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The Wisconsin Alumni MAGAZINE

In this issue . . . Developing Ground
School Classes . . . The New Humanities
Course . . . The Latest Football News

NOVEMBER 1933

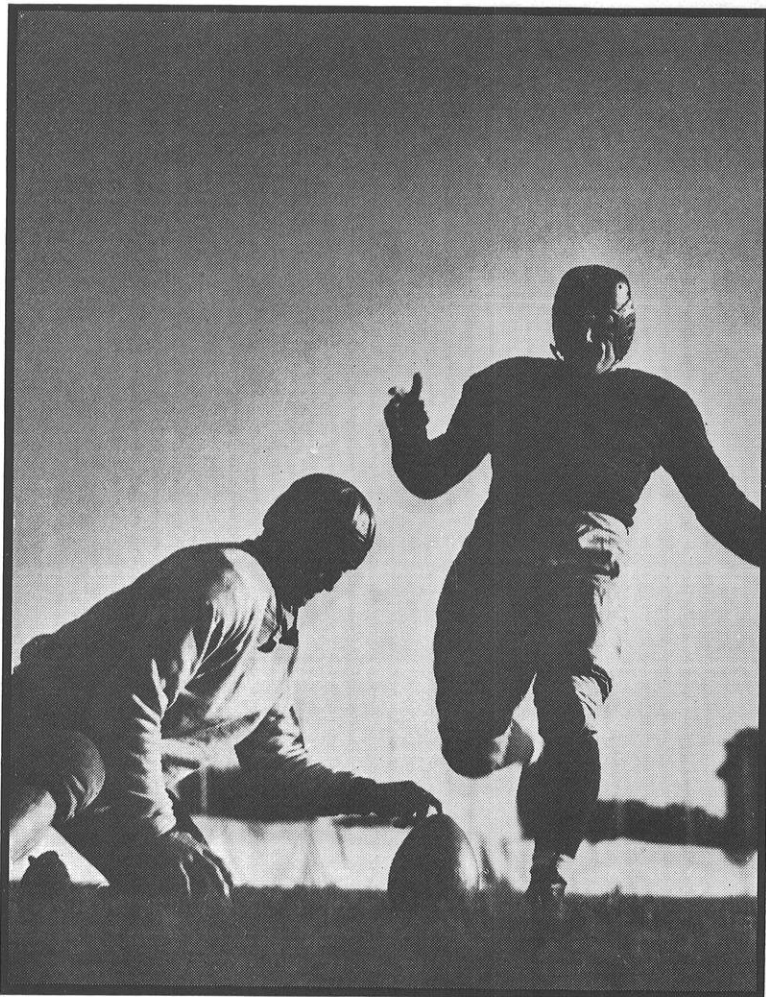
To Ye Old Grads

THE 1934 BADGER, bringing to you a paragraph and pictorial review of the 1933-34 school year, will be a welcome addition to your library as the only complete review of another scholastic year at Wisconsin.

Your alma mater is not a thing of the past to you. Your interest continues; no better way to satisfy your interest concerning the happenings and persons carrying on from where you left off is offered than THE 1934 BADGER.

Or, if your interest turns to past years, when you were in school, about other things that happened on the Hill, on Langdon street, and throughout the rest of the university district along Lake Mendota, we offer you a limited number of editions of former years.

The prices are \$3.50 per copy of THE 1934 BADGER until Jan. 1 (thereafter \$4.00) or one dollar for those of other years. With each copy there is a fifty cent mailing charge. This handy order blank will help you.



Hal Smith, University of Wisconsin football captain, and Carl Sangor, two of the campus personages who will be "among those present" in THE 1934 BADGER.

THE 1934 BADGER

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IN SPITE of a concerted campaign on the part of the Daily Cardinal, the League for Industrial Democracy and a few campus radical organizations to oust the R. O. T. C. from the campus, the enrollment in that body increased approximately 16% this year. A total of 553 students are now taking this form of military training. * * * Sigma Delta Epsilon, scientific fraternity for graduate women, did its part to alleviate the loan fund situation recently by donating \$200 from which loans will be made to graduate women working in the sciences. * * * The lower campus will never be the same again. There was once a time when students were privileged to splash through the mud and slush of this part of the campus when crossing to and from classes and the library. But University authorities have finally, after 87 years, built a cement sidewalk across the lower campus in front of the library. * * * Nearly 300 students are enrolled in the school of journalism this year, one of the largest classes in the history of the school. 102 freshmen and 63 sophomores are enrolled in the pre-Journalism classes while 75 juniors and 57 seniors are taking the advanced work. * * * Not only does Wisconsin produce good cheese, but Wisconsin dairy students know good cheese when they see it. This was represented when the Dairy Produce Judging team, representing the college of agriculture, won first place in cheese judging competition at a recent show in Chicago. * * * Thanks to the efforts of the Daily Cardinal and a few students, justice again prevails on the campus and the students will have their way about the Christmas recess. Back in 1922 the vacation was started in the middle of the week and classes also resumed during the week. This was done to accommodate some students who didn't wish to travel on Sundays and also because certain of the transportation facilities were not available over the week-ends. The faculty at their last meeting, however, voted to change this ten year plan and start the vacation on a Saturday and have classes resumed on a Monday. Students will now have two extra days in which to get on their families' nerves while at home. * * * The new Wisconsin Octopus continues to improve with each issue, and it appears that the campus can now boast of a real humor magazine. * * * The Haresfoot club plans to resume their road trips this spring. The title of this year's musical comedy will be "Dictated—Not Red." Definite announcement of the itinerary will be made at a later date. * * * A rather

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THE WISCONSIN ALUMNI ASSOCIATION

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VOLUME XXXV

NOVEMBER, 1933

NUMBER II

Table of Contents

	Page
Kings and Jacks in the New Deal.....	35
The Story of Wood.....	36
Behind the Footlights and on the Air.....	38
Training for Public Leadership.....	40
Badgers Impressive in Defeat.....	42
Badgers You Should Know.....	44
While the Clock Strikes the Hour.....	46
Alumni Briefs.....	48
With the Badger Sports.....	52
In the Alumni World.....	54
This and That About the Faculty.....	60

(Cover cuts through the courtesy of the Octopus)

Subscription to The Wisconsin Alumni Magazine is obtained by membership in The Wisconsin Alumni Association for which annual dues are \$4.00, \$3.00 of which is for subscription to the magazine. Family rate membership (where husband and wife are alumni) \$5.00. Life membership, \$50.00, payable within the period of five years. The Association earnestly invites all former students, graduates and non-graduates, to membership. Others may subscribe for the Magazine at same price, \$4.00 per year.

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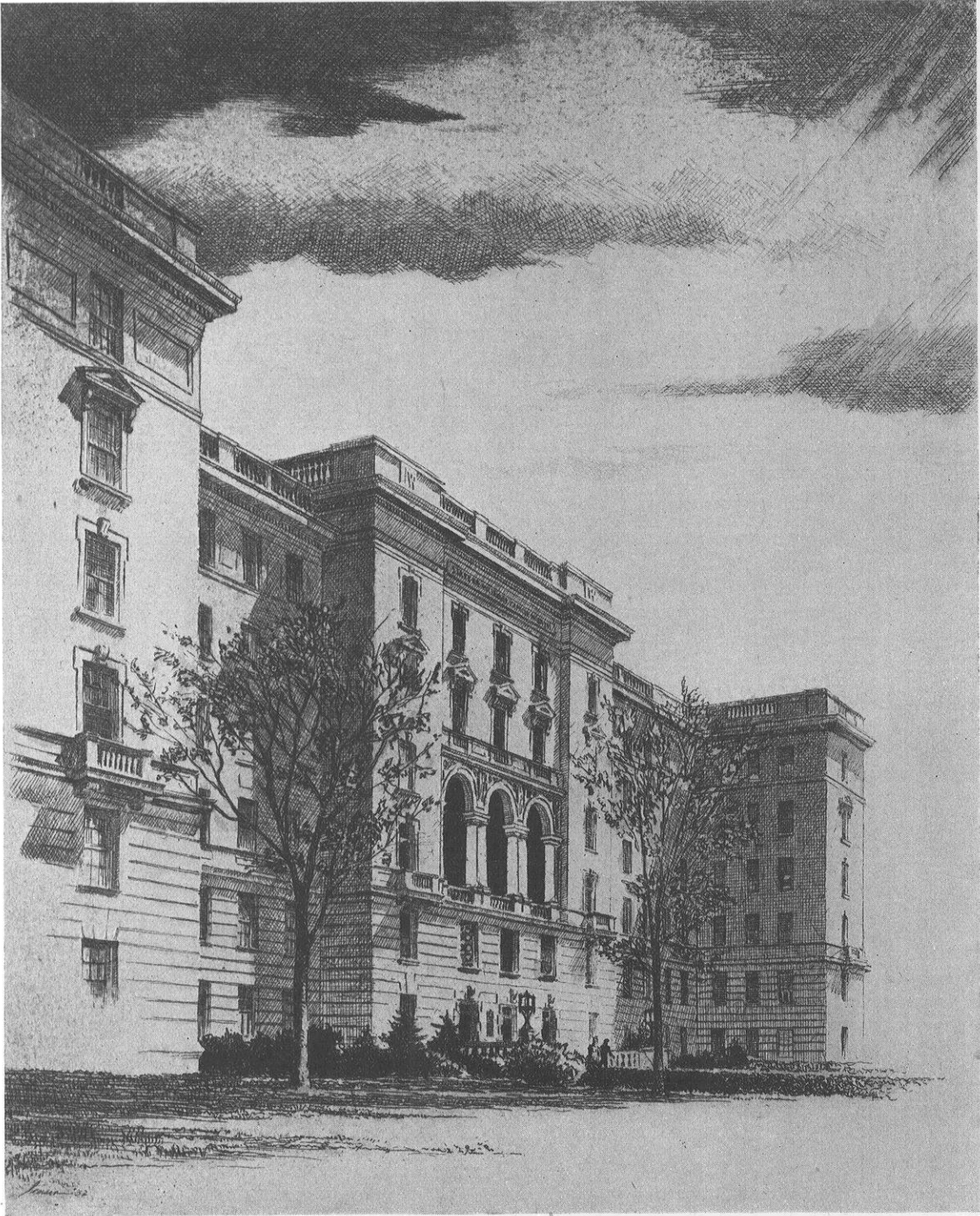
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alarming situation was brought to light recently when Dean Goodnight announced that the grades of fraternity pledges were among the lowest in the history of these organizations. A desperate effort is being made by most of the houses to remedy this situation since most every fraternity needs every

pledge they can lay hands on. * * * By vote of a faculty committee, next year's fraternity rushing will be done on a preferential system similar to that new used by the sororities. It is hoped that the evils of the old style cut-throat rushing will be eliminated under the new plan.



THIS attractive study of the University Hospital is the twelfth and last of a series of campus etchings executed by Harold Jensen, well known Chicago artist. Copies of this etching, mounted suitable for framing, may be obtained in the Association office for ten dollars. The complete set may be had for one hundred dollars.

Kings and Jacks in the New Deal

Alumni Play Important Parts in Government's Recover Program

WHILE the University of Wisconsin cannot boast of any Gen. Johnsons, Secretary Ickes or Woodrins among her list of alumni on official duty in Washington, she can point with pride to the many graduates who are devoting their energies to the re-establishment of the government's money, industry and agriculture. As in other emergencies Wisconsin alumni have "gone over the top," to use the old wartime expression, to be of greatest service to their country.

It would be well nigh impossible to publish a complete list of alumni who are engaged in governmental relief work in all parts of the country. There are thousands who are doing their share in their own communities, many without compensation, and there are probably hundreds of others of whom we have not heard. However, the following is a partial list of alumni who in some way or other are doing their part to bring back the normalcy which has been so long in coming around the well-known corner.

Altho only recently appointed, one of the most important posts being held by alumni is that of George C. Matthews, '08, who has just established himself in the federal trade commission office formerly held by W. E. Humphrey. Mr. Matthews was formerly director of the securities division and chief examiner of the Wisconsin public service commission.

Lloyd Landau, '15, is general solicitor of the public works administration whose program of re-employment of millions is gradually blanketing the entire country. Helping Mr. Landau is Samuel Becker, '22, who has been employed as counsel for the public works administration. Mr. Becker was formerly attorney for the Wisconsin board of deposits.

When David Lilienthal left his post on the Wisconsin public service commission to assume one of the three directorships of the Tennessee Valley Authority board, he took with him Edward G. Littel, '27, who will be his administrative assistant.

The very important task of directing the \$50,000,000 federal-state-local public works program in Wisconsin has been given to Walter G. Caldwell, '10, who has been able to take thousands of men from the state's relief rôles and put them to income producing work.

At the headquarters of the Reconstruction Finance corporation in Washington, John J. Blaine, former U. S. senator and Wisconsin governor, is a member of the Roosevelt board which is daily dispensing millions to stimulate banking and industry. Frank Kuehl, '21, is assisting Director Blaine in this arduous work.

Thomas K. Urdahl, '91, and E. M. Johnson, M. A. '26, are helping Joseph B. Eastman co-ordinate the transportation facilities of the country. Both men have had extensive training in transportation work. Mr. Urdahl is on the research staff and Mr. Johnson is an assistant in the section of transportation service.

George Bunge, '22, former football star, is now in the legal division of the housing division of the public works administration.

Corrington Gill, '23, is the new director of research and statistics for the federal emergency relief administration. He had been associated with the Hoover employment stabilization board as chief economist and statistician. He is now in charge of the census of the unemployed being conducted by the emergency relief administration in an effort to obtain vital information necessary to guide national planning for more nearly adequate relief. The census is being made on the basis of the number receiving relief during October. More than 4,000,000 records are expected to be completed in time to make summarized information from them available by January 1, 1934.

Prof. A. A. Bruce, '90, professor of law at Northwestern University, is chairman of the Chicago NRA compliance board and faces the enormous task of directing the sifting and hearing of almost 3,000 complaints of NRA violations filed to date. Only complaints under the re-employment agreement will be heard in Chicago, while complaints of accepted code violations will be heard in Washington.

Fred H. Clausen, '97, president of the board of regents, has been named industrial advisor for the agriculture implement industry by the industrial advisory board of the NRA.

Edward Cochems, '00, has been appointed one of three assistants to Dr. E. A. Fitzpatrick, state NRA Administrator.

Jerry Riordan, '98, former Athletic Council member and a football star in the days of the flying wedge, is in charge of the farm mortgage appraising division in the St. Paul Federal Farm Loan offices. His office has been kept so busy this fall that they have worked seven day weeks in an attempt to keep up to date on the Herculean task which faces them.

Paul H. Nystrom, '09, professor of marketing at Columbia university, spent the summer as advisor to the NRA and aided in formulating the general code of fair trade practices for the retail trades.

Oscar Kiessling, '23, pro-tem chief economist of the mineral statistics division of the bureau of mines, was one of two Wisconsin men appointed to the central statistical board which was established by executive order to appraise and advise upon all schedules required in carrying out the national recovery act.

Lehman Aarons, '30, is a legal advisor in the federal farm credit administration at Washington. He has assisted in drafting some of the contract forms used by the farm credit organization.

John Troxell, '31, Ph. D., is a labor advisor at the NRA headquarters in Washington. He has been handling the labor problems in connection with agricultural codes which come to the NRA from the A. A. A.



"JERRY" RIORDAN

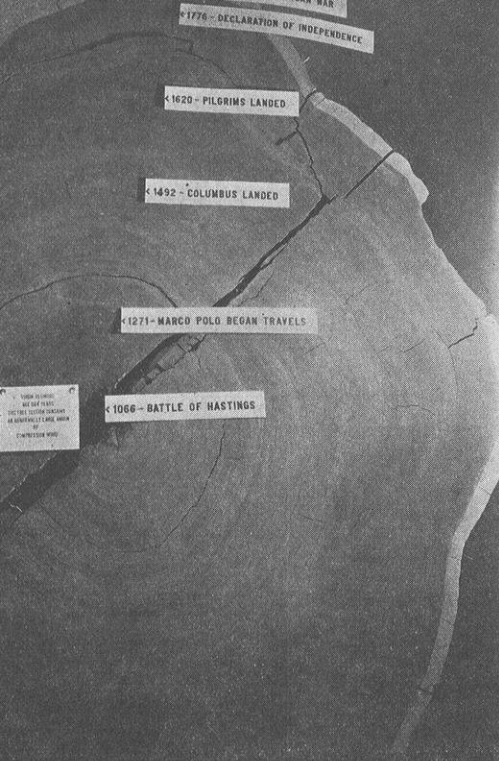
The Story of Wood

and the U. S. Forest Products Laboratory which saves Industry fifteen million dollars annually

Division of Forestry. Very generous offers were made by several schools but the offer of the University of Wisconsin, which included the erection of a suitable building and the furnishing of heat, light, and power for it, was accepted. The Laboratory was formally opened June 4, 1910, with a personnel of forty-five people drawn from the various lines of work under way elsewhere. General plans for the fundamental researches were effected by them, details of procedure worked out, and much of the special apparatus and machinery which was required for the preparation of the specimens and the carrying out of the tests was designed at the time. In the next five or six years there was little increase in appropriations and expansion consisted of a gradual broadening of the scope of the work and the establishment of satisfactory contacts with the principal forest-products industries.

When the United States entered the war in the spring of 1917, the Laboratory staff numbered eighty-four persons; a mass of fundamental data on the properties of wood had been accumulated, and contact with the wood-using industries had been well established. Recognizing that wood would play a vital part in the conflict, the Laboratory immediately bent all its efforts to war work and made available its knowledge and facilities to all the branches of government which had need of them. A vast amount of information was necessary to the War and Navy Departments and steps were taken at once to secure it. Many of the problems presented were solved immediately with the information available, while others of new and specialized character required the construction of special machinery and many special tests.

For the carrying on of all this work, the personnel of the Laboratory was increased until on Armistice Day the force consisted of 458 workers. After the Armistice, the staff was reduced to near its present strength of about two hundred. With wartime expansion, it was necessary to install equipment and conduct tests in other buildings belonging to the University. The Timber Mechanics Laboratory was quartered in a converted barracks more than a block from the main building. Likewise the glue, paint,



ALL IN A TREE'S LIFETIME

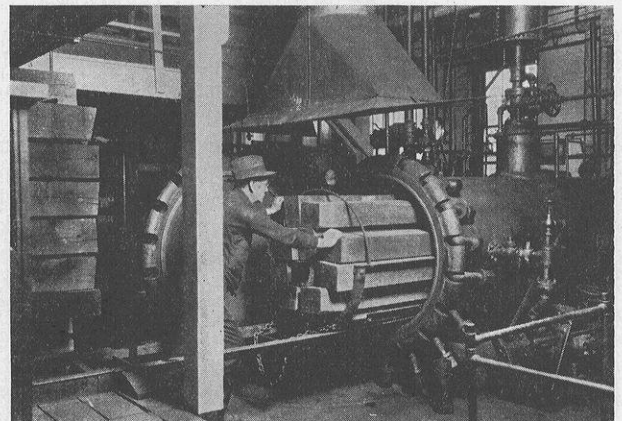
THE LARGEST and most complete establishment in the world devoted to research on wood, the United States Forest Products Laboratory, looms to the west, a massive mound of gleaming white and glistening gray, dedicated to the furtherance of that prime product, wood, in all its forms.

The story of scientific research is a thrilling chapter in America's history. Research has conferred on the people benefits untold in new materials and services, new appliances, new metals, alloys, and chemical compounds. Unfortunately, research in one basically important resource, wood, has not commanded the same degree of interest, so that wood has fallen behind in the intense competition of modern materials for markets, while substitutes for wood have been enthusiastically exploited all along the line. Metal homes for the average citizens are actually among the many developments that are being promoted.

Against the trend toward substitution, the Forest Products Laboratory opposes the full force of modern research to *increase*, not to *diminish*, the use of wood. Its working creed is that wood is *not* an old-fashioned or out-of-date material; that for many purposes it is the most satisfactory, serviceable, and far the most economical material available to the user; that for many uses in which it has lost place in fair and open competition with other materials, its properties can be modified and improved to make it more suitable; and that these objectives and the creation of new products and values from wood can be attained only through intensive scientific and technical research.

The need for research in forest products was recognized in its earliest days by the Division of Forestry or as far back as the 1880's. This need became increasingly apparent as the exhaustion of the forests in the east advanced. Some study of the mechanical properties of the most important woods, their preservation, and kiln drying were begun at various universities where laboratory facilities were obtainable or buildings were available for the housing of testing equipment. As the research became wider in its scope, it became increasingly evident that greater facilities would have to be provided, and that centralization was essential to the success of the work. It was found impossible to rent suitable quarters with the small sum appropriated by the government.

