parkinson, are using their new high voltage to impart a high velocity to protons.

These protons, which can be considered as tiny electrical bullets, are strongly propelled by the high voltage and are shot at a terrific velocity through a 12-foot molded porcelain tube or proton gun at a target of whatever element is to be disintegrated. Already several research laboratories, including the Westinghouse Electric company, have adopted the new electrostatic generator for their own use.

Make Accidental Discovery

Mr. Herb revealed today that he had discovered a way in which to obtain the higher voltage in quite an accidental manner. He explained that one day he was using a small generator in an experiment, and the generator seemed to be running poorly. He thought that the belt attached to the generator was dirty and decided to clean it off. Spying a small bottle of carbon-tetrachloride, a liquid substance often used for cleaning clothes, he used it to clean the belts and put them back on the generator.

Immediately the generator worked very well, for a while at extremely high voltage. Tests followed, and the discovery was made that the cleaning substance was responsible for the high voltage. Today, by using the carbon-tetrachloride in the University's huge atom-busting tank, the physicists are able to obtain the world's highest steady voltage yet used in atom-busting work.

Both the new electro-static generator and a 12-foot proton gun are housed in the large 20-foot steel tank, five and one-half feet in diameter. Near the center of the tank, at the breach of a discharging gun, is a large steel cylinder into which electrostatic charges are fed by means of a rubberized cloth belt through a tunnel-like row of aluminum hoops.

The cylinder is one of the basic parts of the equipment for building up the high voltages needed in the successful busting of the mysterious but powerful atoms. In the interior of this cylinder charges are removed from the belt and surge to the outside of the cylinder and thus build up the high voltages needed.

A separate high voltage unit inside the cylinder is used to provide the protons, which are merely positively charged particles of electricity. These protons, or "electrical bullets," are shot through the proton gun at the terrific speed of about 15,000 miles per second, smashing with almost irresistible force into the element being disintegrated.

Along with their atom-busting experiments, which are being carried on to gain information concerning the nucleus or core of the atom, the Wisconsin physicists are also using their equipment to delve into the action of protons and the attraction of these positively-charged electrical particles for each other, and also into the field of gamma rays.

In their experiments so far, the Wisconsin physicists have found gamma rays when the element fluorine is bombarded by protons at 2,000,000 volts. These rays are extremely hard X-rays, of very high intensity. This radiation is even harder than the radiation from radium and of such intensity that it might be of great value in certain fields of medical science.

Coach Stuhldreher Gives Broadcasts

The Milwaukee Dairy council recently completed arrangements with Coach Harry Stuhldreher for 27 radio broadcasts on station WTMJ, Milwaukee, during the football season. The first went on the air on September 20. The series will continue every Monday, Wednesday and Friday night from 6 to 6:30 until November 19, the night before the Minnesota game. Russ Winnie, '27, chief announcer for WTMJ, will announce the program.

Two Outstanding Juniors Named

Martha Forster, Philadelphia, and Horace W. Wilkie, of Madison, son of Harold M. Wilkie, president of the Board of Regents, were the winners of the Wisconsin Alumni association awards to the outstanding junior classman and woman announced at the close of last semester. Awards are \$100 cash prizes.

Miss Forster is a political science major and has been active in many campus groups. She was the chair-

man of the banquet committee for the 1938 "Parents' Weekend". She was sub-chairman of the freshman orientation committee, chairman of the Women's Self-Government association judicial committee, a member of Crucible, junior women's honor society, and a member of Gamma Phi Beta sorority.

Wilkie is president of the house president's council and the University Y.M.C.A. He has been an active member of the Wisconsin men's Union board for the past two years and has also been active in forensics. He is a member of Delta Upsilon fraternity. His scholarship average is close to a perfect "Excellent".

The University of Wisconsin's college of engineering is constantly carrying on research and tests which seek greater safety and more economy in construction work. Recently successful experiments in the mixing of concrete saved the state considerable in paving costs in one year's time.

Pres. Dykstra, Deans Welcome Freshmen

A message of welcome from Pres. C. A. Dykstra, and personal messages extending aid and advice from Dean of Women Louise Troxell Greeley, Dean of Men Scott H. Goodnight, and Registrar Curtis Merriman, are all contained in the current edition of the Wisconsin Freshman Handbook which was given to all first year students who enrolled in the University of Wisconsin this fall.

In his message of welcome, Pres. Dykstra told the freshmen that "as the University world opens before you we want to help you in your problems and difficulties with a true sympathy and an honest co-operation. Together we shall see new vistas and discover new truths."

"A word of welcome comes to you, the great group of students who are with us in Madison for the first time," he said. "You are eager to be here and to make the most of the experience that will come to you on this campus. We are delighted to have you, and we shall watch you grow in stature and in understanding with the keenest interest."

Need Hard Thinking

Advising the freshmen that "a stiff upper lip and a willingness to do a bit of hard thinking from time to time will keep your intellectual and spiritual life in pretty good order. Pres. Dykstra told the first year students:

"You have a mind. It was made to use. It can be trusted if it operates with intelligence and if it can get at the facts. You have a backbone and some moral fibre. Both need training and cultivation. The University is no place for the flabby minded or the loose-livers. Here we want to develop careful and profound thinking, sane and balanced living, and a decent wholesome approach to the problems of life. We want you to share the opportunities and the

responsibilities that inhere in this, our State University."

Offer Students Aid

Urging students to call on her office for any aid they desire, Dean Greeley declared in her message that knowing students personally is one of the greatest pleasures in the work of the dean of women. She told the freshmen that "your friendship is, to us, a very rewarding thing and it is always our hope that with our friendship we may combine help to you."

In his message, Dean Goodnight advised the freshmen that the dean of men and the dean of women "will appreciate your friendship and respect your confidence, and either will be glad to be of assistance to you whenever possible." He asserted that there is no place in the world where circumstances combine to make it so easy for a man to lead a healthy and happy and productive existence as in the modern university.

Pays to Do Good Work

Discussing the question as to whether or not it pays to do good work in the University, Dean Goodnight told the freshmen:

"Don't let anybody tell you that it doesn't pay to put great effort into one's college work, that college work is 'impractical,' and that to 'get by' is all that is necessary. Precisely the contrary is true. It pays very handsomely to do high grade work in college, both in satisfactions and recognitions obtained during the course, and in good positions which are always waiting for men who have excelled in their college work."

Inviting the freshmen to use the friendly assistance of his office during their University careers, Registrar Merriman in his message challenged the new students to make every effort to keep their marks on a high level during their four years in the University.

Gives Art



JOSEPH DAVIES

U. W. to Receive Notable Russian Art Collection

The University of Wisconsin will have the first and foremost gallery of paintings in America by modern Russian artists when the Davies collection, the gift of Joseph E. Davies, U. S. ambassador to Russia and Wisconsin graduate, arrives on the State University campus in the near future.

The collection, which was offered by Ambassador Davies to the University several months ago and accepted by the board of regents at a recent meeting, will be the first of its kind on permanent display in America.

About 100 Paintings

The paintings, collected in Russia by Mr. Davies and his daughter, Emlen Knight Davies, who attended this year's University summer session, are now in Washington, D. C. The collection, consisting of about 100 paintings, are to be shipped to Wisconsin within a short while, although definite date for the shipment is not yet known.

The subject matter of the paintings of the Davies' gift is greatly diversified. Historically speaking, they deal with Russian events, scenes, habits and manners that start 500 years ago and bring one up to the present era.

Many Landscapes

They are landscapes of city and country, plains and mountains. There are scenes of battle and peace, torture and merriment, of frozen isolation and sunny harvest. The winter theme, as in the work illustrated here, is carried through in the majority of the

Make Plans for Dad's Day at University

Dad will once again come into his own on November 13, when the University celebrates a revival of the annual "Dad's Day" in conjunction with the Wisconsin-Purdue football game.

The original Dad's Day was held in 1925. It survived until 1929 when the administration merged it with Mother's Day in the spring of the year, calling the combined event Parents' Weekend. The revival of Dad's Day will not affect the Parents' weekend plans and tradition.

Present plans call for a large dinner following the football game, special church services on Sunday, dinners at the fraternities, sororities, and dormitories, and open house in the Saturday morning classes on the hill. Special seats will be set aside for the dads and their children at the game on Saturday afternoon. Student committeemen in charge of plans for the event urge all fathers of students now in school to make every effort to attend the Dad's Day game and remain for the dinner and Sunday affairs.

paintings.

Among scenes depicted are village log cabins with floorless interiors; a goatherd with his flock high in the mountains; a heavily coated Cossack riding a shaggy pony across barren steppes and a group of Russian peasants.

When he offered the gift to the State University, Mr. Davies had this to say concerning the collection: "The pictures, I think, have a real educational value for I believe they interpret and explain many of the reasons for, and developments in, the great events which are transpiring in Russia."

Wisconsin Alumnus Change Announced

A brand new magazine, changed from cover to cover, will be published this year by the Wisconsin Alumni Association. The first issue will go in the mail soon after November first.