Therefore, a survey of the available and potential facilities of a number of universities was made by the



SAVES THE RAILROADS \$145,000 A DAY

and the silvicultural relations laboratories and the computing and photographic services were quartered in buildings equally remote from the main laboratory.

The establishment of the Laboratory organization in one modern and satisfactory building, adequate both for the present research program and further expansion authorized by Congress, will materially assist this progress along essential problems of research accompanying the present stressed economic situation. It is apparent that the Forest Products Laboratory can do a great service in concentrating on the problems which will contribute most effectively to the mitigation of the present emergency. Its underlying purpose is to contribute to the economic use of our national resources from forests maintained to provide useful raw material. With this aid, profitable forest industries may be sustained and stabilized with their attendant public benefits, such as the employment of labor, contribution to taxes, support of prosperous communities, and a never-ending supply of useful commodities for the general public. The Forest Products Laboratory has an essential part to play in this scheme of things because such accomplishments and the extent and location of the forests that should be maintained are dependent upon adequate and satisfactory markets. These markets, in turn, in the light of the present competition, are fundamentally dependent upon the minimizing of costs and attainment of satisfaction and serviceability from raw material to finished product, and developing new and more profitable uses and products is also a vital point in the marketing of wood.

The results of the work of this Laboratory apparently are a benefit to the various industrial and commercial interests engaged in the production, manufacture, and distribution of forest products, but benefits likewise accrue to labor, the farmer, and the general public.

The work of the Laboratory is divided into separate divisions, each division having an experienced man at its head, and the work is supervised by Carlisle P. Winslow, who, as director, is in charge of the entire Laboratory.

A large and important division of the Laboratory is the Section of Timber Mechanics. Of the lumber produced in the United States, sixty per cent is used in building construction, being equally divided between farm and urban residences, and industrial buildings. In this highly competitive field, it is essential that the accurate strength data of the wood be available. To meet the need for such data the Forest Products Laboratory has conducted tests since 1910, which now make available for publication, data on the strength, weight, and shrinkage of more than 160 native woods. Machines for testing



timbers and framework up to a breaking load of one million pounds are being used to further this work. They are served by cranes in a testing gallery which accommodates pieces and panels as large as 30 feet high and 100 feet long.

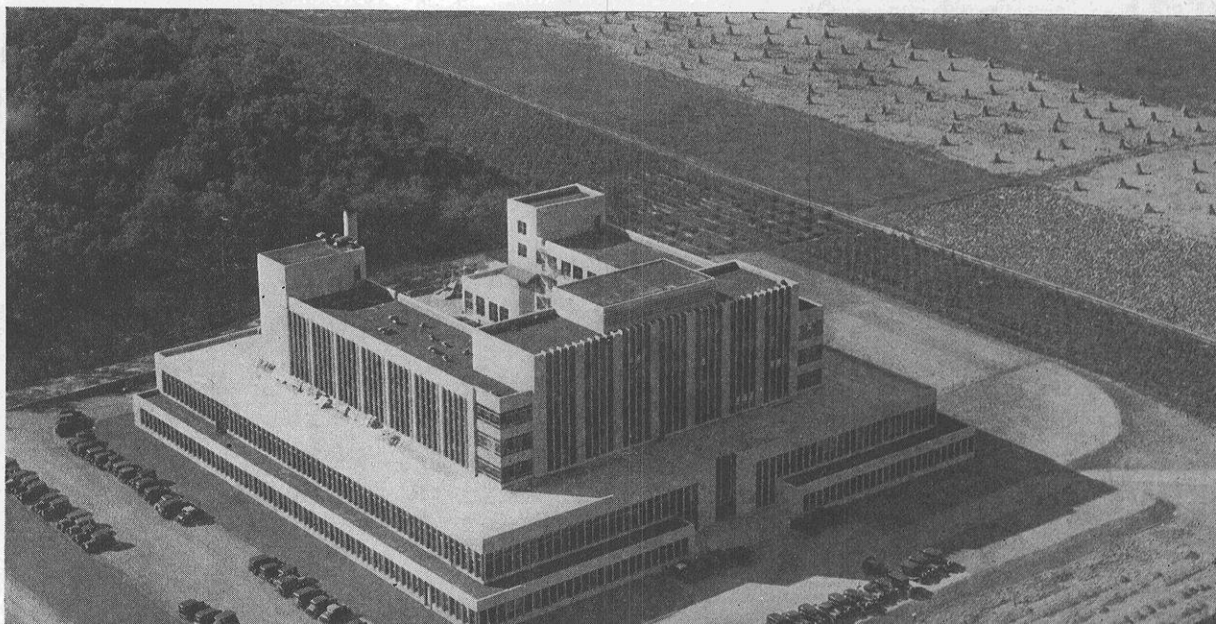
For working out the fundamental principles of box and crate construction there are special pieces of equipment, such as a vibrating table, and a 14 foot box-testing drum capable of testing boxes up to 1,500 pounds in weight and 4 feet in cube as well as performing standard compression and drop tests. These tests can be made at any degree of dryness or dampness by storing and testing the containers in a special moisture control room served by the machinery.

Since wood is inflammable and subject to decay, a practical and economical method of preservation and fireproofing would greatly further its use. Some progress has been made in this line, but to further the work, a large timber preservation laboratory and a fireproofing laboratory are contained in the new building. Although it is believed impossible to make any wood completely fireproof, it can be treated so as to make it resistant under such temperatures as ordinarily cause fires. Efforts are now being made to find treatments that are cheap, non-corrosive to metals, non-leaching and otherwise not objectionable.

In addition to the impregnation of the wood the Laboratory acts as headquarters for service records of over a million railroad ties and a large number of posts and poles, treated and untreated, thus undertaking the most conclusive and complete test of durability that is possible. The Wood Preservation Section has assisted in reducing the average annual tie replacements from 250 ties per mile of track to 180 per mile of track, thus saving railroads an estimated sum of \$145,000 per day. This section has also grouped the woods with respect to painting qualities and is thus laying the groundwork for development of paints and coatings for wood. In this it is aided by new and adequate painting and finishing laboratories installed within the building.

The Section of Timber Physics is concerned with the seasoning of wood, an extremely important factor in the use of wood, either structurally or as a finishing material. A large group of dry kilns equipped for close control of tem-

(Please turn to page 64)



Behind the Footlights and On the Air

Graduates Find Prominent Niches on Stage and Radio

by J. Gunnar Back, '31

EIGHT YEARS ago Prof. William C. Troutman left his post as director of the Theatre Guild at the University of Illinois to take on the task of unifying into some sort of permanent and noteworthy function the scattered and dying theatrical energies on the University of Wisconsin campus. He had performed a similar service at Illinois; even before his undergraduate days he had already shaped into successful life a number of major footlight enterprises not ordinarily assigned to apprentices in the theatre. Hence he did not view with much dismay a situation that was ready to plague one who was expected to remedy it, without any appropriation of money for the purpose, as an incidental employment apart from a fulltime duty of teaching classes in dramatics.

In eight years at Wisconsin, Prof. Troutman has built about the Wisconsin Players, the organization he founded in 1926, a completely self-supporting college theatrical unit, the University Theatre. Yearly the Theatre in a proficient and mature manner presents a dramatic program wide in scope of interest and purpose to the twenty thousand patrons who have come to recognize its value to the University and to Madison.

It has not always been easy, as they grew, to find the terms by which the worth of the University Theatre and its Wisconsin Players could be measured. The important enthusiasm at the box-office can be set down in figures as a tangible, if only partially representative, record; for it indicates that Madison is aware of the Theatre's office in recording the times in the drama. Increasing patronage is favoring the programs of the Wisconsin Players' affiliate, the Studio, now two years old. By means of the Studio, University playwrights can see their own plays put before Bascom theatregoers in any form student ingenuity may dictate, and with any success student talent for the stage may warrant. As a function of an experimental theatre, the Studio furnishes a very valid measuring stick, in the form of achievements, by which the significance of the Players can be judged.

But for Prof. Troutman, and the diligent aids he brought in recent years to his staff, J. Russell Lane, manager, and Fredrick Buerki, scene technician, some of the success of the venture to which they have given long hours of devotion must be seen in the careers of graduates of the Wisconsin theatre who have gone into footlight occupation on their own. Many of these graduates pioneered in the establishment of Wisconsin Players. Their

solicitude for the institution expressed itself in hard work; association with their personalities gave congeniality to la-

bors that have had for the directors their share of frustration.

Some of these Bascom alumni are newly going this year from service in greasepaint under Prof. Troutman's tutelage to theatrical work throughout the country. In other instances the winter renewal of the life of the American theatre, amateur and professional, continues the success of a number of former students who were among the first to graduate from Wisconsin Players.

Of this last group there can be numbered Helen Ann Hughes '28, Bernadine Flynn '29, Don Ameche ex-'31, Victor Wolfsohn '31, and Carl Cass and Kathleen Fitz, graduate students at Wisconsin a number of years ago. Of the former, Maurice Lowell '32 and Al Philian, grad, have only recently joined Eva LeGallienne's troupe now on a season's tour in "Alice in Wonderland" and "Romeo and Juliet."

The names Flynn and Ameche are well known to the audiences of National Broadcasting Company network programs originating in Chicago. For three years they have been accorded featured prominence in choice commercial broadcasts employing dramatic performers. Ameche is starred currently on Friday nights with June Meredith in the "First Nighter" program; on Sunday afternoons he plays in the "Grand Hotel" air dramas; he is heard daily in the afternoons as Bob in the "Betty and Bob" serial. All of these engagements follow immediately his title role in "Milligan and Mulligan," a popular daily N. B. C. comedy feature of last year.

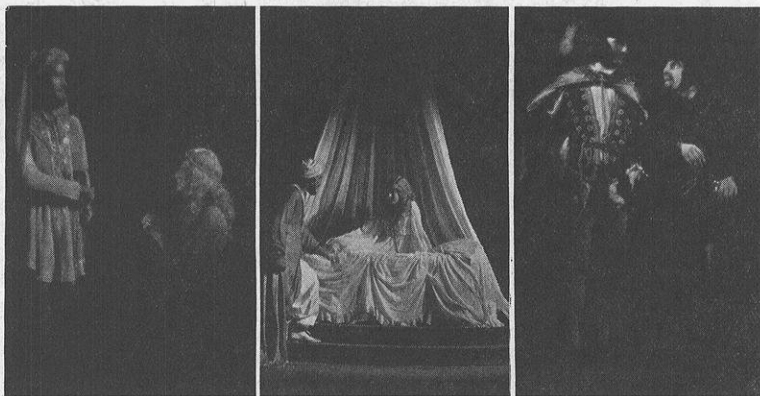
Miss Flynn has just closed an engagement of long standing as Sade in the "Sade, Vic, and Rush" serial that played six days a week over the N. B. C. chain.

Before Don Ameche reported for his first tryout in Bascom, Bernadine Flynn had already established herself as a University theatre star, a performer whose competence in roles demanding intense but subtle playing had been called upon to make successes of "Outward Bound," "Cradle Song," "The Swan," and "Dover Road." Ameche won his spurs in Shaw's "The Devil's Disciple;" he was co-starred with Miss Flynn in "Liliom," the high point of Prof. Troutman's 1929 season.

Both performers happily brought remarkably mature merits to the Wisconsin theatre when its director, by dint of desperate single-handed efforts, was seeking to secure the financial support, through boxoffice receipts, that would make it possible to continue the increas-



Al Philian, who in 1932 played Tom Pettigrew in the Wisconsin Players "Berkeley Square," is touring this season with Eva LeGallienne, who is bringing her two successful productions, "Alice in Wonderland" and "Romeo and Juliet," to audiences throughout the United States.



In 1930 Carl Cass played Othello, J. Russell Lane, Iago, and Harold McCarthy, Cassio, in Prof. Troutman's first Shakespearean production. Now Cass is director of dramatics at the University of Pittsburgh, Lane is manager of the University Theatre in Madison, and McCarthy directs the growing activities of WHA, Wisconsin's radio station.

ingly higher quality of Bascom's offerings to the campus. He worked, and the University Theatre has never since been free of that limitation, without subsidy. He was teaching a full-time instructorial program. He was directing eight major productions a year, supervising and training novices at backstage work, and assisting Robert Murphy and Perry Thomas in adjusting financial matters to provide facility for expansion. The groundwork for the permanent establishment of a functioning Wisconsin Players group had to be laid under his direction. He had begun his experimental program by introducing laboratory projects for his drama classes and for the Wisconsin Players.

Attendance in Bascom during the Flynn-Ameche period at Wisconsin tripled that of the years before. Their proved a generous contribution to Prof. Troutman's project; from the start they grew to rich powers in their many hours with him in Bascom, and they have left behind a tradition of loyalty that has stood in good stead for those who have followed them.

Earlier than 1929 in Wisconsin's theatre, a titan-haired actress had evidenced a footlight flair that made her one of Prof. Troutman's first outstanding performers. She was Helen Ann Hughes '28, a girl whose campus fame extended to a Prom queenship and election to Phi Beta Kappa. About her had centered a large part of the success of such Bascom productions as "Captain Applejack," "Romance," and "He Who Gets Slapped."

Miss Hughes was the first of the Bascom alumni to seek and find professional work in the theatre. Her quest eastward after graduation led to an engagement as a leading player with the road company of O'Neill's "Strange Interlude," which brought her across the continent for the Pacific coast's first sight of the new O'Neill piece. At the close of its run she went into stock in San Francisco and Pasadena. In October, 1933, she was playing ingenue parts at the Cass theatre where a repertory company staged a fall dramatic festival.

Kathleen Fitz, like Miss Hughes, made California the scene of a career; unlike Miss Hughes, however, she set out to travel a difficult, if beaten, path leading to motion picture studio doors, but not until she had been fortunate enough to make a professional debut in the company of two veteran troupers, Ina Claire and Donald Brian. That debut was in the coast presentation of Noel Coward's "Private Lives."

Like many of the new generation of picture favorites, Miss Fitz found ingress to the studios

by performing at the Pasadena Playhouse, hard by the producers' haunts. Her first celluloid appearance took place this year when she did a "bit" in a Radio picture, "What Price Innocence?" At the time of this writing she has a part in "Eight Girls in a Boat," a Paramount feature. She was the leading actress in the Wisconsin Players' "Cyrano de Bergerac" and "Pygmalion," and should make much of her foothold in Hollywood.

In 1930 "Cyrano de Bergerac" set an attendance mark for Bascom, and played a ten-day run, the longest in the records of the organization. A production of extravagance hitherto unknown to a theatre still securing its entire financing at the boxoffice, it owed much of its success to the brilliant work of Victor Wolfsohn '31 in the title role. Wolfsohn, the year before, had appeared in Wilde's "The Importance of Being Ernest." He

had won, as well, attention by his promotion of Experimental college drama extra-curricular activities.

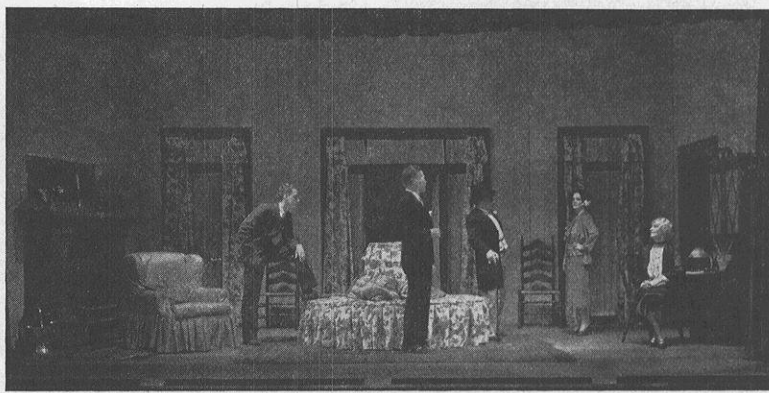
Now Wolfsohn is beginning his second year on the staff producing Elmer Rice's plays. He began the Rice association last year when he acted as stage manager for the playwright's "Counsellor-at-Law," during its Broadway and road runs, and did a minor role in the play. At a youthful age he has been entrusted with a post that usually falls to a hand older in the Broadway atmosphere.

Five years ago Carl Cass was one of the best known among the character actors donning makeup for Wisconsin Players productions. In 1930 he had played the title role in "Othello," Prof. Troutman's first Shakespearean production. The year before he had given ample demonstration of his attainments in Pirandello's sombre "Six Characters in Search of an Author" and a gayer "Enter Madame." Last summer he returned to Wisconsin for further study, and summer school students saw him do the sizzling villain in the melodrama "Fashion."

For some years now Cass has been head of the department of dramatics at the University of Pittsburgh where he has been favored by a success his earlier study and achievement had anticipated.

Maurice Lowell, now with LeGallienne, was, at Wisconsin, Maurice Levine '32, an actor whose participation in Wisconsin Players' projects covered the six years he studied for the law degree he now has. He began by playing in "Six Characters" and in "Enter Madame." In 1930 he did the third principal role in "Cyrano" in support of Wolfsohn and Fitz. A year ago he acted the title role in O'Neill's "Great God Brown" and in "They Mourn an

(Please turn to page 64)



Kathleen Fitz appears above in a tense scene from Shaw's "Pygmalion," 1931 presentation of the Wisconsin Players. Now Miss Fitz has begun a motion picture career in two films, "What Price Innocence" for Radio, "Eight Girls in a Boat" for Paramount.

Training for Public Leadership

New Humanities Course Aims To Develop New Life Creed

LATE LAST SPRING the University of Wisconsin issued a call for ten or twelve prospective freshmen students to enroll in a new experimental course which was to open in the fall. Newspapers heralded the announcement as a request for prodigies. It was not overly brilliant child prodigies that the University wanted, however, but a group of students who stood near the head of their high school class, who were ambitious and who had a flare for adventure—the latter because they were to be the first class in a new and quite different experiment in educational procedure and their course was not charted with final precision.

The response was splendid, and in but a short time the full enrollment of twelve was reached and a sizeable waiting list prepared in case any of the original class backed down at the last moment.

Today these twelve students under the able leadership of Prof. A. D. Winspear are sailing courageously through the uncharted channels in the new classics course experiment and thoroughly enjoying their experience. One of the students enrolled hails from Boston, one from New York, and the remainder from several Wisconsin communities. Ten or twelve freshmen will be admitted each of the next years until the full quota is reached.

The curriculum consisting of a four year course of study of Greek and Roman civilization, aims to provide the students with an indirect attack on the problems of modern America. One of its principal aims is to introduce the students to the most significant problems of society and human intercourse. It is the hope of the organizers and directors of the project that the students enrolled will leave their four years of study with a new life creed of intelligent public leadership.

Although an innovation in American education, the course is not entirely new, since it is rooted in generations, if not centuries of successful educational experience in European universities. The program for the course, modified to suit American conditions, involves the simultaneous study of all phases of human creativeness by concentrating on one civilization.

"The student in this course is trained in Greek and Latin language, in

literature, art, philosophy, history, economics, politics and religion," Prof. Winspear stated

when commenting on the experiment. "He sees these activities in their proper context, not divorced from the unity of human experience and treated as abstractions, but rather as bearing upon and influencing one another in the unity of the whole."

The course emphasizes the tutorial methods of instruction and it is hoped that in this way the student will be better enabled to draw together and unify the information he receives in varied courses on the Hill, to see the implications that otherwise might not be apparent, and thus to develop a broad and synoptic grasp of a civilization as a whole. This gathering together of the many strands of learning is something which is not accomplished in any other course in the University. For the most part, students must, if they are really in earnest, take what they receive piecemeal and weave it into the pattern of the whole. At best this is an extremely difficult and none too positive procedure. Under this new system, this orientation of the facts gathered from the individual courses will be accomplished much more readily and much more effectively under the tutelage of the instructors in charge.

The establishment of the course is an attempt on the part of the University administration to make use of the

educational values reaped from the Experimental College and from the results of the investigations of the Fish curriculum committee of the faculty three years ago. Members of the Classics department feel so certain of the success of the venture that they are giving freely of their spare time to aid Prof. Winspear in his work and in this way are accomplishing a great deal at little expense to the already sorely depleted budget.

If, however, the course accomplishes nothing else, it will give evidence of the University's willingness to pioneer in new educational procedure to the benefit of the state and its youth, a tradition which is distinctly Wisconsin's and one which has been cherished for many years. Time alone will record the successes and failures of these educational frontiersmen.



ANY MORNING ABOUT 8:55

George Haight Helps in Attempt to Get Federal Aid

FINAL approval of a campus building program, providing for the construction of two new buildings and two additions to present buildings at a total cost of \$1,160,000, was given by the board of regents at their recent meeting.

The four projects to be financed as part of the National Recovery Act program of the federal government are an addition to the Law Building at a cost of \$165,000; an addition to the Memorial Union building, \$500,000; an electrical engineering laboratory, \$330,000; and an agricultural short course dormitory and refectory, \$165,000.

Under the present public works plans of the Recovery Act program, the federal government is to pay 30 per cent of the funds of the University and other state building projects, while the state government is to pay the remaining 70 per cent. The federal government furnishes the entire amount at the time of construction, with the state paying back the 70 per cent over a 30-year period or less.

The recommendation drafted by the regents also authorizes the executive and finance committees of the regents "through any proper agent or agencies to complete in cooperation with the governor of Wisconsin and other state officials all necessary arrangements to secure the necessary funds from the federal government and to fix and establish such fees or charges in connection with said buildings and for the use of same as shall insure the repayment to the federal government of the sums advanced."

The total amount that would have to be taken from University funds during the next 30 years, to amortize the debt to the federal government, is about \$750,000, Pres. Glenn Frank reported to the regents. This figure does not include additional amounts which would be paid out of the income of the Union building and the short course dormitory, which would bring the total annual payments on principal and interest for 30 years to \$57,542. With operating expenses, including heat, light, water, building repairs, insurance, and janitor service, added to this amount, the total annual draft on University funds would be \$63,089 for the entire 30-year period, he said.

The regents adopted their recommendation following consultation with Harry M. McConnell, associate of George I. Haight, '99, Chicago attorney. Mr. Haight has offered his services, free of charge, to the University in formulation of the building program and in dealings with the federal government on it. Mr. McConnell, appearing before the board at the request of Mr. Haight, outlined plans by which 25 or 30 other universities and colleges are participating in the federal public works program. He informed the regents that they could legally enter into the public works program with the federal government without obligating the University or state in any way other than that income derived from the proposed buildings is to be pledged to repaying the federal government's 70 per cent loan.

Mr. McConnell pointed out that on the basis of figures already worked out it would take about \$17.50 of the present student fee in the Law school to amortize annually the loan on the Law school addition, while it would require about \$15.30 of the fee paid by students in electrical engineering to amortize the new laboratory. The Union building addition and the new short course building would be self-liquidating, it is estimated.

University Broadcasting Station Threatened by Ambitious Commercials

H. B. McCarty

Program Director, WHA

MUCH indignation has been aroused on the campus and in the state wherever the University broadcasting station is heard, by the actions of the two commercial organizations which have petitioned the Federal Radio commission to have the educational station put off the air. The hearings have been set for January 8, in Washington.

Though pretending to be friendly toward educational broadcasting and the University, the Journal Company, Milwaukee, operating WTMJ, and the Badger Broadcasting Company, Madison, operating WIBA, are seeking to take away the quota units now allotted to the two state-owned stations. This seriously endangers WHA in Madison, operated through the University of Wisconsin, and WLBL at Stevens Point, the Department of Agriculture and Markets station. Both of the commercial stations seek better facilities for their own use and would, for private gain, deprive the state of Wisconsin of this means of extending the benefits of its educational, governmental, and agricultural service agencies to its people.

Those who understand the situation realize that if either of the applications now pending is successful, it will spell the end of no-advertising broadcasting in the state. They realize too that it will mean that education will be dependent

upon private enterprise for an opportunity to be heard on the air.

In pointing out the irony of the situation, Prof. H. L. Ewbank, chairman of the University Radio Committee, remarks, "The claim of the commercial stations that they are interested in educational broadcasting would be more convincing if they would cease applying for the limited facilities held by educational stations." Speaking of WIBA and WTMJ he said, "We have always regarded the officials of both stations as our friends. I am surprised they should now put us to the inconvenience of re-establishing the right of education to some small place in the broadcasting band."

Prof. Edward Bennett, technical director of WHA, scorns the offers of the commercial stations to give free time to the state by pointing out that WTMJ's proposition offers two hours per week whereas the state station now operates more than 50 hours. He makes an analogy by stating, "Just as the school and the theater serve in the same community, so can an educational and an entertainment station operate in the same area. Certainly state stations do not compete with either the existing stations or newspapers for advertising revenue."

Protests being received indicate that Wisconsin citizens do not want to lose their radio holdings. The stations now owned are a heritage of the people, virtually public property which must not be dissipated.

WHA is now recognized as the oldest station on the air. Its first telephonic broadcast was put on in 1917, during the days when other stations had been forced to dismantle their transmitters as a war-time precautionary measure. Just as Wisconsin experimenters perfected the physical science of radio, so the uses of radio in education are now being developed at the University.



GEORGE HAIGHT, '99

Badgers Impressive Even in Defeat

EARLY in the season, it was the judgment of most competent critics that the Wisconsin football team this year would be slow in developing and that it would not reach anything like Big Ten form until November.

That estimate was borne out by November results and Wisconsin, in November, was as good a team as anyone had a right to expect. As a matter of fact, in its last two games, Wisconsin, despite the lack of backs of natural ability, was capable of giving any football team in the Big Ten a real battle. This fact is apt to be overlooked because the Badgers lost two of their four November games and finished without a single conference victory.

Anyone who saw Wisconsin lose to Ohio State 6-0, and to Minnesota, 6-3, will understand that this is not written as an alibi for anyone. None is needed. The team played far "over its head" in both these games and lost only because of a succession of the toughest kind of breaks.

It is unfortunate that more alumni were unable to see these games. Those who did were entirely satisfied with the team's showing and it is gratifying to be able to note that Wisconsin's repeated defeats this fall have been accepted by practically all who have expressed themselves as regrettable but inevitable, in view of the lack of material and the large injury turnover.

Against Chicago, November 4, the Wisconsin team was beginning to show class but still lacked offensive punch. The 0-0 tie in that game was a fair measure of the ability of the two teams. Coach Spears was still under the necessity of experimenting in his almost hopeless search for an effective backfield combination and he had not found it when the Maroons were met. The first period was a mid-field punting duel with neither team threatening to score. These tactics were continued in the second period until a fumble gave Chicago the ball on Wisconsin's 37-yard line. Wisconsin took the ball on Berwanger's punt which went out of bounds on the 17-yard line. Forced to punt after making one first down, Fontaine got away a bad kick which went out of bounds on the 35-yard line but Captain Hal Smith intercepted a fourth down Chicago pass and Fontaine punted out of danger, just before the half ended.

Wisconsin had two scoring chances in the second half but failed to capitalize either of them. Haworth recovered a Chicago fumble on the Maroon 31-yard line. Successive gains by Fish, Schuelke and Smith gave the Badgers a first down on the 18-yard line. Fish then gained six yards in two plays and Schuelke nothing. A fourth down pass was knocked down by Chicago and although the ball remained in Chicago territory the rest of the period, the Badgers never were as close to scoring again.



COACH C. W. SPEARS

In the final period, the Badgers took the ball 30 yards from their own 26-yard line but a penalty halted the drive after two first downs and Fontaine punted to Chicago's 25-yard line where Haworth recovered Sahlin's muff, but on the third play a forward pass was intercepted and on the first play, Berwanger passed to Sahlin who made a great catch for a 44-yard gain. Putting the ball on Wisconsin's 12-yard line. But Chicago could not gain and on fourth down, with 14 to go, Berwanger narrowly missed a place kick. The game ended after the Badgers had made two successive first downs from their 20-yard line.

West Virginia came next and Wisconsin displayed improved form to win, 25-6. The Mountaineers lacked

the class of a good Big Ten eleven but had proven a tough defensive team against strong eastern opposition. It was the way Wisconsin won, rather than the score, which was pleasing. For the first time, the offense looked really good, netting 19 first downs and 303 yards, to the visitors' eight first downs and 71 yards. Tom Fontaine, in this game, finally came into his own, played with fine dash and confidence and alone gained 122 yards in 22 attempts.

A week later, Wisconsin faced Ohio State at Camp Randall and lost, 6-0, on one play. At all other times, the Badgers looked the better team. Within three minutes of the opening kick-off, Jack Smith, 190-pound Buckeye right halfback, took the ball on a reverse and swept around Wisconsin's right end for 55 yards and a touchdown. It might as well have been a loss because three Badgers missed Smith before he crossed the line of scrimmage. But since effective tackling is a football essential, Smith's six points went up on the scoreboard and represent the margin of victory.

Ohio outweighed Wisconsin about 20 pounds to the man and was expected to win by three touchdowns. They were fortunate to win at all. They got every break but were ineffective when later scoring chances came. Early in the second quarter, Schiller fumbled and Gailus, Ohio guard, recovered on Wisconsin's 9-yard line. Wisconsin took the ball on downs on its own 2-yard line, Fontaine immediately punting to his own 42. Ohio's next drive was halted at the 23-yard line. Play during the remainder of the half was in midfield.

The first part of the third quarter was made up of punting exchanges in midfield. Finally Wisconsin got the ball on its own 31-yard line and drove to Ohio's 12 before losing it. Schiller made 11 yards on a reverse. Fontaine cut through tackle for 9. Schiller repeated for 5 and a first down. A pass, Fontaine to Haworth, gained 8 and another 18-yard sprint by Schiller gave the Badgers a first down on Ohio's 12-yard line. Schiller and Fontaine gained 5

*Team Outplays Ohio and
Minnesota only to Lose
on Unfortunate Breaks*
by George Downer

Badgers You should know

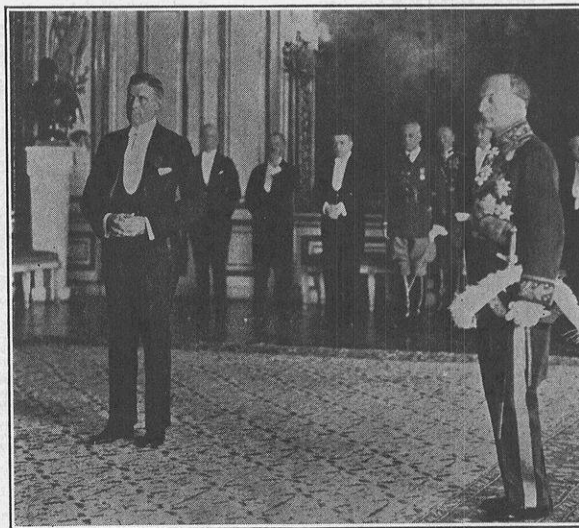
Important Polish Ambassadorship Given to Wisconsin Graduate

THE POLISH government broke all precedent early in September, when it sent a special train and high officials to greet the new American ambassador, John C. Cudahy, '13, on his arrival in that country. A special concert and colorful folk-dances were staged by port authorities.

Mr. Cudahy's appointment to the important Polish post, which was recommended by Wisconsin's senator, F. Ryan Duffy, '10, bears out the fact that the Roosevelt administration had been determined to place the Milwaukeean in a position where he could give important service. He had previously been considered for the Mexican and Cuban posts. The delicate situation in respect to the Polish corridor makes the diplomatic post in Warsaw one that requires tact and a keen understanding of Polish politics.

Mr. Cudahy, who is known as a lawyer, sportsman, explorer, big-game hunter, author and business man, made his debut in politics when he ran for lieutenant-governor on the Democratic ticket in 1916. His candidacy aroused considerable interest because he came from a prominent family of packers.

The new diplomat has travelled extensively. He has taken part in expeditions to Africa and Alaska and was a lieutenant of the 85th division in the Archangel expedition against the bolsheviks in the north of Russia. In 1928, he published "Mañana Land," a book dealing with his camera and rifle expedition into lower California. His "Archangel, the War with Russia," appeared in 1929, and in 1930 "Africa Horizons," a book telling of his adventures with the Cudahy-Massee-Milwaukee Museum expedition, was published.



AMBASSADOR CUDAHY PRESENTS HIS CREDENTIALS

pulling 1880 gimcracks from the faces of old houses and replacing them with the simple, quiet frames of colonial days. In restoring the 26 room house in which Miss Hendricks herself lives, she discovered underneath several layers of wallpaper a wonderful old fresco of a medieval pageant and learned that the man who had decorated the dome of the capitol had lived in the house and had decorated it. She discovered a secret closet above a false ceiling in one room and, since the house was built in 1820, assumed that the closet might have been built during the Civil war. Miss Hendricks even found Ku Klux Klan hoods, greatly yellowed with age, in the loft of the stable of the old house.

Other Wisconsin houses in the capital include three old ones and one brand new one and one which isn't in the capital at all. The latter is the 150-year-old home of the newspaper writers, Ruby Black, '22, and her husband, Herbert Little, located in Alexandria, a city even more ancient than Georgetown. This house can boast of walls a foot and a half thick, a mantle piece rivalling museum pieces, open fireplaces in every room, including the kitchen, and the address 211½ Prince Street, because the owners were too superstitious for 213. Here also the fortunate owners made discoveries, finding yellowed, delightfully and horsily illustrated way-bills telling of the passengers, including Robert E. Lee, the freight, including wine and rum, and the charges of the old-time

stage coaches. The other "Wisconsin" houses are located in Georgetown. That of Mr. and Mrs. Whitney N. Seymour, '20, has the most glamorous past for from 1800 to about 1850 it was the Russian legation. The other two belong to Mr. and Mrs. Joe Harry Lapish, '24, and Mr. and Mrs. Robert S. Allen, ex-'23. Mr. Allen is noted for his excellent political writings and as being one of the authors of the now famous "Washington Merry-Go-Round."

Discovering and Remodeling Civil War Houses Is this Badger's Work

WISCONSIN people in Washington, D. C., seem to have the faculty of discovering delightful and heart-warming houses for their homes and Miss Genevieve Hendricks, '15, not only found herself a home, but has made it her business to find them for others. Miss Hendricks, a well-known interior decorator, has specialized in the restoration of old homes in Georgetown, that quaint, cobblestoned portion of the national capital across the bridge, which was a city and a thriving port before Washington was anything much but a mud puddle.

She is responsible for the reclamation of 26 houses in Georgetown, doing this and that to them and in particular

Dr. Ely Carries On in New School

DR. RICHARD T. ELY, for 50 years a leader in the field of economics, 33 of which were spent at Wisconsin, at 79 is beginning an "epoch making" adventure in adult education in New York City. The School of Land Economics, directed by Dr. Ely, will open in October with an enrollment limited to 300 graduate students and business people with enough experience in land economics to profit from the courses.

The school springs from Dr. Ely's work at Wisconsin, where in 1920 he established what is now the institute for economic research, which has developed in the interest of

yards, then a bad pass lost 8 and wrecked a fine scoring chance, a fourth down forward pass being grounded in the end zone. On this play, Ohio barely escaped when a desperate leap by Cramer, Ohio safety, barely knocked the ball from George Deanovich's hands, high above the goal line. Wisconsin had another chance, midway in the final period, when the Badgers marched from their own 36 to Ohio's 23 yard line. There Fontaine failed to gain, then passed to Poret for 10 yards and first down. Schiller lost 4 on a reverse, then took a toss from Pike and snaked 24 yards to another first down on the Bucks' 35-yard mark. Fontaine broke through right tackle for 8 and repeated to the 24, another first down. A first down

final gun, they fought with dauntless courage and astonishing poise, never settling down to a dogged "hold 'em" attitude but always battling aggressively for a win.

Wisconsin took an early lead when, after about six minutes of play big Mario Pacetti, who throughout the game, played magnificently, stepped back to Minnesota's 39-yard line and with Fontaine holding, booted a perfect field goal from placement. The wind was squarely behind the kick, yet under such conditions and with a wet, slippery ball, it was a remarkable feat. This three-point lead was a great tonic for the Badgers and throughout the period they kept the play in Minnesota territory.



DICK HAWORTH

In the second quarter, Minnesota had the wind and a bad break soon put Wisconsin in a hole. Lund got away a 60-yard punt, which took a crazy bound and Peterson, who had replaced Fontaine, allowed it to hit his knee, a

Final Big Ten Standings

	W.	L.	T.	Pct.	TP.	OP.
Michigan	5	0	1	1.000	71	12
Minnesota	2	0	4	1.000	38	23
Ohio State	4	1	0	.800	46	19
Purdue	3	1	1	.750	60	24
Iowa	3	2	0	.600	60	42
Illinois	3	2	0	.600	43	14
Northwestern	1	4	1	.200	25	35
Indiana	0	3	2	.000	16	78
Chicago	0	3	2	.000	7	56
Wisconsin	0	5	1	.000	10	73

pass was incomplete; Fontaine gained 2 through tackle, then the drive ended when Vucinich intercepted Wisconsin's third down forward pass on his 15-yard line. Play for the rest of the game was in midfield.

Wisconsin made nine first downs to Ohio's six; gained 151 yards in 58 plays; Ohio State 165 in 41, including Smith's 55-yard run. Wisconsin completed three out of 16 passes; Ohio none in six attempts. Kabealo averaged 43 yards in 12 punts; Fontaine, 37 yards, on 11 kicks.

Closing the season against Minnesota's undefeated eleven, which the week before had battled Michigan to scoreless tie at Ann Arbor, Wisconsin was the underdog, conceded no chance for victory and generally nominated to lose by anywhere from two to five touchdowns, depending on the breaks of the game. When the game ended, Minnesota, sadly deflated, was victor, 6-3, by virtue of a fumble which gave it the ball, six inches from the goal line, after the Badgers had shown their ability to stop any reasonable Gopher threat. Every break went against Wisconsin.

The game was played under the worst conditions a Wisconsin team has faced since the famed snow-storm at Iowa in 1925. It began in a drizzle of rain and a 30 mile gale, which later rose, at times, to 40 miles an hour. The drizzle changed to a succession of downpours; then to snow and sleet. Fumbles were numerous, inevitable and excusable. It was a fumble that decided the ball game and other fumbles several times put the Badgers in trouble. Yet to the



CAPT. HAL SMITH

The 1933 Season

- Oct. 7—Wisconsin 19, Marquette 0
- Oct. 14—Wisconsin 0, Illinois 21
- Oct. 21—Wisconsin 7, Iowa 26
- Oct. 28—Wisconsin 0, Purdue 14
- Nov. 4—Wisconsin 0, Chicago 0
- Nov. 11—Wisconsin 25, West Virginia 6
- Nov. 18—Wisconsin 0, Ohio State 6
- Nov. 25—Wisconsin 3, Minnesota 6

Minnesota man recovering it on Wisconsin's 18-yard line. In two plays the Gophers had it on Wisconsin's 4-yard line, first down.

Right there, Wisconsin made a stand which should live long in Wisconsin football annals. In four plays, the highly touted Gopher backs made exactly two yards and Wisconsin took the ball on downs. But it did not take off the pressure. The terrific wind made it impossible to punt the ball any distance, so for the full period, the Badgers, their backs to the wall, stood off assault after assault by the furious Gophers. They played inspired football and when the half ended, their three point lead looked extremely good.

But Wisconsin had to face the wind again in the third period and they never faltered. It was the disastrous fumbling alone which gave Minnesota its scoring chance, already described. With the conditions reversed, Wisconsin would as certainly have gone over. Minnesota fumbled about as often, but it so happened that one of Wisconsin's fumbles occurred right on the goal line. And that was the ball game.

When it was over, all the Twin Cities sports writers agreed that while Minnesota won, the glory was Wisconsin's and that the Gophers had been thoroughly outplayed. It was by far Wisconsin's best game of the year and that fact alone, in view of the Badgers' long succession of defeats, is sufficient commentary on the gameness of the losers.

graduate students, land research and "surveys made in the public interest." The work of the institute has drawn research workers from virtually every corner of the world and as Dr. Ely observes, "the institute is probably better known abroad than at home." And the new school is prepared to distribute the findings of the institute and its dozen research workers among the persons most concerned in land economics—insurance companies, banks and trusts and utilities.

The new school is to have a function in the field of land economics somewhat similar to that of Johns-Hopkins or Mayo brothers' clinic in the field of medicine. The scope of the school is indicated in an outline of courses which include land economics, urban utilization, statistics, housing, planning, real estate law, architecture and public utilities.

Mrs. Kedzie Jones Retires After Fifteen Years of Faculty Service

AFTER 15 years of work among the farm women of Wisconsin, during which time she has become one of their closest, most sympathetic and inspirational friends, Mrs. Nellie Kedzie Jones is retiring from active service as state leader of home economics extension work.