Size, style, contents and publication date have been changed in a sincere effort to give alumni a magazine which will supply a clearer picture of what is happening at the University of Wisconsin. This magazine will have a new dress, more class news, more photographs, more campus news and more interesting articles than ever before.

The new WISCONSIN ALUMNUS will have ninety-six pages, with the page size the same as such national magazines as HARPERS or the ATLANTIC MONTHLY. It will be packed full of University news for Wisconsin alumni.

Increasing the number of pages makes it possible to departmentalize the news and give alumni more information about the activities of the various colleges or schools in the University. For example, alumni of the Law School will be able to find in this new magazine the kind of information which will keep them abreast of changes and developments in the Law School. The same will be true of alumni from the other schools and colleges. Every effort will be made to make the WISCONSIN ALUMNUS a faculty history of the University so that alumni will know what is happening on the Campus and will want to file these copies as a permanent record of events and developments at their Alma Mater. Members of the Association will receive their first copy soon after November first.

Honored

K. L. Hatch, who recently retired as associate director of the agricultural extension service at the University of Wisconsin, was one of three widely known leaders awarded certificates of recognition by Epsilon Sigma Phi, national extension workers society.

He was honored as one who had been engaged in extension teaching since the beginning of the work in Wisconsin. He joined the staff of the university in 1909 as head of the newly formed department of agricultural education. His class offered for the first time in 1910 is believed to be the first course in agricultural education ever presented.

Artist Curry Sketches Badgers



John Steuart Curry, artist in residence at the University of Wisconsin, looks over a sketch he has made for a football painting. Mr. Curry, one of the best known artists in the United States, gleaned his football knowledge by playing the game, and he refreshed it by watching Coach Harry Stuhldreher's Badgers each afternoon in spring practice last spring.

Commerce Bureau Aids Business

During its first year, the University of Wisconsin commerce school's bureau of business research has carried on important commercial investigations for Wisconsin lumbermen's and wholesale grocers' organizations, and for the Wisconsin Banker's association, it was announced recently by Prof. F. H. Elwell, director of the school of commerce.

Working in cooperation with professional and trade associations, the State University's youngest service bureau is attempting to aid the many small businesses of the state, helping them to solve their accounting and commercial problems. Work already done for the three Wisconsin commercial groups was in the nature of financial research into operating statement problems.

Explaining how the bureau is trying to convey its services to the business men of the state, Prof. Elwell said that the bureau takes a given trade association and gathers all available data relating to that field from the standpoint of statistics, marketing, accounting, finances, or any specific type of study requested. For instance, in the survey of the lumbering field, the commerce school analyzed the general situation for 10 years back and compiled the facts relative to net profit, gross profit, and expense items of 300 corporations.

List Seven Functions

Seven functions which the bureau of business research attempts to fulfill were enumerated by Prof. Elwell as follows:

Assemble, maintain, and publish the significant business facts of Wisconsin;

Analyze the significant economic facts of Wisconsin for the purpose of finding the economic relationships and factors involved;

Make available the essential facts regarding business conditions, new factors, etc., in order that the business men of the state may use the data in managing their businesses;

Cooperate with the financial, manufacturing, retail, and professional organizations in the analysis of their problems;

Cooperate with the research departments of industries and organizations in furthering the business interests of Wisconsin;

Serve as a central clearing house for statistical data regarding Wisconsin business; and

Develop a wider appreciation of business opportunities in Wisconsin and help create a more general interest in the business and industrial life of the state.

Aid State Business

Prof. Elwell has several times expressed the belief that the State University's school of commerce should be so organized and in such relations with the business life of the state that business men would come to it with their problems for help. He emphasized that in operating the bureau, the school of commerce has no intention of competing with any private business or profession, but that the bureau is working solely through trade and professional associations, and does not attempt to solve the individual business man's problems in merchandising, advertising, accounting, or income taxes.

Junior Show Dates Set for Oct. 25-28 at State University

The annual Junior Livestock Exposition will be held at the University of Wisconsin, October 25-28, announces Arlie Mucks of the animal husbandry department of the university.

Held under the auspices of the Wisconsin Live Stock Breeders association and the State University's college of agriculture, the junior show attracts several hundred young exhibitors from all parts of Wisconsin.

Because of increased interest in Angus and Herefords, prize money in these classes is being increased this year, according to Mrs. Buelah Olson, assistant secretary of the association. The premium list is now being prepared.

Iowa Lauds Former Badger

Testimony to Bernard Wernick Hamilton, a former University of Wisconsin staff member, now head of the department of dairy bacteriology, Iowa State college, was paid by his former students in a book on his life and work dedicated to his untiring research in behalf of the dairy industry.