Not only in Wisconsin, but in other states as well, has Mrs. Kedzie Jones done outstanding work. From 1882 to 1897, as head of the home economics department at Kansas State Agricultural College, she built up, through her charming personality, her keen intellectual interest and her unusual executive ability, one of the strongest departments of home economics in the United States. Among the leaders in home economics work who received their training under her direction is Miss Abby L. Marlatt, director of home economics at Wisconsin.

In 1897 Mrs. Kedzie Jones was called to organize a similar department at the Bradley Polytechnic Institute at Peoria, Illinois. She developed the department there so that it is today one of the well known home economics training institutions. She became the director of the Illinois State Fair School of Domestic Science, and even after her resignation from Bradley Polytechnic she continued to conduct the two weeks' farm school.

After her marriage to Dr. Howard Murray Jones, vice president and professor of history at Berea College, Berea, Kentucky, and later pastor of some important churches, Mrs. Kedzie Jones continued to work for better home conditions through conference and lecture work. Later, when she and Dr. Jones moved to Smoky Hill Farm, Auburndale, Wisconsin, because of the latter's ill health, her winters were taken up with lecture tours to farm home meetings and club meetings. She was hailed as a delightful lecturer in no less than 25 states from Maine to Oregon.

As a teacher, a lecturer, a radio speaker and writer Mrs. Kedzie Jones has an international reputation. Before she came to the University of Wisconsin as a member of its faculty, the University accorded her honorary recognition at the annual Farm and Home Week in February, 1918. Kansas State College gave her an honorary LL. D.



MRS. NELLIE KEDZIE JONES
Granted Emeritus Professorship

Cherry Biba Seeks Solution to Scientific Mystery—Polyphage

ULTIMATE solution of a scientific mystery on which she herself has labored many hours, and which has completely "stumped" scientists in New York City for the past 19 months, is the goal which Miss Cherry Biba, '30, is aiming at. Miss Biba received her master's degree in agricultural bacteriology at the commencement exercises last June.

After she had received her bachelor's degree several years ago, she went to New York to do work in bacteriology at St. Luke's hospital in that city. She had been at the hospital about six months, when officials of the city aquarium requested medical authorities at the hospital to aid them in solving the mystery of a new type of bacteriophage or bacteria-eater that was accidentally discovered in the fish tanks at the aquarium by the curator, a man named C. W. Coates. Miss Biba was assigned to the problem, and worked on it for nearly eight months with little success. Last September she returned to the University to gain a wider knowledge in her field, under the direction of W. D. Frost, professor of agricultural bacteriology.

The new bacteria-eating agent which Miss Biba has been investigating seems to be what is scientifically called a "polyphage," that is, it destroys all kinds of bacteria. The regular known bacteriophage are specific, each type devouring only one specific kind of bacteria.

Discovery of the new bacteria-eating agent was made by accident about two years ago, at about the same time that Miss Biba arrived in New York. The water in one of the aquarium's still-water tanks, known as small balanced aquaria, became unexpectedly stagnant and the fish died. The water was then treated chemically to clear it up again, but the expected result did not occur.

During the investigation, a glass tube broke in the curator's hand while in the water and he was severely cut. He continued his work for several days, often with his hand in the water, and to his surprise found that his wound healed much more quickly than was expected. Later, during the investigations conducted at the hospital by Miss Biba and others, at least nineteen volunteers suffering from some form of skin disease have submitted to external applications of the solution containing the mysterious bacteria-eating agent, and in all of them the results were encouraging.

One man, described to have been suffering from a skin affliction on his hand which made it impossible for him to close it, is said to have reported that he has been able to grasp a golf club for the first time in 20 years.

During the investigations, the bacteriologists fed this new germ-killing agent many types of known bacteria, such as *Bacillus coli*, streptococci, Staphylococci, and others, and have not yet found a single type of bacteria that this agent, whatever it is, does not devour. According to Miss Biba, it is not even definitely known just how this bacteria-eating agent is produced from the body of fish, probably from some kind of secretion which the fish is able to accumulate and then give off into the water.

While the CLOCK strikes the hour



Salary Waivers Not Changed By Regents Refusing to open up the entire salary waiver question, the board of regents at their last meeting, declined to adopt a resolution offered by Regent Harold M. Wilkie, providing for certain changes in the present salary waiver scale, and approved as a substitute motion a resolution which empowers the executive committee of the board to correct, as far as possible, any undue hardships which may occur in the present budget and salary waivers.

Mr. Wilkie's resolution would have changed the present scale of waivers, ranging from 12 per cent on the first \$500 to 25 per cent on salaries above \$9,000, to a scale which ranged from 12 per cent on the first \$1,000 to 27½ per cent on salaries above \$8,000. The waiver schedule suggested by Mr. Wilkie also provided exemptions in the case of married men whose wives are not employed, and who have one or more dependent children under 18 years of age. The same exemption would also apply to women employees who have dependent children but whose husbands are not employed. Employees whose time had been cut would also be exempt from the waiver in certain cases.

In presenting his plan for salary waivers to the board, Mr. Wilkie pointed out that he objected to the high range of the waivers in the lower brackets under the salary schedule now in effect, and that he objected to the inequalities and injustices which he said are brought about under the present scale of waivers.

Refuting Mr. Wilkie's arguments against the present salary waiver plan, which was adopted by the board last August, Pres. Glenn Frank asserted that the present schedule of waivers is fairer, more just, and more humane than are the budgets of 90 per cent of comparable universities. It is more considerate of the employee than even the federal government's system of pay cuts, he said.

With several substitute motions to take the place of the Wilkie resolution before them, the regents finally voted to give the executive committee, Pres. Frank, and Business Manager J. D. Phillips power to correct any injustices that may occur under the present budget, thus leaving the present schedule of salary waivers intact.

Grant Band Credit In one of its shortest meetings on record, the faculty of the college of letters and science recently voted to give one credit per semester to students enrolled in second year band work. The meeting lasted slightly less than 10 minutes.

Action to give credit for the music course was taken as a result of last year's action of the faculty in reducing the physical education requirement from two to one year. At that time it was voted to give credit for both military training and band work in the sophomore year, since these courses had been used in the past to offset the two years physical education requirement.

The faculty approved the recommendation after George C. Sellery, dean of the college, briefly pointed out that music is of increasing importance in the state, and that it contributes a definite service to social well-being.

Laboratory Gets NRA Funds Allotment of \$498,000 to the Forest Products laboratory has been made by the forest service of the U. S. department of agriculture, which maintains the laboratory here. The money comes from the department's NRA public works fund and will be expended on equipment and research facilities and to complete the laboratory buildings and grounds. Money for the latter purpose was not available when the building was constructed last year.



REGENT HAROLD WILKIE, '13
Opposes Salary Waivers

C. P. Winslow, laboratory director, who announced the allotment, explained the major part of the money will purchase equipment and complete facilities under contract. No part of the funds, it was pointed out, has been authorized for research work or the increase of laboratory personnel. Such labor as will be required directly by the laboratory will follow later in the year after plans and specifications and the purchase of equipment have been completed. Skilled labor, artisans and others needed for this work must be selected from federal civil service eligibility lists.

Regents Return \$35,000 Surplus To the State Turning in of \$35,000 to the state's general fund from the accumulated surplus of the orthopedic hospital at the University was approved by the executive committee of the board of regents recently. The hospital is the only one of its kind in the state. The surplus in the hospital's revolving funds resulted despite recent decreases in its charges, and the regents decided that the money should be turned into the state's general fund for use elsewhere in the state's service.

The regents also came to the aid of the state toxicology department when they named Frank Kozelka, former assistant, as University toxicologist on a part-time basis. The toxicology department, which last year under the direction of Dr. Robert P. Herwick investigated more than 200 cases of poisoning in all parts of Wisconsin, was not given funds by the last legislature for its continued operation. The state emergency board voted sufficient funds late last summer to keep the department operating until October 1, when the state department, established in 1923, came to an end. Recognizing that the work is important to the Wisconsin General hospital at the University, to district attorneys, sheriffs, and hospitals throughout the state, and to farmers in case of animal poisoning, the regents voted to continue the department in the University, but on a smaller scale than in the past.

Dads' Day Date Changed Fathers and mothers of Wisconsin students will be welcomed to the campus next spring in a combined Mothers' and Dads' Day program, if present plans of student leaders are carried out. It will be the first time in history that the Mothers' Day program and the Dads' Day event have been combined into a single affair. In past years, Dads' Day has always taken place in the fall of the year, sometime during football season, while Mothers' Day has been celebrated on the campus late in the spring.

Decision to combine the two annual events at which the University plays the host to the fathers and mothers of its students came following a conference between student leaders and Pres. Glenn Frank. Plans for the combined affairs will be made by student committees.

Drastic economy in force at the University this year is one of the reasons for the joint celebration of the two events. Another tradition, "Varsity Welcome," had to be given up earlier this fall because of lack of funds to defray expenses.

Regents Approve 3.2 Beer The Memorial Union's Rathskeller has come into its own at last! No longer is the tasteful atmosphere of an old fashioned German beer cellar wasted on malted milks and strawberry sodas—real honest to goodness beer is now sold in this men's sanctuary. The regents authorized the sale of the foaming beverage at their regular October meeting. Regent George Mead, '94, a professed dry, introduced the resolution permitting the sale and the vote of the board was unanimous in favor of permitting the students to drink beer in a student owned "tavern" under the careful supervision of Union officials. And so when you next come to the campus drop in at the Rathskeller and lift your glass on high while you join in the chorus of "Ist das nicht ein Schnitzelbank."



A REAL RATHSKELLER AT LAST

Develop New Oxygen Inhalator A new method of enriching with oxygen the atmosphere inhaled by sick persons at the slightest evidence that high oxygen concentration may be of benefit to them has been developed at the University general hospital. This new method was developed by Dr. E. A. Rovenstein and Dr. Ralph M. Waters, who explained that the present day tendency among doctors is to enrich with oxygen the atmosphere inhaled by sick persons when it is clearly evident that such high oxygen concentration may aid the patient.

Two methods have been in common use. The first is to inclose patient, bed, and nurse in a gas-tight oxygen chamber, while the second is to inclose the upper part of the patient's body and head in a semi air-tight tent. The chamber is very expensive to install and to maintain because of increased cost of nursing care as well as of maintenance of the oxygen atmosphere. The tent is less expensive than the chamber but also less efficient because the concentration of oxygen is lost each time the tent flaps are raised to permit nursing care.

The method developed by the staff of the medical school presents many advantages over the older methods, it is claimed. A small soft rubber tube is lubricated and passed gently through one side of the nose until the tip lies along the back wall of the throat. Oxygen can thus be conducted to the region of the opening in the wind pipe, and as the patient breathes he will inhale an oxygen-rich air. The percentage of oxygen inhaled will depend on the care with which the doctor correctly places the lip of the tube in the throat and on the rate of flow of oxygen from the cylinder attached to the tube. The little tube is carefully fixed to the patient's lip and cheek with narrow strips of adhesive plaster so that no movement and consequent tickling of the throat can occur. Once properly placed, the tube causes little discomfort or interference with talking, eating, coughing or other necessary functions.

A humidifier and meter are attached to the oxygen tank for registering the rate of flow of oxygen. Quite as high concentrations of oxygen can be administered by this method as are possible with tent or chamber and a constant maintenance is assured, according to Dr. Waters. Necessary rubber tubing and humidifier-flow-meter are relatively inexpensive and oxygen can be secured if necessary from the nearest garage or welding plant.

Students Are Religious Eleven University student religious centers have begun this year's programs with 5,100 members. The Congregational Students' association announces membership of 830; the Wesley Foundation, Methodist student group, 700; the Newman club, Catholic organization, 1,000; the Presbyterian Student Alliance, 450; Hillel Foundation for Jewish Students, 300; Avukah, American Zionist university society, 27; the Christian Science student organization, 30; St. Francis House, Episcopalian headquarters, 450; Luther Memorial Student association, 800; Wayland club, Baptist group, 125; Lutheran Students' Council of Calvary Lutheran church, 425; and the Young Men's Christian association and Young Women's Christian association, with a combined membership of 600.

Million Books Available for Students

University of Wisconsin students have the opportunity of using 14 libraries in their work of obtaining an education, a survey of campus library facilities has revealed. In addition to the local city library, there are six main libraries and seven branches which students may use. These libraries contain more than a million volumes on every imaginable subject, in addition to approximately half a million pamphlets of various kinds.

The main libraries are those of the University, the State Historical Society, the Wisconsin Academy of Science, Arts, and Letters, the State Law Library, the Legislative Reference library, and the Madison Free library. Duplicate copies of books and pamphlets are kept by these libraries only in case of exceptional demand by the students and public generally.

Alumni BRIEFS

Engagements

- 1925 Helen P. Maturen, Saginaw, Mich., to Hubert G. HOLMES, Beloit. The wedding will take place in the spring.
- ex '29 Marjorie KALTENBACH, Kenosha, to Reuben T. Lueloff. The wedding will take place during the coming winter.
- 1930 Virginia St. John, Stratford, Conn. to Robert G. WALKER, Kenosha.
- 1931 Esther M. Schwoegler, Madison, to Vernon GOLDSWORTHY, Wisconsin, Rapids.
- ex '31 Eva RECTOR, Sharon, to William J. FRONK, Shanghai, China. The wedding will take place in Yokohama, Japan.
- ex '31 Miriam WEINSTEIN, Chicago, to Harry Rosset.
- 1932 Helen Carter, Madison, to Roger A. HAMILTON, Clinton.
- ex '32 Mary BOARDMAN, Detroit, to Arthur C. Rogers, Berlin, N. H.
- 1932 Dorothy WELBOURNE, Milwaukee, to James W. Turner, Melbourne, Ala. The wedding is planned for next May.
- 1933 Ruth Biesen, Milwaukee, to Alan FREAS, Milwaukee.
- ex '34 Margaret K. CLARK, Madison, to LeRoy A. Holloway, Chicago.

Marriages

- 1904 Frances Jagoditsch to Harvey A. SCHOFIELD on July 15 at Altoona, Wis. Mr. Schofield is president of the Eau Claire State Teachers college.
- 1916 Martha Epps, Cambridge, Mass., to Murray R. BENEDICT. Dr. Benedict holds a chair in economics at Berkeley, Calif., and is at present on leave for special service in Washington.
- 1920 Irene Pamperin, La Crosse, to Dr. E. J. HABERLAND, Milwaukee, on September 5.
- 1920 Regina FEENEY, Madison, to Dr. John J. Fallon, Concord, Mass., on October 11 at Madison. At home in Concord.
- 1921 Vera TYLER, Mellen, to Edwin S. Everitt, Galesburg, Ill., on September 2 at Oak Park. At home at 745 E. Gorham st., Madison.
- 1922 Ruth CONLEE, Madison, to Harold Jacobson, La Crosse. At home in Winona, Minn.
- 1922 Dorothy COERPER, Hartford, to ex '23 Robert N. MARLING, Madison, on October 28.
- ex '23 Marjorie MATTSON, Stoughton, to Harold W. Quirt on October 2 at Waukegan.
- ex '23 Isabel McDonald, Chicago, to Irving RAMSDALL, Milwaukee, on August 22 at Milwaukee.
- 1924 Iva A. Stevenson, Arlington, to Lester E. CALDWELL, Morrisonville, on August 30 at Arlington. At home near Morrisonville.
- ex '24 Frances Jeffery, Trumansburg, N. Y., to Albert W. THOMPSON on August 11 at Trumansburg. At

- home at 41 Franklin st., Auburn, N. Y., where Mr. Thompson is an instructor in the high school.
- 1924 Mabel SAUERHERING, Hartford, to Michael Connell, Milwaukee, on August 25 at Waukegan. At home in Milwaukee.
- 1924 Lois B. LIVINGSTON to Earl L. Moser on September 15 at Summit, N. J. Mr. Moser, a graduate of Grinnell College, is in the Foreign Sales Dept. of Socony-Vacuum, New York. Mrs. Moser is in the modern furniture department of R. H. Macy & Co.
- 1924 Margaret PERKINS Varney to Alexander McGregor, Jr., on September 9 at Brockton, Mass. At home at 1245 Main st. in that city. Mr. McGregor is a graduate of Amherst.
- 1925 Esther GEORGI to Frank W. BARDEN, M. D., on July 7 at Centralia, Mo.
- ex '27 Irene DIXON, Salem, to Clayton P. Stockwell on August 19. At home in Janesville.
- 1926 Carol Krueger, Milwaukee, to Stanley Harris on August 22. At home in Milwaukee.
- ex '26 Alice Sleeter, Antigo, to Gerald S. VASSAU on September 16 at Antigo. At home in that city at 313 Sixth ave.
- 1926 Georgiana BENFEY, Sheboygan, to George H. Myers on September 21 at Sheboygan. At home at 332 St. Clair ave., Sheboygan.
- 1927 Janet Vogt, Milwaukee, to Scott LOWRY, Waukesha, on October 19 at Milwaukee. At home at 156 East ave., Waukesha, where Mr. Lowry is district attorney.
- 1927 Lucile BOHREN, Madison, to Russell B. Pyre on October 15 at Madison. At home at 420 Russell Walk, Madison. Mr. Pyre is city editor and Mrs. Pyre society editor of *The Wisconsin State Journal*.
- 1927 Mary M. BRANDEL, Madison, to James D. Hopkins on October 14 at Randolph. At home at 36 Norris court. Mrs. Hopkins is the society editor of *The Capital Times*.
- 1928 Waida GERHARDT, Madison, to Grad'33 Harold C. LARSEN on October 19. At home in Sturgeon Bay, where Mr. Larsen is a federal land appraiser.
- ex '28 Helen M. Hinz, Wauwatosa, to George R. STEPHENSON, Madison, on November 2. At home at 208 W. Gorham st., Madison. Mr. Stephenson is city editor of *The Capital Times*.
- ex '28 Elizabeth F. SCHMEDEMAN, Madison to John C. CAMPBELL, on April ex '34 24. At home in Kewaunee, Wis.
- ex '28 Dorothy Hungerford, Albany, N. Y., to Gustave A. KRUEGER, Milwaukee, on August 18. At home in Albany.
- 1928 Clarinda Crittenden, Wilkinsburg, Pa., to Theodore L. SWANSEN, Milwaukee, on September 16. At home in Milwaukee.
- 1928 Jeanne Zeiser, Menominee, to Er-

- vin A. WEINKE, Fond du Lac, on September 6. At home at 23 Champion ave., Fond du Lac.
- 1928 Lillie E. SWANSON, Superior, to Maynard BERGLUND on September 16 at Superior. At home in that city at 2203 Maryland ave.
- 1928 Marjorie CORDY, Compton, Calif., to George M. KEITH, Madison, on 1924 September 26 at Compton. At home in Madison.
- ex '28 Marie F. Bopp, St. Louis, to Richard C. MUELLER, Manitowoc, on October 14 in Clayton. At home at 3324 Adams st., Manitowoc.
- 1929 Muriel Lubliner, Chicago, to Jack A. WINTER on October 2 at Chicago.
- 1929 Eleanor McEVILLY, Madison, to William J. Shinnars, Milwaukee, on October 21.
- 1929 Irmagarde Faber, Milwaukee, to Harold LENICHECK, Milwaukee, on October 21 at Milwaukee. At home in that city at 1908 E. Kensington blvd.
- 1929 Gladys ROBBINS, Janesville, to Richard L. Valentine, Buffalo, N. Y., on September 30. At home in Buffalo, where Mr. Valentine is with the DuPont Rayon co.
- 1929 Berniece Buzzell, Markesan, to Harris JOHNSON, Brandon, on September 2, at Waukegan.
- 1929 Elaine Schimmel, Watertown, to Nathan FISCHER, Jefferson, on September 2 at Watertown. At home in Milwaukee at 512 N. 59th st.
- 1929 Dorothy L. Brady, Madison, to Dr. William F. DONLIN on August 31 at Madison. At home in Cambria.
- 1928 Ida Kingma, Chicago, to George SCHILSTRA on August 30 at Chicago. At home in Sheboygan.
- ex '29 Marguerite A. Wilson, Eagle Grove, Iowa, to Ross I. CALDWELL, Morrisonville, on September 16. At home near Morrisonville.
- 1929 Ruth H. McCARTAN, Portage, to James W. Morrey, Madison, on September 9 at Portage. At home in Madison.
- 1929 Cleo F. Maher, Durand, to Dr. Emmett A. MEILL, Cochrane, on September 18 at Durand. At home in Cochrane.
- 1930 Dorothy G. Hermann, Beloit, to Howard S. KELSEY, Madison, on August 17 at Beloit. At home in Madison.
- ex '30 Varena A. STUESSY, New Glarus, to Benjamin F. Knotts, Wadesboro, N. C., on September 30 at New Glarus. At home in Madison.
- 1930 Pearl STOECKLIN, Highland, Ill., to Victor H. HUNKEL on August 19 at Chicago.
- 1930 Janet GERBER, Baraboo, to Karl SCHLICHER, Madison, on September 11 at Baraboo. At home at 701 W. Johnson st., Madison.
- 1930 Mildred NELSON, Doylestown, to ex '30 Guerdon M. MATTHEWS, Appleton, on August 21 at Rio. At home in Appleton.

- 1930 Ruth A. McDANIEL, Darlington, to Donald F. Reinoehl, Winnipeg, Manitoba, on September 9. At home in Grafton, N. D.
- ex '30 Victoria MASON, Marshfield, to Dr. George L. McCormick, Prescott, on September 7 at Marshfield. At home in that city.
- 1930 Esther KISSINGER, Madison, to Milo F. HANSEN at Rockford. At home at 1706 Jefferson st., Madison.
- 1930 Mary J. Wheeler, Pittsburgh, Pa., to Allwyn A. ANDERSON, Madison, on August 3.
- 1930 Violet Borchardt, Waukesha, to Harold LARSON on October 21 at Waukesha. At home in that city in the James apartments.
- ex '30 Jean M. CHRISTENSEN, Oshkosh, to Homer G. Bishop on October 14 at Oshkosh. At home in Jacksonville, Fla.
- ex '30 Mary M. Hier, Marceline, Mo., to Charles S. WILLISTON, Jr., Fort Madison, Iowa.
- 1931 Georgene RASMUSSEN to Dr. Werner P. Jensen on October 21 in Omaha, Nebr. At home in that city at 3720 Dodge street.
- 1931 Miss Potter, Racine, to Kenneth L. MAGEE, on October 31 at Galena, Ill.
- 1931 Harriet MEHAN to J. William Ainsworth, Jr., on October 14 at Chicago. At home at 10326 Walden parkway, Beverly Hills, Chicago.
- 1931 Hilma BERG, Milwaukee, to Milton L. MEISTER, West Bend, on September 23.
- 1931 Gertrude HANSEN, La Crosse, to Robert E. LYNCH on October 21 in Madison.
- 1931 Frances K. Kiel, Glendale, Calif., to John JAUCH, Chicago, on September 23 at Glendale. At home at 3624 Greenview ave., Chicago.
- ex '31 Elizabeth K. BAEBLER, Monticello, 1934 to Lawrence A. BINDER, Madison, on September 16. At home at 444 Hawthorne court, Madison.
- ex '31 Alice M. Seil, Stevens Point, to Irving M. GORDON, Madison, on September 16. At home at 27 Waubesa st., Madison.
- ex '31 Mary R. BLOOM, Beloit, to Dr. Joseph C. SPRINGBERG, Madison, On October 1 at Beloit. At home in South Wayne.
- 1931 Anne LUSSIER, Wausau, to Truman RYKER on September 25 at Wausau. At home at 212 N. Lake st., Madison.
- ex '31 Helene HAASE to Gottfried Reuter, South Milwaukee, on September 23. At home at 801 Hawthorn ave., South Milwaukee.
- 1931 Dorothy J. WEBSTER, Milwaukee, 1927 to Harrison ROBINSON, Wauwatosa, on September 23 at Milwaukee. At home at 7012 Wells st., Wauwatosa.
- 1931 Phyllis C. Hagen, Adams, to Edward A. SPICKA, Milwaukee, on September 9. At home in Milwaukee.
- ex '31 Grace Godfrey, Wauwatosa, to Richard M. FORESTER on October 14 at Wauwatosa.
- 1931 Jane EHRLINGER to Martin S. Taylor on Sept. 14. Mr. Taylor is a mining engineer and a graduate of Washington University. At home on the Island of Cyprus in the Mediterranean, where Mr. Taylor is superintendent of the Cyprus Mining co. They will return to the United States every three years.
- 1931 Dorothy GRANT, Wauwatosa, to James CURTIS, Libertyville, Ill., on September 30. At home in Wauwatosa.
- 1931 Pauline WATERMAN, Sycamore, Ill., to Franklin D. McDonald, Oshkosh, on September 16 Sycamore. At home at 241 West New York ave., Oshkosh.
- 1931 Virginia M. BUSWELL, Oak Park, Ill., to Charles R. Abbott, Berwyn, on September 16 at Oak Park. Mr. Abbott attended the University of Illinois.
- 1931 Alice Asenath IVES, Topeka, Kans., to Robert N. MCGREGOR, Kent, Wash., on October 16 at Kent.
- ex '31 Renata M. SCHATZ, Oshkosh, to ex '32 Frank O. GRAMS, Genoa, Ill., on September 19.
- 1932 Katherine BACH, Chicago, to Ted W. Keller on November 4 at Chicago.
- 1932 Janet R. COHN, Milwaukee, to Dr. H. Lando, Jr., on June 28. At home at 4428 N. Oakland ave., Milwaukee.
- 1932 Dorothy BIBERFELD, Gary, Ind., to 1931 Jacob MUCHIN on October 22 at Gary. At home in Manitowoc.
- 1932 Esther Broecker, Milwaukee, to George A. SOLSRUD, Madison, on September 12 at Milwaukee.
- ex '32 Ida Graeber, Ladysmith, to Gerald CHICKER on September 11 at Chicago. At home in Ladysmith.
- 1932 Katharine F. ROWLAND, St. Joseph, Mo., to John M. REDFORD, Wisconsin Rapids, on September 30. At home in Milwaukee.
- 1932 Genevieve KERR, Watertown, to Orin J. Burnell, Red Lake Falls, Minn., on September 21. At home in Watertown.
- 1932 Merle P. OWEN, Madison, to Vernon S. HAMEL on September 29 at Madison. At home at 420 W. Gorham st.
- 1932 Beatrice KISSEL, Hartford, to Frederick Schauer on September 26 at Hartford. At home at 258 Grand ave., in that city.
- 1932 Grace M. SMITH, Webster Groves, Mo., to Dr. J. Keller Mack on September 2 at Webster Groves. At home at 4417 Forest Park blvd., St. Louis.
- 1932 Astrid OLSEN, Beloit, to Dr. K. B. McDonough, Toledo, on September 9 at Beloit. At home in Milwaukee where Dr. McDonough is resident physician at the children's hospital.
- 1932 Ruth L. Curtiss, Kenosha, to Carol J. WEIGEL, La Crosse, on September 30 at Kenosha. At home in La Crosse.
- ex '32 Dolores B. MALECKE, Stoughton, 1923 to Lloyd B. OLSON on September 9 at Chicago. At home in Stoughton.
- 1932 Dorothea J. HUBER, Sioux City, 1933 Iowa, to Aubrey J. WAGNER, Madison, on September 9 at Sioux City. At home at 509 N. Jefferson st., Lancaster.
- ex '32 Renata M. Schatz, Oshkosh, to Frank O. GRAMS on September 19 at Madison. At home at 1608 Adams st.
- ex '32 Evelyn M. CHAMBERLAIN, Wisconsin Rapids, to Don L. Briselden, Stevens Point, on September 14 at Wisconsin Rapids. At home in that city at 1120 Third st., N.
- ex '32 Alma C. Stecker, Hazelton, Pa., to Lieut. Fred R. ZIERATH, on September 1 in New York City. Lieut. and Mrs. Zierath are stationed at Fort Snelling, Minn.
- ex '33 Lillian BROOKMAN, New York 1929 City, to Paul L. MARCUS on September 19. At home in Muscoda.
- 1933 Ruth I. WAGENER, Sturgeon Bay, Ph.D. '32 to Dr. Alfred W. DOWNES, Cleveland, on September 5 at Sturgeon Bay. At home at 200 Montrose drive, Charleston, W. Va. Dr. Downes is a research chemist for the Union Carbon and Carbide Chemical co.
- 1933 Mary SOSEMAN, Monroe, to Fred 1929 BURGUY on October 14 at Urbana. At home near Monroe.
- ex '33 Constance A. WOLLAEGER, Wauwatosa, to Bertram C. Butler, Hamilton, Ont., on September 23 at Wauwatosa. Mr. Butler is a trade commissioner in the service of the Canadian government, and he and Mrs. Butler will make their home in either Batavia or Singapore.
- 1933 Juanita M. Malone, Niagara, to Harold JONES, Neenah, on June 23, 1932, at Rockford. At home in Neenah.
- ex '33 Susan J. GIBBS, River Forest, Ill., to Frazier S. Wilson, Oak Park, on October 18. At home on Washington blvd., Oak Park.
- ex '33 Elizabeth Krummey, Elkhart Lake, to John WITTKOPP, Plymouth, on September 15 at Plymouth. At home in that city at 135 Mead ave.
- ex '34 Maybelle L. GOODYEAR, Madison, 1916 to Joseph O. OTTERSON on October 12 at Madison. At home at Shorewood Hills, Madison.
- 1934 Helen M. Safford, Troy, Ohio, to John DINGEE on April 1.
- ex '34 Mary Hollenstein, Mayville, to Jacob Ribbens on September 23 at Mayville.
- ex '34 Mitzi DOUGLAS, Waukesha, to Dr. 1929 Paul CAMPBELL on September 30 at Waukesha. At home in the Arlington apts., Waukesha.
- ex '34 Mary L. BURBACH, Portage, to ex '33 Franklin G. NUERNBERGER on October 14 at Portage. At home at 124 W. Gilman st., Madison.
- 1935 Elvera A. ANDERSON to Burton L. 1933 FRYXELL on September 17 at Moline, Ill. At home at 445 W. Dayton st., Madison. Both will continue their studies at the University.
- ex '35 Orla J. HAHN, Marshfield, to James 1932 WILLIAMS, Milwaukee, on October 17. At home in Milwaukee.

Births

- 1914 To Mr. and Mrs. T. E. Coleman (Catherine HEAD) a son, Jerome Reed, on September 17, at Madison.
- ex '19 To Mr. and Mrs. Charles PAIN, Jr. 1918 (Dorothy Ross) a daughter, Dorothy Susan, on July 10.
- 1920 To Mr. and Mrs. Ralph D. STILES a son, David Clifford, on May 8, at Minneapolis.
- 1924 To Mr. and Mrs. Eugene P. MEYER a second daughter, Marjorie Evelyn, on July 5 at Milwaukee.
- 1925 To Dr. and Mrs. N. W. Bourne

- 1926 (Evangeline LUETH) a son, Charles Warren, on January 5.
 To Mr. and Mrs. C. Newbold Watson (Jane PIERSON) a daughter on September 22 at Narberth, Pa.
 1928 To Mr. and Mrs. Clyde KLUCK-
 1927 HORN (Florence M. ROCKWOOD), a son, Richard Paul Rockwood, on October 2 at Madison.
 1927 To Dr. and Mrs. Joseph C. DEAN.
 1928 (Alice O'NEILL) a daughter on September 25 at Madison.
 Ph.D. '32 To Mr. and Mrs. Albert L. M.A. 30 SMITH (Esther BUBOLZ) a daughter, Janet Diane, on November 9 at Appleton.

Deaths

DR. GERHARD H. BALG, '81, died at his home in Mayville, Wis., on October 4. Dr. Balg was an outstanding scholar and spent practically all of his life in educational pursuits. He was probably the outstanding authority in this country on the Gothic language and was the author of several books. Dr. Balg obtained his early education at the classical college of Cologne. When he came to this country he assumed a position clerking in several small stores and, because of his education, was able to teach in several schools before taking up his studies at the University. After being graduated he went to Heidelberg and Freiburg universities, receiving his Ph.D. degree from the former in 1883. Then began his life's work in the Gothic language. He taught in the Institute Rudy in Paris for several years before returning to this country. He taught in the Mayville high school for a number of years and then tutored the children of several wealthy Milwaukee families. He returned to Germany on several occasions the last of which was just prior to America's entrance into the War and he was prevented from returning until the close of the war. His time since has been spent most in study and teaching.

EDMUND G. MCGILTON, '83, veteran Omaha attorney, civic leader and prominently identified with state politics died at his home on September 6. Mr. McGilton was active in Nebraska councils and campaign activities of the Republican party. He was elected lieutenant governor of the state in 1904 and served until 1908. He served as a member of the Omaha board of education for eight years. He was president of the Commercial Law League of America in 1917 and was an active member of the Nebraska and American bar associations. He was a member of Beta Theta Pi.

CHARLES L. BEACH, '86, president emeritus of Connecticut State College, died of a cerebral hemorrhage at his home in Storrs, Conn., on September 15. He was 67 years old and had been ill for several weeks following a shock. Dr. Beach was born at Whitewater, Wis., April 6, 1866. He was graduated from the University with the B. A. and B. S. degrees in 1886. Then followed 10 years in the milling business and in 1896 he came to Storrs as instructor in dairy husbandry. While with this department he conducted experiments that added greatly to the development of dairy science. In 1906 he became professor of dairy husbandry at the University of Vermont but was called back to Storrs two years later as president of the Connecticut Agricultural

College. The remarkable development of the State College dates from his inauguration in 1908.

In July 1928, President Beach tendered his resignation because of ill health. His physicians insisted that a long rest was imperative and the board of Trustees reluctantly accepted the resignation and made him president emeritus. Following a series of operations his health improved and he was able to continue his wide cultural interests.

In recent years Dr. Beach devoted a great deal of time and much of his private income to a notable collection of oil paintings which he presented to the College in memory of his wife. This collection, valued at approximately \$40,000, is hung in various buildings on the campus and is accessible to students, faculty and the entire Storrs community, as well as the thousands of visitors who annually come to the State College.

The 30 years in which Mr. Beach actively served the college, 10 years as a teacher and investigator and 20 years as president, were years of accomplishment. His place in the field of education was publicly recognized when Wesleyan University conferred upon him the degree of doctor of science in June, 1927. Further recognition was given Mr. Beach in 1929 when he was selected from among rural leaders to receive the State College Honorary Recognition award for his service to agriculture and rural life in the state.

Beach Hall, a classroom building on the Connecticut College campus was named in his honor last year.

A. F. MENGES, '86, prominent Madison druggist, died at his home on October 20. He had been ill for some time. Mr. Menges established a pharmacy on Mifflin street in 1891 and had maintained the store ever since. Later he established three other stores in Madison, thus becoming Madison's first chain store operator. He was a member of the state board of pharmacy from 1895 to 1905 and was a charter member of the Wisconsin Pharmaceutical society. Besides his activities as a leading druggist, he was the first president of the old Commercial National bank, a position which he held for nine years. He was one of the founders of the National Guardian Life Insurance co., and was vice-president at the time of his death. He was also a director of the Union Trust co. He is survived by his wife and two daughters.

CHARLES F. KAEMPFER, '86, prominent member of state republican circles, died at Milwaukee on October 22. He practiced law in Milwaukee for the past 25 years having first established his offices in Racine.

CHARLES M. DODSON, ex-'88, died at his home in Berlin, Wis., on Nov. 2, 1933. Mr. Dodson was prominent in Berlin business life and lodge activities. He owned one of the city's largest drug stores, owned and managed the Library Opera House, and for many years was a director of the Green Lake County Fair association.

ALLEN T. FRISBY, Sp. '92, died at his home in Milwaukee on September 14. Mr. Frisby received his law degree from the University intending to follow in the footsteps of his father. Poor health, however, forced him to devote his energies to other pursuits, so he turned to the stage. He taught dramatics in several high schools and was a member of several stock companies. This too was too much of a tax on his strength and he was forced to retire. He

travelled for his health for some time and later returned to Milwaukee where he became associated with Milwaukee theaters in a technical capacity. He was active in Masonic circles.

MRS. ABBIE FISK EATON, '94, a member of the German faculty at the University from 1897 to 1906, died on October 9 at Claremont, Calif. Mrs. Eaton was the widow of Prof. James H. Eaton, teacher of chemistry and mineralogy at Beloit college for many years.

THOMAS L. DAVISON, Sp. '94, died at his home in Fond du Lac, Wis., on October 10 after a brief illness. After receiving his law degree Mr. Davison entered the practice of law with his brother in Beaver Dam. This partnership continued until 1904 when Mr. Davison moved to Merrill, Wis., where he maintained an office for two years. He then removed his office to Ripon, Wis., where he practiced for twelve years, starting his Fond du Lac practice in 1918.

BARTON L. PARKER, '95, died at his home in Green Bay, Wis., on August 28.

JOHN M. BARNEY, '01, died at Phoenix, Arizona, after an illness of four years. After graduating from the law school, Mr. Barney associated himself with the law firm of Barney and Kuechenmeister in West Bend where he remained for ten years. He left that city to move to Milwaukee where he continued his practice of law. Illness forced him to retire from active practice four years ago and he moved to Arizona in an effort to re-build his health.

DR. DAVID R. LEE, Ph.D. '07, a member of the University faculty from 1905 to 1907, died at Evanston, Ill., on October 18. He spent most of the time since 1907 teaching in various colleges. His most recent position was with the University of Tennessee where he was professor of archeology.

MRS. DOROTHY LENROOT BROMBERG, ex-'14, Law ex-'29, died at her home in Los Angeles, Calif., on September 20. Mrs. Bromberg was the daughter of Ex-Senator Irvine Lenroot and Clara Clough Lenroot, '79, of Superior. Ill health forced Mrs. Bromberg to leave school and seek the warmer climate of southern California. While there she took an active part in the 1920 Coolidge campaign and became so interested in law that she enrolled in the University of Southern California law school. She returned to Wisconsin in 1926 and aided her father in his unsuccessful campaign for re-election to the senate. She entered the University law school but was again forced to withdraw because of ill health. She graduated from Southern California's law school in 1930 and was appointed assistant U. S. district attorney, a position she held until April of this year, resigning with the intention of starting a private practice. She was extremely active in California legal circles. She is survived by her husband.

JOHN RHODES ROBERTS, ex-'15, died suddenly while at work on September 23 in Internal Revenue Office in San Francisco where he was employed as an engineer revenue agent. Mr. Roberts was an active member of the Wisconsin Alumni Club of Northern California for the past eight years. He is survived by his wife, Alice Hudson Roberts, '13, and two children.

DR. HAROLD BACHMANN, '15, died in Chicago on September 21. Dr. Bachmann concluded his medical training at the University of Pennsylvania. He then moved to Chicago where he became one of that city's most able specialists in children's diseases. In 1930 he was appointed senior pediatrician at the St. Luke's hospital in Chicago and later became head of the heart department of the Chicago Memorial hospital, which is one of the largest heart clinics in this country. During the World War, Dr. Bachmann served with the medical corps overseas.

RAYMOND H. RISHEL, '15, committed suicide by hanging on September 30. Mr. Rishel was a graduate of the College of Agriculture and owned a prosperous farm near Phillips, Wis.

ELFRIEDA NACHTIGAL, '16, died at Plymouth, Wis., on September 5 after a prolonged illness. Miss Nachtigal had been employed as bookkeeper for the Plymouth hospital most of the time since her graduation. She was forced to resign from this position in 1930 due to ill health.

MISS ROSE HARGRAVE, M. A. '16, died at Madison on September 17. Miss Hargrave received her undergraduate degree at Lawrence college in 1910. She taught school in the Merrill, Wis., and the Riverside, Milwaukee, high schools and was head of the English department of the Hibbing, Minn., junior college. For the past three years she was head of the English department at Havre, Mont., junior college.

J. P. BURKE, M. A., '23, died at his home in Manitowoc on September 28. For the past ten years Mr. Burke had been History teacher and director of athletics at the Manitowoc high school.