U. W. Students from Wisconsin Get Scholarships

Thirty-six cash scholarships and fellowships for University of Wisconsin students, recommended by the faculty committee on loans and undergraduate scholarships, were approved by the State University board of regents recently.

All of those who were voted the scholarships and fellowships are from Wisconsin homes. Following are the various scholarships and fellowships, and those who will receive them for the coming school year:

American Association of University Women Scholarship, Pearl C. Patterson, Monroe; Amelia E. H. Doyon Scholarships, Dorothy E. Gant, Madison, and Violet E. Voss, Kiel; Fannie P. Lewis Scholarships, Angeline C. Biloti, Kenosha, and Regina Feiner, Watertown; Kappa Gamma Gamma Scholarships, Elizabeth A. Franklin, Madison;

Sivyer Scholarships, R. Irene Denoyer, Madison; Charles F. Eck, Madison; Ernest A. Engelbert, Hollandale; Harold R. Frauenheim, Random Lake; Leo J. Fuchs, Milwaukee; Myron L. Gordon, Milwaukee; Henry T. de Hartog, Waupun; Dudley Huppier, Muscoda; Bryton D. Lohmiller, Fond du Lac;

Reynold D. McKeown, Green Bay; William F. Marquardt, Two Rivers; Don A. Martindale, Marinette; Martin F. Raynoha, Madison; John S. Rezba, Manitowoc; Wayne M. Rounds, Wausau; Reinhardt N. Sabee, Racine; Richard K. Showman, Kenosha; John M. Slatensek, Wauwatosa; Ernest D. Wenberg, West DePere; Harold C. Youngreen, Monticello;

Christine Margaretha Steenbock Fellowship, Ruth L. Huenemann, Juneau; Christian R. Stein Scholarship, Virginia H. Bennie, Green Bay; Phi Kappa Phi Scholarship, Gertrude J. Dixon, Marshfield; Wisconsin Union Board Scholarships, Kenneth Bellile, Rhinelander; Kenneth M. Brown, Ft. Atkinson; Elinore M. Buehler, Stoughton; Ralph V. James, Briggsville; Esther A. Sneeberk, Algoma; and Everett A. Utecht, Milwaukee;

Regent Scholarships to Wisconsin High school students: Mary Jane Marks, Jack Jayne, Patricia Leonard, Andrew Rice, Robert MacDuffee, Jane Sullivan, Helen Bunn, John Brann, Tom Wright, Peggy Jamieson, Elizabeth Odegard, Mary Ellen Steinbauer, Phineas Kadushin, Lois Saack, Evelyn Napper, Josephine Trumbower, Dale Buck, and Barbara Coe;

Harlan B. Rogers Scholarship for year 1937-38, Charles H. Fenske, West Allis.

U. W. Corps Rated Excellent

All three units of the Reserve Officers' Training corps at the University of Wisconsin have been rated "excellent" for their work during the past year, notification received recently from Major General C. D. Herron, U. S. army, has revealed. The rating was given following the recent annual federal inspection of the Wisconsin corps.

U. W.'s Community Sing



Community singing has become a major attraction over the radio, and during the University of Wisconsin's summer session this last summer, it was one of the features of the Wisconsin summer school's social and recreational program. In the upper picture, Prof. E. B.

Gordon, of the school of music faculty, is shown leading a huge crowd of students in the community sing held in Music hall auditorium, while the lower picture is a close-up of three summer coeds lending vocal aid as the rafters ring.

Changes in U. Faculty Are Listed

A total of more than 100 changes in the University of Wisconsin faculty for the current school year, including new appointments, promotions and leaves of absence were announced by M. E. McCaffrey, secretary of the Board of Regents.

The changes are contained in the university budget for 1937-38, adopted by the regents last June. The list includes 32 new appointments, 71 promotions, and nine leaves of absence.

New appointments in the various departments and divisions of the university are as follows:

Lieut.-Col. W. C. Weaver, infantry, to be professor of military science and tactics; and Master Sergeant Thomas P. Kelley, retired, to be assistant to the professor of military science and tactics.

Howard Becker, professor of sociology and anthropology; Josef Birkenmajer, acting professor of Polish; A. A. Goldenweiser, acting professor of sociology and anthropology; Helmut Rehder, associate professor of German; A. R. Garnett,

associate professor of philosophy; N. D. Newell and Joseph A. Sharpe, assistant professors of geology, J. Murray Lee, Burbank, Cal. public schools, assistant professor of education and university extension; Oliver R. Floyd, University of Minnesota, assistant professor of education and university extension; James Kenneth Little, university extension division, assistant professor of education and university extension.