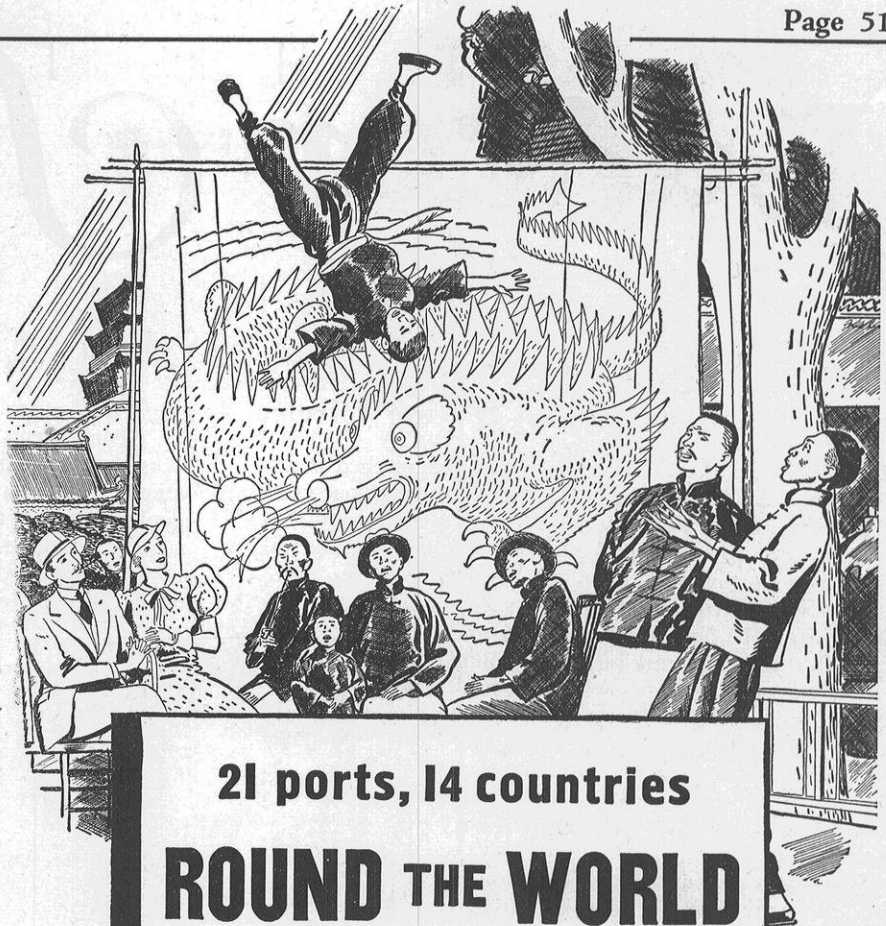
MARJORIE E. BUMPS, '25, archivist for the Burton Historical Collection in the public library at Detroit, died on September 11 at Detroit. She was formerly an assistant in the Wisconsin Historical library at Madison.

CLARENCE A. PAETOW, ex-'26, died in a Milwaukee hospital on September 29 following an operation for a ruptured appendix. Mr. Paetow has been associated with his father's business in Milwaukee for the last seven years.

MRS. WILLIAM (Adele Homan) HOVEY, '32, died in her home at San Antonio, Texas, on September 10.

ERNST KRONSHAGE, '98, died of a paralytic stroke at his home in Milwaukee on September 19. While in school Mr. Kronshage was one of the founders of the Hares-foot club and was one of the first in the state to be named to Phi Beta Kappa. He was a member of Delta Upsilon. Most of his life after college was spent doing newspaper work. He worked for many years on the old Milwaukee Free Press as dramatic editor, Sunday editor, and later managing editor. When that paper merged with The Wisconsin News, he became an editorial writer and conducted a column devoted to gossip about well known Milwaukeeans. He was one of the few men in newspaper work who wrote his copy in long hand. His interest in dramatics never waned. In 1907 he helped organize the Pabst English stock company and in 1917 the Modern Players. He is survived by his wife and three daughters. His brother, Theodore, was formerly president of the Board of Regents.

(Please turn to page 59)



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W I T H T H E Badger Sports

Johnny Walsh Brings New Enthusiasm to Boxing Circles

BOXING on the University campus has reached a new high as far as animated interest in the sport is concerned. The instigator of this new-born spirit is Johnny Walsh, recently adopted coach from St. Thomas college of St. Paul.

As the northwest Golden Gloves champion in 1932, Johnny won a trip to the Olympics, San Francisco, in the same year. He fought to the finals and lost after a heart-breaking three round battle, but continued his winning streak to capture the 1933 Golden Gloves crown in the lightweight division. Prior to these conquests, Walsh won the intercollegiate championship by virtue of three one-round knockouts, and, as he shyly states, with left hooks!

Walsh has introduced an innovation in the University boxing circles by advocating a strict scientific method of instruction. No more of this "take two to give one" theory; instead, Johnny has prescribed to his squad the advantages of counter-punching and effective blocking. Exponents of the "sock 'em and drag 'em away" policy would do well to scout this Walsh school of scientific boxing at the University quarters. Gone is the usual harvest of smashed noses and scrambled ears; in its place is the self-defense education that supplants the gory, slugging profession.

The gradual development of the less experienced candidates for "varsity" berths is a marked compliment to Coach Walsh. Novices who have entered the boxing classes are encountering the best instruction available in these parts, and no less than 40 contenders will vouch thereof. Every competing member of the squad, champion or not, is required to engage in fundamental tactics—straight left hand, chin low and eyes on the opponent. Walsh takes individual boxers to the center of the ring for brief sparring periods and corrects the defects that the other men are required to point out. The remedies will be excellent vouchers for the Badger team if and when Wisconsin meets collegiate challengers during the winter program.

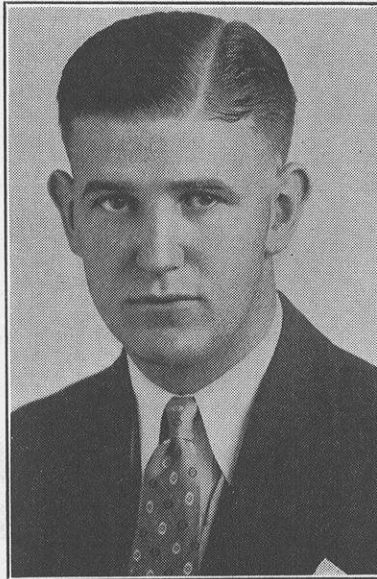
The greatest amount of enthusiasm is concentrated among the fraternities due to the wide-spread rumor that an interfraternity tournament will be held following the annual university meet in February and March. Walsh denies any definite plans for such an innovation, but the increased attendance of fraternity men at the daily workouts manifest a growing approval of the plan.

Several of the other Conference schools have been watching the success of boxing at Wisconsin with the possibility of establishing the sport in their school.

Levis Quits Athletic Post

AFTER seven years as assistant director of athletics, George Levis, '17, resigned his position on October 1 to assume a position with the Owen's-Illinois Glass co., of which his cousin is president. Mr. Levis entered the employ of the University in 1925 when George Little assumed the athletic directorship. He had formerly been in the sporting goods business in Madison.

George attended the University in the so-called "golden era" of Wisconsin basketball. He led the conference in scoring in 1916 and was elected co-captain with Harold Olson, present Ohio State coach, in 1917 when he again captured the conference scoring laurels. He coached at Carleton college for a short time after graduation until he enlisted during the World war. He was stationed at Camp Grant as athletic director and returned to Madison in 1919 to coach Madison high and to direct local playgrounds for one year. He then became basketball and baseball coach at the University of Indiana, returning to Madison in 1922 to enter the sporting goods business and to assist "Doc" Meanwell as freshman coach. Since 1927, he has served as golf coach of the University.



JOHN WALSH, BOXING COACH

R. O. T. C. Marksmen Get Increased '33 Schedule

THE University R. O. T. C. rifle team has joined the Southern Wisconsin Rifle league and will enter into its schedule of weekly shoulder-to-shoulder matches this season, Lieut. Harry L. Rogers, assistant professor of military science and instructor of the team, announced recently.

Membership in the league will mean closer cooperation between the University marksmen and their civilian fellow sportsmen in Madison and nearby towns, and consequently a greater number of shoulder-to-shoulder competitive matches.

The following rifle clubs constitute the membership of the Southern Wisconsin league: Madison, Capital City, New Glarus, Brooklyn, Lodi, Riley, Springdale, and the University team. The R. O. T. C. team is also a member of the Big Ten Rifle league, and sends a team to the annual Big Ten matches at the University of Illinois.

The first match of the season will be between the six companies of the University infantry regiment. Company "F" holds the rifle championship at present, having beaten the other companies in last year's competition. Marksmen cadets of the company have announced their intention of defending their championship with all possible skill and zeal.

Six varsity rifle team shots of last year are ready for the new season's shooting, and are expected to form a strong

nucleus for whatever new material appears on the range during the course of the season. Returned veterans are Joseph J. Peot '34, Louis J. Bohm '34, Milton G. Zurfluh '34, Paul W. Wahler '35, Norbert J. Henner '35, and Leslie L. Brackey '35.

Madison Kids Club Sends Band to Chicago Game

A GREAT big orchid is due the Madison Gyro Club's Knothole club for their splendid spirit in donating \$250 to defray the expense of the trip for the University band to the Chicago game on November 4.

The Knothole club was organized last fall by the Madison Gyros who enlisted the sympathies of the athletic department officials and secured free admission for the "knot-holders" at the football games. Four sections are set aside for them at the north end of the stadium. Any boy or girl in Madison is eligible for membership upon signing the pledge and paying the 10c dues required to defray the expense of administration of the club's affairs. This year about 2800 boys and girls took advantage of this opportunity. They pledge themselves to keep good order at the games and to remain in the sections allotted them. Since their organization in 1932, the University has had no complaints regarding the behavior of the children and they have been by far the most enthusiastic cheering section in the stadium.

Sportsmen, All!

SELDOM has a Wisconsin coach been afforded more wholehearted co-operation from newspaper men in and out of the state than has Coach Spears during the past season. Realizing as they did that Wisconsin had one of the outstanding coaches in the country at the helm of the football machine, newsmen took the long string of defeats in a most philosophical manner and did their utmost to show their readers why more could not be expected of the team. Typical of these editorials and column comments was one which appeared in the *Wisconsin State Journal* shortly before the Minnesota game. We give it to you, not as an alibi, but rather as something which will make you feel proud of the team which was glorious even in defeat.

And There Might Be a Gopher Upset

"Saturday, Wisconsin plays its final football game. On the whole, based on the pennant idea, the outcome might easily be looked upon as discouraging. The Badgers won their two intersectional games, tied their contenders for the bar of soap, and have won not a single Big Ten game. The 'wolves' might complain o' nights.

"But there isn't much sportsmanship about a 'wolf.' The 1933 Badger varsity knew itself. Every player knew he was a man, and not especially a star. Coach Dr. Clarence Spears knew that, too. With a young team, he hadn't a single strikingly outstanding man, so far developed, about whom to build plays. He simply started the season with a bunch of game, strong-hearted young men, willing to give their utmost, more proud of not weakening in the face of odds than some youngsters would have been of an easy victory.

"And to these game young fellows, Dr. Spears gave his great heart and his great skill. The game against West Virginia's giant mountaineers was a triumph not found in

the Badger's winning score. It was a triumph over a vastly heavier aggregation headed by one of America's all-stars. The loss of the Ohio game 6 to 0 was a triumph. It was not a triumph simply because we were beaten only 6 points. It was a triumph because a vastly lighter team, with no outstanding stars, coached to the minute on its plays, and willing to expend itself to utter exhaustion, met and outplayed and out-hearted one of the most formidable teams in the middle west.

"There's talk of Dr. Clarence Spears going away. Unquestionably other colleges want him, and wisely. We've not asked Dr. Spears what he's going to do about it, but we know. Nothing would tempt Dr. Spears to leave Madison at the end of a year that had been unsuccessful in the score of victories and defeats, unless it had been unsuccessful in the matter of the total expenditure of man power, the never-flinching assault, and the co-operation and good will that must exist between coach and squad to make the most of existing material.

"We compliment Coach Spears on what we believe a highly successful football year, and we compliment the Badgers upon the manhood and gameness and intelligence that have kept the heads of Wisconsin fans high in the face of the great odds of older teams and developed stars. We're proud of our courageous little football army, its equally courageous general—sportsmen, all!"

Oh! Tempora, Oh! Mores, Oh! Hell

THAT'S just about what the well-educated co-ed would say if she were told that some years ago there was quite a little tempest in a teapot about the propriety of singing, or even playing, "Cheer, cheer the gang's all here," etc. in the presence of ladies.

The song came to Madison about 1903 as a political marching song, brought by a Milwaukee delegation. The students soon took it up, and it became very popular. But the Victorians on the faculty didn't like the second line. A University Dean made a formal protest fearing for the tender co-ed's morals. The Commandant forbade the University band playing it or even starting it. The order was violated by some enthusiastic bandman, who merely sounded the first few notes. An immediate investigation was ordered in an effort to locate the guilty man.

The head of the English Department had this to say, "The song comes from the haunts of vice. A gang is defined by Webster as an association formed for a bad purpose, composed of thieves, assassins, robbers. No gentleman will sing such a song in the presence of ladies."

His thoughts were so lofty and his head so far in the clouds that he seems to have forgotten about the second line.

There is ample evidence that the worst fears of these men came to a reality for the daughters of some of the then co-eds are here on our campus today and not a few of them think nothing of using "the naughty word in the second line."

L. C. BURKE, '01,
University Librarian.

Tommy Fontaine was the high scorer of the football team this past season with 18 points. Second place was awarded by the bare margin of one point to Capt. Hal Smith, who scored seven points comprising one touchdown and one point after touchdown against Iowa. Schiller, Peterson, Fish, and Lovshin each scored one touchdown and were tied for third. Mario Pacetti was the only other member of the squad to score.

In the ALUMNI World

Class of 1880

The death of Dr. John Milton DODSON at the Hyde Park hotel in Chicago last August removed from the ranks of the class one of its most honored members. His loyalty to the University and to the class brought him to Madison in June for at least one day of Commencement week whenever possible, from the day of graduation up to our fiftieth reunion in 1930. He will be greatly missed in professional and educational circles in Chicago where he spent most of his life after leaving Madison, and where he filled many positions of trust and honor. His large circle of friends will hold him in affectionate remembrance as he had a real gift for making and retaining friends, and all who knew him realized the real sincerity and fineness of his routine. His last journey took him back to the old home in Berlin, Wisconsin, where he was lovingly laid to rest.—Annie Dinsmore Swenson.

Class of 1881

Professor and Mrs. Howard L. SMITH will spend the winter in Porto Rico. Their address is in care of the National City Bank, San Juan.—Emil BAENSCH writes: "I took a week's trip through northern Wisconsin and on the return stopped for a visit with M. J. WALLRICH, '82, at Shawano. Mike is busy with his law practices, is president of a lumber company and manages four farms, all from his office desk! Some development for the 'silver tongued orator from Kenosha.'" In October Mr. Baensch was elected by curators of the Wisconsin State Historical society to the vice presidency left vacant by the death of Barton L. PARKER, '95.

Class of 1885

Eighty-five had a class meeting in July. Four got together in sunny California and had a reunion with reminiscences galore. Jim HUTCHINSON entertained in his charming bungalow in Los Angeles, and if we had not been so impressed with ourselves (as '85 admittedly has always been) we should have found much to discuss in his storehouse of Chinese and Philippine treasures. Present were the colonel himself, Ben SMITH, Grace CLARK Conover, and George BURRALL, who was with '85 for two years but did not graduate; also two wives. Ben Smith is an old-timer in Los Angeles now, and he too has a beautiful bungalow, as witness his picture in the 1930 history. George Burrall went early to California and was associated with Howard B. Smith in banking at Colton for some time and with John W. DAVIS, who started with '85 or was it '84? Later Mr. Burrall came to Los Angeles and is still in banking. Mrs. Burrall is an expert contract player, at the head of the game in L. A. She says George plays a good game but at times gets off the reservation. If there had been time to call in Howard Smith and if Asa Briggs had deferred his western trip, it would have been a bigger and better meeting, but the four voted it a fine reunion and plan another next year.

Class of 1886

During the annual convention of the American Pharmaceutical Association held at Madison in August, a portrait of Dr. Edward KREMERS was presented to the University by former students of the doctor. Dr. Nellie Wakeman made the presentation and Dean George Sellery accepted the painting. At this convention, the Veteran Drug-gists Association of the U. S. were entertained at a dinner at the Loraine Hotel. Present were Dr. Edward KREMERS and E. G. RAEUBER, '89.

Class of 1890

Edward E. BROWNE, former Congressman who served eighteen years in the House of Representatives, has resumed the practice of law at Waupaca. His son, Tom A. BROWNE, is a member of the firm and is the third generation of lawyers in the family. The firm was established by E. L. Browne in 1853 and has continued since that time.—W. G. POTTER and Easton McNAB Potter, ex '92, have moved their residence from Evanston to Springfield, Ill. Mr. Potter is state drainage engineer with main office in the State House and branch offices at Chicago and Carbondale.—Dr. Timothy L. HARRINGTON appearing for the Educational Committee of the Medical Society of Milwaukee county gave an address on September 14 on the subject of "Tuberculosis and the Neglected Age."—Dr. Edward J. ANGLE is practicing dermatology in association with his son, Dr. E. E. Angle at 903 Sharp bldg., Lincoln, Nebr.

Class of 1893

George KRONCKE of Madison is at present Judge of Dane County Court. He has four children, all grown up, and all graduates of the University: Dorothea, '22, in New York City; Gretchen KRONCKE Botts, '24, San Jose, California; Harriet, '33, New York City, and George A., Law, '32, in Madison.—George B. INGERSOLL, who for many years has been interested in the civic affairs of Beloit, was the unanimous choice of the four majority members of the city council for the position of city manager of that city.

Class of 1894

Herman L. EKERN, his wife and daughter spent some time recently on a tour of several European countries.

Class of 1895

Frances WELLES left New York in September for a world cruise of some eight months.—Guy Stanton FORD was acting professor of history at Stanford university during the summer quarter of 1933. Mrs. Ford (Grace ELLIS, '05) and their son, Tom, accompanied him to Palo Alto. Mr. Ford spoke before the Commonwealth Club of San Francisco and the address was broadcast.—Rose C. SWART writes from Washington, D. C.: "Nothing new to report. This is an interesting and very beautiful city to live in. Its inhabitants would

be happier if they had the vote."—Max W. NOHL has been appointed municipal court judge of Milwaukee. He is the third member of '95 to assume duties as a judge in Milwaukee county. The other two are County Judge John C. KAREL and Circuit Judge Charles L. AARONS.—Spencer HAVEN, attorney in Hudson, has been elected a curator of the Wisconsin Historical society.

Class of 1896

Harry M. TRIPPE, war department district engineer stationed in Milwaukee, has been promoted to the rank of lieutenant colonel.

Class of 1897

Dr. Fay T. CLARK and Mrs. Clark, Edson R. WOLCOTT, '00 of Los Angeles, and Charles S. PEARCE, '00 of Chicago, constituting the entire class of '96 of the Sharon, Wis. High School, held a reunion at Sharon on September 16. They spent the time talking over former teachers and made calls on their former teachers, all three of whom are still living.—Fred H. CLAUSEN of Horicon has been named industrial adviser for the agricultural implement industry by the industrial advisory board of the NRA.

Class of 1898

Edessa KUNZ Lines of Milwaukee visited friends in Coronado, Calif., this summer.—Edward H. SMITH of Milwaukee, who was official court reporter and private secretary to the late Judge George Shaughnessy has been reappointed by Judge Max NOHL, '95.—Joseph E. DAVIES has been appointed financial counselor of the Republic of Santo Domingo. He bears the title of high commissioner. In January of this year, Mr. Davies made a survey of the economic and fiscal condition of the Dominican republic at the request of its president. His present position has no political significance. A large number of bonds issued by the government of Santo Domingo have to be refinanced in the United States, and he has been retained in connection with the legal and financial phases of the matter.

Class of 1899

Charles G. STANGEL, principal of Lincoln High School, Manitowoc, was elected president of the Wisconsin Teachers association for the coming year.

Class of 1900

Edward COCHEMS of Madison has been appointed one of three assistants by Dr. E. A. Fitzpatrick, state NRA director. Cochems has been doing considerable speaking throughout the state.—W. B. CLARK is head of the NRA for Yakima, Washington and the Yakima Valley.—Lewis E. MOORE has recently been engaged by the Chelsea Bridge commission to report on several proposed schemes for a new bridge between Charlestown (Boston) and Chelsea, Mass. The project involves the expenditure of upwards of a million dollars.

Class of 1901

George A. MOWRY is president of the Eastern Coalgas Burner co. at Newark, N. J. He is living at 96 Morningside road, Verona.—Sidney H. BALL is for this year President of the Mining and Metallurgical Society of America. He was recently made honorary member of the Chemical, Metallurgical and Mining Society of South Africa.

Class of 1902

Lyman E. THAYER is doing graduate work in philosophy and comparative religion at the University of Southern California. His address is 963 Magnolia ave., Los Angeles.—A. B. SAUNDERS has closed his summer home at Geneva Lake and is at home in Janesville for the winter. His daughter, Elizabeth, is continuing her studies in art at the University.—Waldemar C. WEHE was elected president of the Board of School Directors of the City of Milwaukee at the annual meeting in July. He is serving his eleventh year as a member of the board.