Roger J. Alpeter, assistant professor of chemical engineering; J. G. Woodburn, professor of hydraulic engineering.

J. K. Stewart, pathologist in the state laboratory of hygiene; Edgar S. Gordon, research assistant in medicine.

John L. Bergstresser, assistant dean and assistant professor; Loretta H. Adolfson, assistant in political science; Catherine Cassidy, assistant in visual instruction; Oliver R. Floyd, assistant professor of education; Paul W. Icke, instructor in geography; Lee J. Murray, assistant professor of education; Katherine W. McMullen, instructor in English; Ella M. Martin, instructor in botany; Justin Rau, assistant in photographic laboratory; Robert Roemig, instructor in French and Italian; H. H. Snyder, instructor in chemistry; Jack Telfer, instructor in charge of forums.

Willard Hurst, instructor; Phillip G. Marshall, librarian and instruc-

School Radio Study Under Way at U. W.

To study the value of radio as an aid to classroom instruction, the University of Wisconsin will conduct during the next two years a special research project in school broadcasting.

The plan provides for a staff of radio specialists and educators, with facilities for experiments, demonstrations, school visits, and objective evaluation. Through careful observations, tests, and measurements an attempt will be made to discover the place of radio in the school and to appraise its importance in class-room education.

The project, which promises to make tangible contributions to the technique of school broadcasting, was set up at Wisconsin primarily because of the pioneering work Station WHA has carried on in the field. Educators of the state are radio-conscious and schools are largely radio equipped. The state-radio station serves as the headquarters and working laboratory for the project.

Committee in Charge

Direct supervision of the Research Project is in the hands of an Executive Committee appointed by Dean E. B. Fred of the Graduate School of the University, under whose general direction other University research projects are conducted. The Executive Committee consists of: Dean C. J. Anderson, School of Education; Prof. H. L. Ewbank, Department of Speech; Prof. T. C. McCormick, Department of Sociology; and H. B. McCarty, Director, Wisconsin School of the Air and Station WHA. Prof. A. S. Barr of the School of Education has been named as technical adviser in research for the project, and Prof. McCormick is acting as a special representative of the University Research Committee in the conduct of the experiment.

Staff Is Named

The work of experiment and research is being carried on by a staff of specialists, with the help of several graduate students working as research assistants. The personnel selected is as follows:

Radio Education Specialist—Lester Ward Parker.

Research Specialist—Lee Howard Mathews.

Script Editor—Gordon Hubbel.

Research Assistants:

Margaret Anderson — Graduate student in speech.

Margaret Baker—Graduate student in education.

Mrs. Jane Calvi—Experienced supervisor of public school music, graduate student in music education.

Burton Mac Smith—Graduate student in education.

in legal bibliography; Florence Lanning, assistant librarian and instructor in legal bibliography; John R. Frampton, Henry Kaiser, and Hilbert Zarky, law fellows.

Plan 1937 Wisconsin Homecoming



E. J. COLLINS

The 1937 Wisconsin Homecoming, to be held Saturday, Oct. 16, is being planned and directed by Edwin J. Collins, Calumet, Mich., senior, and general chairman, and his three assistant general chairmen, Howard Teichmann, Chica-



HOWARD TEICHMANN

go senior, in charge of arrangements; Roger W. Le Grand, Milwaukee junior, in charge of promotion; and George Rooney, Appleton senior and scoring ace on the Badger cage team, in charge of Homecoming dances.



GEORGE ROONEY

The Homecoming chairmen have been laying plans to arouse soaring Badger grid hopes to new high levels for the Homecoming game, Oct. 16, which will be played with the University of Iowa. With the

October, 1937

The Badger Quarterly

University News for Wisconsin Alumni

Entered as second class matter at the Post-Office, Madison, Wisconsin.

Published cooperatively by the University of Wisconsin and the Wisconsin Alumni Association to keep alumni abreast of developments at their Alma Mater and to develop a closer partnership between the University and its alumni.

Editorial Staff

Executive editor Robert Foss

Managing editor A. John Berge

Alumni editor Harry C. Thoma

10,800 Students— A Challenge

By C. A. DYKSTRA
President, University of Wisconsin

The opening of school "as usual"! No, that is not quite the way to put it, for more young people throng this campus than ever before in the history of the university. The truth is that we have added to last year's heavy enrollment more students than make up the whole student body of many considerable colleges in the United States. Seven hundred is a goodly number — just to add. It is twice as many — this addition — as the whole number on this campus in the early days of President Bascom. At one time 10,800 students, a great challenge, a large opportunity and a heavy physical responsibility in the way of housing, class room and laboratory space and library facilities. This one fact suggests that a necessary program is a careful objective study of the campus as a problem in "city planning." We must be at it.

HEAVY ENROLLMENT

Another problem that comes with numbers has to do with quality. Are these students the kind of folks who can benefit from a university experience? Outside of the social development and the experience in self government which they receive can they profit intellectually on the campus? If we take the cut and dried method of approach to this problem we find that some of those entering do not measure up to the standards of performance set by the faculty. The rest of the students do manage to get the required number of grade points. Perhaps this is a crude method of measurement, but it is the only one in common use. Unless university standards are too low it would seem that the great bulk of those who come here have not only the right but the capacity to be here. The state, therefore, should furnish a proper teaching personnel to take care of these numbers adequately. For the present it is necessary to recruit a proportion of the teaching staff from graduate students of some maturity and experience. It must be determined some day whether this is sound policy.

BRINGS PROBLEMS

Many criticisms are heard of the "so styled" "higher education" in these days. There are many that may be levelled against university education. None the less we at Wisconsin are committed to the principle that the university serves the state and its people. We live also under the assumption that education makes a sounder citizenship. It is the rank and file of our citizens who will finally determine our democratic course of action. It must be apparent then that our problems of physical facility, student numbers, and quality of teaching must be resolved with the fundamental thought always in mind — that the future is in the hands of those who are now in our schools of all kinds, and that education ought to be a real instrument leading to competence, sanity, good will and an intelligent appreciation of the problems that lie ahead of us.

Meanwhile former students will be glad to know that the weather at Madison is glorious this fall, the campus is green and beautiful, the faculty is all primed for a year of hard work, the students are eager and co-operative, and the new president is enjoying this experience enthusiastically and with great anticipation.

The University of Wisconsin's Geological and Natural History survey constantly carries on valuable research on the state's lakes and streams to help conserve the state's natural fish resources and to protect the state's reputation as the recreational center of the middle-west — reputation which has given birth to a huge resort and tourist industry bringing millions of dollars to the state each year.

The University of Wisconsin's electrical standards laboratory tests various kinds of electrical products and electric meters each year to protect the consumers of electric power in the homes and factories of the state.

The state's General Hospital at the University of Wisconsin each year provides medical aid and care for hundreds of the state's indigent citizens, besides carrying on valuable medical research to protect the health of Wisconsin citizens.

The Labor Situation—

By DON LESCOHIER
Professor of Economics, University of Wisconsin

The current wave of labor organization and labor disputes involves four interesting situations. The sit-down strike contributed a new tactic to American labor disputes. The enactment of Section 7a of the National Industrial Recovery Act and the National Labor Relations Act, commonly known as the Wagner Act, gave labor the first national unqualified declaration that wage earners employed in interstate business have the right to organize unions and bargain collectively with employers. The struggle between the American Federation of Labor and the Committee on Industrial Organization, which started as a struggle over the form of labor organization, i.e., whether to be on craft lines or industrial lines, has now developed into a battle to determine which of the two organizations shall be the outstanding representative of American organized labor. The fourth problem is raised by the increased participation of labor in party politics. It is uncertain whether the apparently rich fruits of labor's open support of the Roosevelt administration will cause organized labor in the United States to abandon its traditional policy of keeping out of partisan politics.

Present Disputes Not Extraordinary

A large part of the public, particularly in the upper Mississippi Valley, are of the opinion that the present wave of labor disputes is of extraordinary size and importance. This is not true; the major portion of labor disputes at the present time are localized in Michigan, Indiana, Ohio, and Wisconsin. Labor disputes are occurring in other states but on a modified scale. The particular center of present labor troubles is in industries which have been operating on an open shop basis, such as automobiles, steel, hotels and restaurants, and a variety of small and moderate sized manufacturing plants. Neither in number of workers involved, emotional intensity, violence, nor duration, are the strikes of the present period as serious in proportion to the size of the nation's industrial population as during 1885-86, 1901-5, or 1916-22. It is possible that much more violence may occur during the latter half of 1937 than in the previous 18 months, for the non-strikers, local governments, and employers in the steel industry, are showing a more militant attitude of resistance. In certain situations the unions have gone to extremes which are alienating the sympathy of the public, notably the closing down of the lighting and power systems of the Saginaw Valley area in Michigan and the tie-up of practically the whole city of Lansing, Mich., in early June, 1937.