Class of 1903

Mr. and Mrs. Frank C. MARVIN returned recently from a month's auto tour of the west coast of California where they visited relatives and friends.—Henry J. SAUNDERS and J. S. STAAK, '04 were representatives of the Wisconsin alumni on the general committee which planned the annual Big Ten Round-up in Washington, D. C. The round-up, which celebrates the close of the football season, this year took the form of a dinner dance and was held in the Shoreham hotel on November 25.

Class of 1904

Dr. William Lloyd DAVIS has resigned as head of the Akron university economics department. He will remain in Akron and devote his attention to public lecturing, writing, and advisory work on business problems.—Asa M. ROYCE, president of Platteville State Teachers college, has been appointed a member of a national committee on financing public education. The committee will meet and report at the Cleveland convention of the department of superintendence in February.

Class of 1905

Richard A. BOALER is president of Boaler, Burchill & Dillon, 63 E. Division st., Chicago.—A. E. GUNDERSON is a missionary at the Sudan Mission, Meiganga Via Douala, Cameroun Francais, Africa.

Class of 1906

Howard C. HOPSON brought a little humor into the senate committee's banking investigation when he was called as a witness by Counsel Pecora for questioning regarding utility financing operations in which his company had been engaged. One press service described Mr. Hopson's appearance as follows: "A big boisterous ray of sunshine chased away the clouds of gloom when H. C. Hopson chuckled his way to the stand in the senate banking and currency probe. The little matter of a subpoena to produce his company's records and the scowls of Chief Counsel Pecora failed to put even a dent in the smile of the vice president of the Associated Gas and Electric co., after he was sought for weeks."—Cudworth BRYE writes that he has changed

his address back to Tamarack Farm, Litchfield, Conn., where he hopes to live the rest of his life. He has joined the staff of the Connecticut Junior Republic, which is described as "an extraordinary training school in practical citizenship for the adolescent boy who would otherwise be in danger of failing."—Guy M. JOHNSON writes from South Bend, Ind.: "Slam" Bertke, former tackle, passed through South Bend one Sunday in October and phoned my house during my absence. I would be glad to hear from any others passing the city. My address is 118 Pokagon street. Saw Dick REMP just by accident on the street last summer."—James I. BUSH has been elected vice president of the investment firm of Hammons & co., New York City.—Stanley R. LATSHAW, president of the Butterick Publishing co., New York, has been elected a director of the Audit Bureau of Circulations, representing the magazine division, and re-elected second vice president of the Bureau. Ralph Starr Butler of General Foods corp., formerly professor of business administration in the University, was re-elected third vice president of the Bureau.—Arthur STRONG has been elected president of the Kiwanis club of Dodgeville.

Class of 1907

August C. KREY, who is completing his five years as chairman of the commission on the teaching of the social sciences, has taken leave of his duties at the University of Minnesota for the fall quarter. The commission's report will cover about a dozen volumes. Mr. Krey is a joint author of one and a collaborator in another.

Class of 1908

Frank M. KENNEDY has recently been promoted to lieutenant colonel in the Air Corps, U. S. Army, and is now in command at Scott Field at Belleville, Ill.—John T. TIERNEY has been promoted from the vice presidency to the presidency of the Koppers company.—George C. MATHEWS has been named by President Roosevelt as a member of the federal trade commission. Since 1925 Mr. Mathews was director of the securities division of the Wisconsin Public Service commission, which position he resigned last summer to enter business in Chicago.

Class of 1909

Howard OHM, member of the law firm of Riley and Ohm, Madison, is the successor of Edwin E. WITTE as director of the legislative reference library.—Paul H. NYSTROM, professor of marketing in Columbia university, spent the summer as adviser to the NRA and aiding in formulating the general code of fair trade practice for the retail trades.—Next summer's 25th reunion was the subject of considerable discussion at a recent luncheon meeting of the New York Wisconsin Alumni Association. The following '09ers were present: Erich W. AUSTIN, Clarence N. JOHNSON, Charles W. LOWE, Charles L. SEARLES, and John R. SHEA.—Louis P. LOCHNER, chief of the Associated Press Bureau in Berlin, Germany, has been elected vice president of the American Club in Berlin and a director of the American Chamber of Commerce in Germany.

Class of 1910

Arthur N. GEYER is an engineer with the Woodward Governor co. He is living at

the Piedmont hotel in Seattle, Wash.—During the recent political campaign in New York City, George E. WORTHINGTON was chairman of the Wisconsin Alumni club for Joseph V. McKee for mayor.

Class of 1911

Frank B. MORRISON and Elsie BULLARD Morrison, '10, live at 315 Thurston ave., Ithaca, N. Y. They have two sons: Roger, who was graduated this summer from Cornell University at the age of 19 and who is now studying for his master's degree in geology; and Spencer, 14, who is in his third year of high school work. Morrison has been on the staff of Cornell University since 1927.—Katherine LEHMANN is teaching English in the senior high school at Wauwatosa.

Class of 1913

Major Charles P. STIVERS, after three months in command of Subdistrict No. 1, Texas District C.C.C., which included thirteen "tree army" camps in east Texas, is now at Fort Sam Houston, Texas, where he is executive officer of the third brigade.—Ralph V. BROWN, attorney in Whitewater, was appointed district attorney for Walworth county to fill the unexpired term of B. O. REYNOLDS, ex '14, who died recently. Brown is the first Democrat in 77 years to occupy the position.—A. J. JOHNSTON has been appointed president of Hickman, Williams & co., Chicago. He began working with the company as a metallurgical salesman following his graduation from the University. Subsequent promotions brought him to the position of resident manager at Chicago in 1919 and in 1929 he was made vice president in charge of the Chicago office. Since 1930 he had been assistant to the president.—Harold M. LAMPERT, former state chemist in Wisconsin, has been made manager of the carbonated beverages division of the Fauerbach Brewing co., of Madison.—The Ebert Medal, awarded annually for half a century for the best pharmaceutical research contributions, was presented at the annual meeting of the American Pharmaceutical Association in 1933 to Henry A. LANGENHAN, professor of pharmacy at the University of Washington, Seattle and Ewen Gillis, also of Washington, for their work on phytochemical analysis of hydrastis.—Douglas C. and May WALKER CORNER are living at 1720 Huntington drive, South Pasadena, Calif. Their two sons, James W. and Douglas, Jr., are both freshmen at Stanford, and both on the frosh football squad. Doug's machine, the Conway Mucker, is being used on practically all the 91 miles of tunnel on the Los Angeles aqueduct.

Class of 1914

Ben R. BRINDLEY is Pacific Coast manager of C. F. Childs & co., with offices in the Russ bldg., San Francisco.—Ray L. CUFF of Kansas City has been named to the temporary post of traffic director for the Kansas City movement of pigs to slaughter under the government bonus plan.—Walter POWELL of Atlanta, Ga., visited friends and relatives in Reedsburg in September. He stopped in Madison to look over the football squad and then went to Knoxville, Tenn., to officiate in a football game.—Kenneth F. LAYMAN writes from Smith River, Calif.: "I have visited with the following Wisconsin grads who have been in this northwestern part of California this summer: Bill SCHOENFELD, agricultural dean of the Dept. of Agriculture at Oregon

State college, Corvallis; Arnold DAHLBERG, '12, of San Francisco who is now production manager of the Golden State Milk Products co. of San Francisco; and Gustave BENKENDORF, '10, who is manager of the largest cooperative creamery in the world at Modesto, Calif. All were present at the quarterly meeting of the California Dairy council held in Crescent City in August. Schoenfeld and Benkendorf were the principal speakers. Dr. Dennis CRILE, his wife and two children visited here with me on the ranch, and Denny and his son were initiated into the ways of threshing grain. Also we tried our luck in landing a salmon at the mouth of Smith River. The Criles are now living in Altadena, at 2750 El Molino st."

Class of 1915

During the past summer, Joe MACHOTKA did a good job as superintendent of the work of assisting Chicago's unemployed make gardens on big fields outside the city limits and raise vegetables for their families. There was much to contend with for about 80% of the gardeners were amateurs and had to be given instruction. There was too much rain at first, then drought, and a terrific hailstorm, but in spite of the difficulties the men and their supervisors stayed at the task.—Wirt G. FAUST, for eight years head of the English department at Tabor academy, Mass., is teaching at Cushing academy, Asburnham, Mass.—Hugh J. JAMIESON is practicing law with an office at 55 Wall st., New York City.—Karl E. WHINNERY has been principal of the Sandusky, Ohio, High school since 1921.—P. A. RITTER writes: "Returned recently to Long Beach from a six weeks motor trip that took us back to Madison during the month of September. To Mrs. Ritter and myself, Madison still looks just as attractive and alluring as it ever did."—Dr. Victor JACOBSEN, professor of pathology at Albany Medical college, N. Y., has been appointed to the Board of Editors of the Archives of Pathology.

Class of 1916

Janet Huston was born on March 31, 1933, so in order to take care of the increased overhead, her father, Harold HUSTON, opened his own office under the name of Harold H. Huston & co., to do a general investment business. New child and new firm are doing well to date.—Edith SHARKEY Bohn writes: "Just as a matter of curiosity, Georgia Bohn wishes to know if any other sons or daughters of '16ers will join her in the class of '39."—J. Rodney SWETTING says: "I have this summer returned to the home of my parents in Berlin, Wis., after spending three years at River Pines Sanatorium, Stevens Point, for the care and treatment of tuberculosis. I will remain in Berlin until able to resume my work, possibly in another 6 to 9 months."

Class of 1917

Mary DUPUY Bickel won first place in Liberty's \$10,000 contest for a novel to be run as a serial in that magazine. The title of her novel, which won over 6,000 entrants in the contest, is "Brassbound." She and John BICKEL, '16, and their two daughters live in East Orange, where Mrs. Bickel is a contract bridge expert.—Wilfred EVANS is the owner of the W. Evans co., wrapping paper concern in Kansas City, Mo.

Class of 1918

Russell A. TECKEMEYER is now resident manager of the Madison office of Shields & co., members of the New York Stock exchange.—Eve T. KNOWER is proprietor of the Bayberry house, 71 S. Willard st., Burlington, Vt.—Brooks L. CONLEY is chief engineer with the Sunlight Electrical Mfg. co. at Warren, Ohio.

Class of 1919

Dr. Ann WHELAN Arnold and her husband, Dr. Duma C. Arnold, are practicing physicians and surgeons in the Medical Arts bldg., Minneapolis.

Class of 1920

Gertrude WEBER has been transferred from Chicago to Roanoke, Va., where she is employed as secretary to the president of the Roanoke Gas Light co.—Alice M. DAY has been critically ill for several months, a nervous breakdown caused by overwork at Columbia, and she is now in a sanitarium facing a long, slow convalescence.—Alice KIRK has resigned her position with the National Girl Scout organization to become manager of European travel tours for girls. She had been regional director for the Great Lakes region of Girl Scouts for the past seven years.—John A. ANDERSON is an assistant professor of bacteriology at Rutgers University, New Brunswick, N. J.

Class of 1921

Neil H. RUDIE has been appointed supervisor of schools in Vernon county, Wis.—Mary KNIGHT Howell writes: "After five years of traipsing about Michigan while Jimmy helped build roads and bridges for the State Highway department, our address is again Box 35, Essexville, Mich. Jimmy is once more assistant superintendent of the Bay City plant of the Michigan Sugar company. Our family now consists of Billy, Debby Ann, and Betsy Ruth (twins) and the baby, Eddie."—Katharine WILSON has been appointed as nurse in charge of the Health center at Evanston, Ill., a branch of the Chicago Tuberculosis institute.—A simple laboratory method which tells accurately what residual effect a mixed fertilizer will have in the soil has been found by W. H. PIERRE, soils scientist at West Virginia university. The method is regarded by men in this profession as one of the outstanding current contributions to the fertilizer industry.—Fred KELLOGG was elected Grand Beta, which corresponds to first vice president, of Phi Kappa Sigma fraternity at the annual convention in Chicago in September.—Wilbur SEUBERT writes from Sioux City, Iowa: "I have been teaching here for the past eleven years. In addition I have a practical avocation during the summer time, tree surgery. This is an interesting outdoor business and might be suggested to other teachers as a summer supplement to their regular incomes. I am chairman of the Tree Contest conducted each year by the Sioux City Garden Club, the object of which is to make Sioux City more beautiful. On April 14 I had the misfortune to lose my wife. I have one son, age 5."—Curtis F. NESTE is a salesman with the Aluminum Goods Mfg. co., with headquarters at the Hotel Multnomah, Portland, Ore.—William H. BORDEN has resigned his position at Platteville State Teachers college and is working in the office of the Public Service commission in Madison.—Clarence J. JUNG is treasurer of

the National Wood Products co. of Milwaukee.—Adelbert GERHARDT is an efficiency engineer in Hyde Park, Mass.—Julius L. WENSTADT is with the Wenstadt Fuel & Supply co. at Oshkosh.

Class of 1922

John DOLLARD, of the Institute of Human Relations at Yale university, was in Madison during the summer, visiting relatives and friends.—Milton A. FISCHER continues to be occupied with his duties as supervising principal of the schools in Dodgeville.—Lester C. WEISSE, who has been practicing law in Sheboygan and at the same time teaching in the high school, has resigned as a teacher and is concentrating his efforts on his duties as an attorney.—Katherine CHAPMAN is teaching English at Platteville State Teachers college.—J. Stuart HAMILTON has been appointed associate in journalism at the School of Journalism at Columbia university and is in charge of the course in newspaper reporting. He is the first graduate of another school of journalism to be appointed to the faculty of the Columbia school.—Lucile ZANDER Uspensky writes: "I spent October in Wisconsin on a 'color tour' from California, where they just can't compete in the matter of autumn gorgeousness with the good old Badger state. Every fall I get homesick for Wisconsin, so this time I just packed up and went back. And Wisconsin was even better than my cherished remembrance of her. I have been in California for four years. My husband is a member of the faculty at Stanford University. I'd like to hear from old friends whose addresses I've lost. My address is 510 Bowdoin st., Palo Alto, Calif."—Isadore E. COWARD is doing graduate work at the University of Minnesota. She is living at 628 University ave., S. E., Minneapolis.—Esther M. BURKE is head technician at the City Hospital in Indianapolis.—Donald M. BAILEY is an accountant with S. D. Leidesdorf & co., New York City.

Class of 1923

Howard E. JAMISON is the acting editor of the *Milk Producers Review*, issued by the Interstate Milk Producers association of Philadelphia.—On last Memorial Day, John ROBERTS was matched with Gene Sarazen in a golf match at the opening of the new country club at Middletown, Ohio, where John and Sada BUCKMASTER Roberts live, and where John has become famous as a golfer in his spare time from his job as engineer at the U. S. Steel Rolling mills.—Julia A. LINGENFELDER has left Lyons, N. J., and is now stationed at the Veterans Administration Facility, Hines, Ill.—Roy L. FRENCH writes: "You didn't know it, but Mrs. French and I took summer work and thus helped Dean Goodnight keep his accounts out of the red. It seemed like old times to find the legislative committee with a perfectly straight face trying to investigate communism among the students and really discovering that not every young man enjoyed military drill. What a cheerless place the world would be, especially the Madison world, if it were not for the men on the other hill. Dr. Louis Wann, of the U. S. C. department of English, spent last year in Europe and is back at work this year. He is an alumnus, and I suppose he had the usual thrilling time sliding down the European hill with the American dollar, but I haven't had an opportunity to ask him as yet."—Oscar E. KIESLING, pro tem chief economist of the mineral statis-

tics division of the bureau of mines, was one of two Wisconsin men appointed to the Central statistical board which was established by executive order to appraise and advise upon all schedules of all government agencies engaged in the primary collection of statistics required in carrying out the national industrial recovery act.—Joe and Esther LINDSTEN Hook, '22, of River Forest, announce the arrival of Joe, Jr., at 9:30 A. M., Monday, October 9, at the Chicago Memorial hospital. As Mrs. Hook attended the Wisconsin-Marquette game at Madison on October 7 with Mr. Hook, they have high hopes that their son may prove to be a future football luminary at the University.—Corrington GILL is in charge of the census of the unemployed being conducted by the Federal Emergency Relief administration in an effort to obtain vital information necessary to guide national planning for more nearly adequate relief. The census is being made on the basis of the number receiving relief during the month of October, and the more than 4,000,000 records are expected to be completed in time to make summarized information from them available by January 1.—Orville W. FEHLHABER, who has been practicing law in Wausau, has been appointed court commissioner for the western district of Wisconsin.—Frederick C. GREENWOOD is assistant cashier of Greenwood's State bank at Lake Mills. The bank has been under the management of the Greenwood family for fifty years, and on October 21 celebrated its fiftieth anniversary of service and progress under the same management.—William A. GLUESING became famous during the summer as the man who created the General Electric House of Magic, the most outstanding single exhibit on the grounds of the Century of Progress exposition in Chicago.—Lloyd H. BRANKS is head clerk of the Bureau of Street Sanitation in Milwaukee. He is living at 2920 N. 83rd st.—Wilson D. TRUEBLOOD is a sales engineer with Leeds & Northrup co., Chicago.—Ruth Fuller is in the trust department of the Chicago Title & Trust co., Chicago.—Joseph SILVERNESS is assistant cashier of the First National Bank at Mondovi. Julia WHELAN Silverness, '19, is president of the Mondovi Women's Club.—Mitchell GORROW is a resident engineer with the Wisconsin-Michigan Power co., at Iron Mountain, Mich. He and Dorothy VAN METER GORROW, ex '24, are living at 641 Detroit st., Iron Mountain.—J. Forrest CRAWFORD is still teaching at the American University, Beirut, Syria.

Class of 1924

William E. OUWENEEL writes from Terre Haute, Ind.: "There are three of us of '24 here at the Commercial Solvents Corporation: Hugh R. STILES, research bacteriologist; Kenneth J. KING, engineer; and myself, as superintendent of the derivatives plant."—Carl E. SWARTZ, working with another scientist in research conducted for the American Smelting and Refining co., has discovered that cadmium substituted for tin in babbitt can be used for bearings that will operate satisfactorily at temperatures up to 570 degrees Fahrenheit. Cadmium is a metal well known to scientists, but up to the time of this discovery, had little or no common use.—John MONTIETH, Jr., Ph. D., who was at one time connected with the staff of the College of Agriculture at the University, is now in charge of the golf turf experiment station of the U. S. Golf Association Green section. Mr. Montieth is now on a tour of inspection of the

Pacific Coast golf courses. While visiting the LaGrande, Oregon, golf course, he was the guest of Lesley K. KINZEL, ex '20. Mr. and Mrs. Montieth ("Bunny" GLEERUP, '21) live in Washington, D. C.—Dr. Floyd C. GALLAGHER has opened a new dental office at 1253 Williamson st., Madison.—Dorothy A. SISSON is teaching geography for the third year in the Glenridge school at Clayton, Mo.—Gerald JENNY writes: "My duties, after four years as editor of the College of Agriculture and Experiment station, have been increased to include the work of University Editor at West Virginia University."—Royal E. COATES is an engineer with the General Electric co. at Pittsfield, Mass.—George M. KEITH is a statistician with the Wisconsin Tax commission in Madison. He and Marjory CORDY Keith, '28, are living at 325 W. Main st.—Ramona BURCH MacCallum is living at 10346 Rochester ave., Los Angeles.—Chester O. NEWLUN is on the faculty of the Department of Teacher Training at the University of Oklahoma, Norman.

Class of 1925

Hal J. BENTSEN is working for the Bogalusa Paper co., at Bogalusa, La.—Curtis BILLINGS had an article in the October *Atlantic Monthly* on Traffic Crimes and Criminals. He is on the staff of the Public Safety division of the National Safety council.—Horace S. FRIES is an assistant professor of philosophy at Lawrence college, Appleton.—Mabel McDONALD has left Two Rivers and is teaching English in the Longfellow Junior High school at Wauwatosa.—Gordon CARLIN is teaching Latin and French in the high school at Wauwatosa.—Layton R. HARMS is a salesman with the Worden-Allen co. of Milwaukee.—Willard HOLMES is selling display material for the Poster Products co., Inc., of Chicago.