Unionism Declined During Twenties

During the twenties the American labor movement seemed to go into decline. Starting with a loss of 1,425,800 members between 1921 and 1923, union membership declined another 179,400 by 1929, and 470,000 members between 1930-33, which brought union membership in 1933 to the lowest point since 1916 — 2,973,000 members. The unions seemed to have lost much of their aggressiveness during the twenties. The average number of men on strike between 1923 and 1929 was the lowest for any such period during the twentieth century. Employers, on the other hand, carried on an extremely aggressive attack upon unionism from 1920 to 1933. Beginning with the effort to deflate wages in 1921 and 1922, and the open shop attack which began in 1920, the employers carried through a systematic program for wrecking labor unions. They obtained the support of the National Grange, the American Bankers' association, and business groups generally. Neither money nor effort was spared. Propaganda as well as direct attack was extensively utilized. The country was covered with a network of open shop organizations. Though union labor held its own in some fields (such as printing), on the whole the employers gained ground steadily for 13 years. Professional strike breakers were utilized on an unprecedented scale, particularly in the metal trades. Orders were transferred from "struck" plants to competitors. Yellow dog contracts, injunctions, and the black list was widely used. Spies infested the manufacturing industries. Personnel management was utilized to select workmen carefully, to individualize the treatment of labor, and to develop individual incentives, which tended to break up labor solidarity and to attach the workers to their employers instead of their unions. Welfare capitalism, group insurance, sick benefits, pensions, and employee activities, cultivated the view that the individual's welfare depended upon a permanent relationship to his concern.

Apathy Charged in 1932

The enactment of the Norris-LaGuardia Act in 1932 and the National Industrial Recovery Act in 1933 changed this picture. Labor suddenly started a vigorous drive to extend union organization and to win higher wages and shorter hours. In 1933 occurred twice as many strikes involving more than three times as many strikers as in any year from 1927 to 1932. In 1934 and 1935 the number of strikes went up each year. Unions grew apace. Meanwhile the employers turned to company unions as the best way of avoiding regular labor unions in their plants, and new company unions were rapidly established. When the Recovery Act was held unconstitutional it looked as if the employers and the company unions might emerge vic-



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torious. The enactment of the Wagner Act, however, both continued the government support for labor organizations and imposed restrictions which made many of the company unions of doubtful legality.

Now Witnessing Unique Situation

We are witnessing, therefore, a unique situation. For the first time in history the American labor movement launched a major offensive as a direct result of favorable legislation presumably compelling employers to recognize organizations representing a majority of their employees. Many of the general public think it was unfair for the government to enact legislation designed to assist the labor unions in securing recognition from employers. On the other hand, the growth of the large non-union industries, like automobiles, agricultural machinery, and steel, with the vicious weapons which were in the hands of the employers — to wit, the black list, the transferring of orders to other plants owned by the same corporation or to competitors, the use of professional strike-breakers furnished either by employers' organizations or private detective agencies, and the secret service (spies) which honeycombed most of the larger industries and made it impossible for workers to discuss their problems either in the shop, their own homes when guests were present, or other places where workers congregated — had given the employers powers which no private citizen or organization should have at its disposal to force their will upon other private citizens.

A. F. of L. vs. C. I. O.

The struggle between the American Federation of Labor and the Committee on Industrial Organization is reminiscent of the battle between the American Federation of Labor and the Knights of Labor in the late eighties. When the country emerged from the depression of 1873-78 about a score of national unions of craftsmen were in existence, which local unions in a number of other industries. Between 1879-82 these trade union craftsmen fought vigorously for wage increases, and expanded trade unionism rapidly. But the unskilled and semi-skilled were left almost completely outside of the movement and benefited little from it. The depression of 1884-85, however, created a different situation. Angered by the sharp wage reductions of 1884-85 and the competition created by the most rapid inflow of immigrants of any decade in the nineteenth century, masses of unskilled and semi-skilled workers were in a rebellious mood. Many thousands of them were members of the Knights of Labor, which included workers of all sorts and from all industries in the same "lodge." In 1885 and 1886 the rank and file of the organization forced their leaders to abandon their pacific policies and embark upon a series of major strikes. In March and October, 1885, the Knights defeated the Gould railroads in two spectacular strikes. Within a year 600,000 new members poured into the Knights of Labor, and an epidemic of strikes swept the country. Meanwhile the trade unions were also growing rapidly and conducting strikes on many fronts. The Knights of Labor could not continue to win major strikes unless they could get the skilled workers into their organization, and entered upon a vigorous battle with the trade unions for the skilled workmen. The Knights of Labor, which had been relatively insignificant up to its mushroom growth of 1885-86, lacked the cohesiveness, the practicality and shrewd leadership necessary to hold their own against the skilled craftsmen in the trade unions. Some current observers have jumped to the hasty conclusion that just as the young and vigorous craft unions of the eighties crushed the Knights of Labor, so the young and militant industrial unionism will overcome the American Federation of Labor in the present struggle. But the two situations are entirely different. The American Federation of Labor is an old, integrated, vigorous organization. Half a century of experience, involving many thousands of labor disputes, legal battles, the necessity of dealing with hostile public officials and legislatures, have made the Federation and its constituent national unions tough, enduring organizations whose leaders and members have the shrewdness and resourcefulness of experience. Craft unions will not easily be overwhelmed by either employers or a competing labor movement.

Bridging the Gap Between U. W. and Alumni

BY HOWARD I. POTTER

President Wisconsin Alumni Association

As you read this first issue of the BADGER QUARTERLY you will recognize its value in establishing a closer contact between the University and its alumni. This contact is highly important. No group is more deeply interested in the University.

Last August at a joint conference of the executive committee of the regents and the executive committee of the Wisconsin Alumni Association, the association officers outlined a plan by which a quarterly bulletin, through financial support from the University, might be sent to all alumni. The regents generously approved and the BADGER QUARTERLY which you are now reading is the result. Three more issues will be published this year in an effort to keep you abreast of developments at Madison.

Our seventy thousand alumni are scattered to the four corners of the earth, and it has grown increasingly difficult to bridge the gap between them and the University. With a new Chief Executive guiding the destinies of our University and new policies being adopted, alumni everywhere will welcome this opportunity to renew their interest through the receipt of first-hand information from the campus.

President Dykstra suggested a partnership with alumni in his letter to us last March: "I ask you, therefore, to make me a partner in your enterprise."

During the past year the following quotation over the signature of Dr. James B. Angell has appeared in bold-face type on the front page of each issue of *The Michigan Alumnus*:

"In a very just sense and in a very large degree the fortunes of the University are committed to your hands."

This significant statement strikes a key-note in defining the measure of importance as well as the obligation of an alumnus to his university.

When the Wisconsin Alumni Association was organized by a handful of loyal graduates on June 26, 1861, these founders expressed its objective tersely and clearly:

"To promote by organized effort the best interests of the University of Wisconsin."

That is today the objective of the Wisconsin Alumni Association and this BADGER QUARTERLY is designed to serve a part in carrying out this objective. We trust it will help to weld the bonds of common interest into a constructive force for the general good of a great University.

Let's Have A Moratorium

As you read this, Wisconsin will have completed playing the first two games on its tough 1937 schedule. Perhaps they won; maybe they lost. In either event certain overzealous alumni and friends will be praising the team to the skies, forecasting, without the shadow of a doubt, a championship year. This will be nothing new, for it happens every year, sometimes even before the season gets under way.

A few years ago, Wallace Meyer, '16, Chicago, becoming tired of this pre-season palaver, proposed a motion to the members of the Chicago Alumni Club. May we print it below for your consideration?

Let's Have a Moratorium on September Championships.

When I picked Wisconsin as my University, I liked the Wisconsin spirit. The Wisconsin spirit meant more than enthusiasm for athletics. It meant honest and high-minded thinking on all subjects that touch life. It meant courage to seek, search and discover, regardless of prejudice or the smug protection of habit and let-well-enough-alone.

In athletics, it meant sportsmanship. It meant to fight for victory until the last second of the game, by the strenuous exercise of every fair means to win, but win or lose, to accept the outcome in a gentlemanly manner. Neither to sulk and alibi in defeat nor to gloat in victory.

That is what Wisconsin means to me today. I don't have to hang my head if Wisconsin loses a football game. I don't have to watch my blood pressure when Wisconsin wins. So long as Wisconsin teams play the game for all that's in them, I'm proud of them. I think 99 out of every 100 Wisconsin men and women feel the same way.

But why must we be embarrassed every September by premature press reports of the great stars on the squad, the great lines, the great backfields, the likelihood that this year Wisconsin will win the championship, only to see, as the schedule progresses, that we have just a fair team?

Let's declare a moratorium on these September championships. Let's realize that Wisconsin is not a football factory — that the boys who make our teams are students first. Let's disregard the superficial viewpoint that a championship is all that counts in athletics. Let's get back to an appreciation of sportsmanship and be proud of the Wisconsin team that gives all it has of brains and guts, win or lose. So long as they fight, no matter what the odds, they deserve their "W's."