Class of 1926

Nelson D. CONNERS, field representative for the University Extension division in Milwaukee, was a candidate for the secretaryship of the Wisconsin State Teachers association. O. H. PLENZKE, M. A., '24, assistant superintendent of public instruction, won the nomination.—Dr. John W. POWELL, formerly of Chicago, is now in San Francisco, where he is associated with Dr. Alexander Meikeljohn in a new educational experiment. Mrs. Powell was Harriet MORGAN, ex '30.—Milo TESKA is continuing his work as a teacher of civics and history in the high school at Beloit.—Lorenz H. RISTOW, who for the past several years has been connected with the Greyhound lines, has been named to the executive position of general traffic manager for all lines east of Chicago and St. Louis and north of Louisville and Washington, D. C. In his new position, he will have jurisdiction over all traffic matters for the largest unit of Greyhound lines, and he is responsible for all schedules, rates, sales and advertising, with approximately 200 employees directly under him.—James VERNER writes: "Although it is quite late to report, Mrs. Verner and I announce the arrival of a daughter, Mary S., on November 10, 1932."—William E. HOFFMAN writes: "I am serving as superintendent of the city schools in Mahanomen, Minn., for the eighth term. I spent the summer traveling in the eastern part of the country."—Dr. Otto S. BLUM has opened an office for the practice of medicine in Albany, Wis.—Russell H. REED is an instructor in agricultural engineering at the University of Illinois.

Class of 1927

Olive LARSON is a dietician at the Presbyterian hospital in Philadelphia.—Marcia RUPRECHT Steel has passed the Oklahoma medical board examination and she may now practice medicine in that state. Her husband, Dr. Homer A. Ruprecht, is a practicing physician in Tulsa.—Dan VORNHOLT has opened a studio for voice training in Madison. He has spent considerable time in special study with Prochowski, whose students have included Galli-Curci and Tito Schipa, and he has adopted many of the methods of his teacher.—William F. PRICE, principal of the Richland County normal school, has been very successful in conducting tours during the past two years. Last year he took two groups to Washington, and this year over a hundred persons spent several enjoyable days at the Fair in Chicago under his charge.—Ernestine LONG writes: "I'm writing a chemistry work book. Also helped in the encephalitis epidemic here in St. Louis this summer."—After leaving the University Dave MILLER organized a band and took it to the Orient for a year, where he played in every country, including China. Recently he has been playing in Milwaukee theaters, and he set some kind of a record when he was headlined at the Riverside theater for more than ten weeks.—Ramona HARTWIG Hunt is assistant to the merchandise manager of Stukenberg & Borchers, Freeport, Ill.—Walter A. MUEGGE is an assistant water power engineer for the state of Wisconsin. He is living at 656 Crandall ave., Madison.—Philip McCURDY is an auditor with the Wisconsin Tax Commission in Milwaukee.—William GAMBLE, Jr., is the director of sales of Yawkey-Bissell Lumber co. at White Lake, Wis.—Duane KIPP, formerly editor of the *Alumni Magazine* and now with the Wisconsin Conservation commission, has recovered from a nervous breakdown which confined him to his home for several months recently.

Class of 1928

Margaret A. NELSON is teaching geometry and geography in the high school at Algoma.—Rae FRAZER is in charge of physiotherapy at the Hazelton Orthopedic school in Flint, Mich.—Margaret DALE Wood is administering relief with the Genesee County Emergency Relief commission at Flint, Mich., where her husband is connected with the local office of the Western Adjustment and Inspection co.—Rollie BARNUM has been assisting "Butch" LEITL, '27, coach football at Platteville State Teachers college.—Dr. John M. WELSCH has opened an office for the practice of medicine in Beaver Dam.—Dr. Paul GOLLEY is the physician in charge of women patients at the State Hospital for Nervous and Mental diseases at Mendota. Mrs. Golley was Dean WILLETT.—Lorraine HEBL writes from Woodrider, Ill.: "I insist my five years at the Shell Petroleum Corporation's laboratory here qualify me for the title of Old Timer, compared with George STETON, '30, who has been working with me since early last summer, and Jerry LOFY, '31, who recently joined our Industrial Relations department."—John ALCOTT who spent the summer studying art in Europe, has joined the faculty of the Lake Forest academy and the Chicago School of Sculpture.

Class of 1929

Henry J. TRANMAL writes: "Am still with the Bowman Dairy company and en-

joy my work very much. We are continuing putting up the milk of superior flavor in spite of the depression. Call in for a visit and a good drink of milk." He is living at 2015 Orrington ave., Evanston.—Bernice LOTWIN, who for a time was a legal staff member in the Wisconsin department of agriculture and markets, has been assisting Donald Richberg, chief counsel of the NRA administration in Washington.—Irene STENZ Sherman writes: "My husband, Charles SHERMAN, ex '28, and I spent our vacation in Wisconsin this summer for the first time in three years. We visited our families in Madison and New Richmond and "took in" the Fair on our way back to Boston."—Ann ORR, who has been teaching in the Madison Vocational school, has been appointed assistant secretary of the Wisconsin Public Service commission. During the past summer she presented the first radio typewriting course given in this country over WHA, the University station.—Dr. and Mrs. James B. OVERTON (Isabel AMES) have left Baltimore and are living in Evansville, Ind., where Dr. Overton is house physician at the state hospital.—Margaret SEIDL Rehder, who was married on June 19 to Dr. Ray Rehder, writes from Milwaukee: "I am doing x-ray technician work here at Columbia hospital where my husband is an interne."—Peg FOSSE has been teaching physical education in Stoughton since her graduation from the University. This year, in addition to her other duties, she has assumed the position of school nurse.—William E. KRUEGER has become a law partner of Leonard F. Schmitt, district attorney in Merrill.—Ruth MCCARTAN Morrey has taken over supervision of the work of the Children's Home and Aid society of Wisconsin in Grant county, Wisconsin. She joined the state group following her graduation from the University and she has worked in practically every county in which the society is active.—Lewis J. CHARLES has opened a law office in the Finsterwalder building, Rice Lake.—Viola FRIED is librarian in the high school at Cudahy, Wis.—Cecilia ANDERSON has been elected president of the newly organized alumnae club of Pi Lambda Theta for Northern California. Cecilia received her M. A. degree at the University of California in May of this year.—Harry SOMERVILLE is an electrical engineer and service representative with the RCA Victor co. in Denver.—Eugene R. HERING, first lieutenant in the U. S. Navy Medical Corps is stationed on board the U. S. S. Saratoga at Long Beach, Calif.—George F. DRAKE is a salesman with the Midland Press with headquarters in Okeo, Wis.—Howard MILLER has begun his fifth year as a teacher of history and civics in the Lincoln Junior High school at Beloit.—A. P. ENGBRETSON is the Minneapolis supervisor of magazine carriers for the Pictorial Review co. He and Florence POLLOCK Engbretson are living at 4628 Bloomington ave.—John RUHOFF is a research assistant at Harvard university.

Class of 1930

Lehman AARON is a legal advisor in the federal farm credit administration at Washington. He has assisted in drafting some of the contract forms used by the farm credit organization.—Carl BUSS has a position as radio advertising continuity writer in the NBC studios in Chicago. For a time after graduating from the University he adapted University plays for broadcasting over WIBA, Madison station. His master's thesis was an investigation into the

problems of writing and producing radio plays.—Charlotte CAMPION is studying at the National Catholic School of Social Service, Washington, under the annual scholarship given by the Daughters of Isabella in Wisconsin.—Dr. H. O. LATHROP, Ph.D., has resigned his position at Whitewater State Teachers college and is now a professor in the geography department at Normal, Ill.—Howard KELSEY and Gilbert ROTTMAN, '31 are directing the boys' department at the Neighborhood house in Madison—Milford COWLEY received his Ph.D. last June and is now teaching chemistry at La Crosse State Teachers college.—Sidney SCHAFER has returned to Madison after three years spent in northeast Rhodesia, Africa, where he worked for the British South African co. as a prospector. During his service as a prospector he did a great deal of hunting as a part of the day's work for 25 to 30 porters eat a lot of meat. He killed several elephants, several rhino, and quantities of smaller game.—A. C. BARTNESS, county agent of Adams county, since graduating from the University, has been appointed an appraiser with the Federal Land bank of St. Paul.—William OLSON has opened an office in Greenwood for the practice of medicine, surgery, and obstetrics.—Maurice SAYRE is directing the music and teaching social science in the high school at Whitewater.—Harold J. KINNEY is working for the Atlantic Refining Co. in Philadelphia.—Robert W. FAIRWEATHER is working with the research group in the Bell Telephone laboratories.—Bernice ROSEBURG is taking graduate work at the School of Social Service Administration at the University of Chicago.—Blanch SAY Warren is living in Rensselaer, Pa.—Edna CARLSON is the supervisor of music in the schools of Dodgeville.—Seymour M. KORMAN is in the editorial department of the Chicago Tribune.—Raymond SIMENSON is a physician and surgeon in Valders, Wis.—John P. SWANSON has a position in the National City Bank, New York.—Dr. Francis H. MCGOVERN is now resident physician in eye, ear, nose and throat at the University hospital, University of Virginia.

Class of 1931

Kenneth MAGEE spent the past summer on soil erosion control at Darlington, Wis. On November 1 he was transferred to the St. Paul office of the Army engineers for work on the Mississippi river.—Harry POLLOCK has opened a music studio in Madison.—Joe KRESKY is playing professional football with the Philadelphia pro team.—Russell L. MOBERLY is the band and orchestra director at the high school in Evansville, Wis.—Milton MEISTER has opened his own law office in West Bend.—Ruth DYRUD is now head of the Department of Art at the University of Alabama, University. Last year she taught in Colby Junior college, New London, N. H. She writes: "There are several other Wisconsin people at the University. On the staff are Professor Clarence CASON, M.A. '25, T. Earle JOHNSON, James O. FOLEY, Ph.D. '25, E. Baskin WRIGHT, M.A. '29, and Marcus WHITMAN, M.A."—James D. COBINE received an assistantship in the Electrical Engineering department of the California Institute of Technology for the year 1933-34, where he is continuing his research and advanced studies.—Vernon GOLDSWORTHY has been appointed manager of the Wisconsin Cranberry Sales Co. office at Wisconsin Rapids. Last year he taught sciences at the Prairie du Sac High school and did

some of the coaching.—Alice OCHSNER Kieweg writes: "We have been very fortunate in meeting many Wisconsin alumni here in Terre Haute. I see a good deal of Elizabeth MILKS, '28, whose greatest interest is her Scotty just now. We both spent a day in Indianapolis recently with Katherine DORGAN Kiefer, '28. Among the other Wisconsin grads I have met are Dr. and Mrs. Hugh STILES, Stuart SCOTT, Fred ARSBERGER, Dr. O. R. BRUNKOW, and Dr. and Mrs. PRUESS, all with Commercial Solvents Corporation."—Hugh, L. HEMMINGWAY is employed in the laboratory of the Ashland Refining co. at Ashland, Ky. His address is Box 466, Catlettsburg, Ky.—David S. MAZUR has opened a men's and boys' ready to wear clothing store in Madison.—M. W. SWANSON has a new position as advertising manager of the Hirsch Brothers Dry Goods co. in St. Joseph, Mo.—Dr. Ira W. STAM is head of the department of education and psychology at Northern Montana college, Havre, Mont.—Floyd ATHERTON, attorney in Oshkosh, is being mentioned as a Progressive candidate for the state senate for the 19th senatorial district.—Mida QUINLAN is teaching in the high school at Ladysmith.—Maurice LOWELL is a member of Eva La Galliene's New York civic repertory company which left New York recently on a 20-week tour.—Muriel PREBLES is teaching in the high school at Medford.—J. Lewis HENDERSON has been named information agent of the Federal Land Bank at New Orleans.—Eleanor LUTZ is teaching physical education and mathematics in the high school at Minoa, N. Y.—Beatrice A. MCKELLAR is taking a course in nursing at Johns Hopkins hospital, Baltimore.—De Vere ROWAN is an auditor with the Wisconsin Tax commission.—Loretta MIDDELDORF is the office secretary of the Visiting Nurses association at Beloit.—Robert RAMSEY is doing graduate work at the Montana School of Mines, Butte.—Harold F. MOOR has been appointed principal of the high school at Mazomanie. In addition he is teaching science and directing the band.—John TROXELL, Ph. D., is labor advisor at NRA headquarters in Washington. He has been handling the labor problems in connection with agricultural codes which come to NRA from the agricultural adjustment administration.—Ray PAVLAK is teaching agriculture and junior business training at the high school in Dodgeville.—Roland J. BLANK is an accountant with A. Anderson & Co., Chicago. He is living at 4345 Princeton ave.—Paul H. CASSIDY is an instructor in the Milwaukee Vocational school.—Dorothy N. HUBBARD is managing a beauty shop at Beaver Dam.—Elizabeth AUSTIN is doing social work with the Children's Bureau in Toledo.

Class of 1932

Samuel J. GILBERT, M. S., Wisconsin crop statistician, has been named one of twelve men to serve on the national wheat review board which will check the half million or more acreage reduction contracts.—Gertrude ULRICH is teaching home economics at Crandon.—Edwin J. BERNET is serving as assistant to Professor Joel Stebbins, director of the Washburn observatory at the University.—Louis FRIEDLAND obtained an M. A. from the University of Cincinnati in June and at present he is working for a Ph. D. degree. He was appointed placement counsellor at the State-City Employment Bureau of Cincinnati by City Manager C. A. Dykstra.—Marie V. CONLEY has been teaching in the Bay View High school, Milwaukee, since her gradu-

ation from the University.—Eleanore SAUER is teaching English, German and dramatics in the high school at Park Falls.—LaVern GILBERTSON is enrolled at the Institute of Paper Chemistry in Appleton.—Bill SNOEY-ENBOS is attending the University of Washington, Seattle. He secured his master's degree at the University of Florida and is now working on his doctor's degree.—Katharine TRUMBULL writes: "I spent the summer at the Fair and on Washington Island, Wis., with friends. Am now instructor in physical education at Teachers college, Colorado.—A De Soto salesman in Madison recently demonstrated a De Soto to Dayton F. PAULS. He turned on the radio in the car to demonstrate how well it worked. The very first sound which came from the radio was the words: "Before you buy, try a new Ford."—Beatrice WING is the dietitian at the Misericordia hospital, Milwaukee.—Clifford CURRAN is practicing law in Kenosha.—Agnes MEAGHER appeared on the program of the Northwestern and Western Wisconsin Teachers association which met in La Crosse in October. Her address was "Pedagogical Methods for Teaching the Retarded child." She is teaching in the Development school in Eau Claire.—Martha KONZ is teaching physical education in the John Marshall High school, Cleveland. Majorie STANLEY is handling the same type of work at West High school in that city.—Ray O. HARB resigned his position as supervisor with Hommel Bros. chain store operators in Madison to accept a position as assistant sales manager for the Madison branch of the Kroger Grocery and Baking co.—Herman HAGSTAD is in private practice as a member of the Starbuck Engineering co. at Starbuck, Minn. He writes that he has been busy ever since leaving school.—Hetty EISING has begun her second year as a teacher of physical education in the high school at Beloit.—Helen LAUGHTON is teaching social science in the high school at Delavan.—Edward VOGT writes: "I am at present connected with a Pacific Coast wholesale candy company. Traveling between San Francisco and Seattle and finding that things are just as tough out here as they are any place else."—John L. THOMPSON is selling insurance with Kledor & Thompson in Marion, Ind.—Eloise M. BLAKESLEY is an instructor in the recreation department of the City of Los Angeles.—Raymond NEDDEN is teaching science and junior business training in the high school at Dodgeville.—David GOODNOUGH is in the circulation department of the *Syracuse (N.Y.) Herald*.—William F. CANFIELD is assistant manager of the Wisconsin Press association, Madison. He and Evelyn VOGE Canfield are living at 445 W. Gilman st.—Herbert E. KAEDING is with the Kelvinator co. in San Bernardino, Calif.—Vera E. BLOCK is a medical social worker at the University of Chicago Clinic. She is living at 1424 E. 58th st.—Gertrude SCHOLTZ has begun her second year as head of the foreign language department at the Rhineland High school. In addition she is teaching one class in English.

Class of 1933

Luzern LIVINGSTON, Ph. D., has a National Research Council Fellowship at Harvard this year. He is continuing his work on the translocation of virus diseases of plants.—Ann BAIRD is teaching seventh and eighth grade in Fox Lake, Wis.—Charles MACOMBER has opened a law office in New Lisbon.—Walter JOHN, Carl H. KRIEGER, and Charles MOHAUPT spent the

summer on a trip through the west. While in Colorado they climbed Pike's peak, a feat which took them seven hours ascending and four hours descending.—Edmond S. BROWN is directing the physical education work for boys in the schools of Monroe.—Herbert KAKUSKE has been appointed athletic director and football and basketball coach at Montana State Normal college, Dillon.—Robert N. COOL left Madison in September for London where he planned to join the crew of the square rigged bark, "Parma," for a ten months voyage to Australia. The Parma, one of the last fleet of windjammers on the sea, makes an annual voyage from Europe to Australia for wheat. In London, however, Cool was slightly injured in a deck accident and was prevented from sailing for Australia.—Guy D'ORAZIO is teaching history, typing and social problems in Dorchester, Wis.—Earl E. LAWSON spent the summer assisting with the pharmacy display at the World's Fair.—David PHILLIPS has opened a law office in the U. S. National Bank bldg., Kenosha.—Helen LAURGAARD is a librarian at the Oregon State library, Salem. Hattie LONG has a similar position.—Mr. and Mrs. Oliver DONKLE (Emily BURGENSEKE, '31) are living at 617 N. 20th st., Milwaukee. Oliver is a senior in the dental school at Marquette university. He took his pre-dental studies at the University.—Everett BAKER and his wife set a new fashion in entertaining when they drove their house-on-wheels to Madison recently for a week-end progressive house party. The new idea began with written invitations to friends to be at home at a certain hour, at which time the hosts called with their house and entertained them for half an hour with refreshments and conversation in their traveling home. When they were married this past June, the Bakers decided to go on a rambling tour of the country, giving performances wherever they could find a hall and staying on the road as long as they cared to. And so they built a trailer containing all the comforts of home. The trailer, on two wheels, contains running water, an ice box, radio, bath tub concealed under the floor, davenport berths, stove, clothes closet, and a phone by which Mrs. Baker may communicate with her husband as he drives in the truck ahead.—Emery C. BAINBRIDGE has been appointed principal of the school at Mifflin, Wis.—Carl AMUNDSON and Vernon GONGOL are on the faculty of the high school in Rhineland. Carl is teaching science, and Vernon junior high school science.—Celia HAUCK is the librarian at the Gilbert M. SIMMONS Lincoln Branch library at Kenosha.—Janet DEAN is continuing her work in speech correction and phonetics at the University of London.—Marion CARD is working for her father, W. W. Card, public accountant in La Crosse. Her home address is 423 S. 14th st.—Frank W. CONNOR, Jr., was on the staff of the Washington Bureau of the United Press during the summer.—Pearl N. SUTTON handled the publicity for the Wisconsin state exhibit at the Century of Progress Exposition in Chicago.—Thomas HAMILTON is teaching agriculture in the high school at Belmont, and Vernon HENDRICKSON has charge of the agriculture department of the Amery High school.—Virginia HOVEY and Edith REYNOLDS are working at Marshall Fields, Chicago.—Margaret DEWAR spent the summer as general stewardess at Camp Indianola, across Lake Mendota.—Betty GLASSNER is in the personnel department of Schusters, Milwaukee.

Deaths

(Continued from page 51)

BENONI O. REYNOLDS, ex-14, dropped dead in his office in Elkhorn, Wis., on September 17. Mr. Reynolds was the first full-time district attorney of Walworth county and during the short time he had been in office—since last November—he had built himself an enviable reputation as an able and fearless prosecutor. He recently did exceptional work in the round-up of the notorious Touhy gang near Elkhorn, Wis. Mr. Reynolds received his law degree from the North Carolina law school and practiced a number of years in Montana before coming to Wisconsin.

CHARLES ROHR, '23, attorney in Burlington, Wis., died at his home on July 8 after an illness of three weeks. Mr. Rohr took his undergraduate work at Beloit and Oberlin colleges. He served with the medical corps during the World War and maintained an active interest in the affairs of the O.R.C. and the American Legion. He is survived by his widow, Dorothy HAHN Rohr, ex-'23, and four children.

CHARLES V. NEVINS, ex-'24, principal of an Oshkosh, Wis., high school since 1902, died at his home on August 18. He was 63 years old. Altho Mr. Nevins never took his degree from the University, he attended many summer sessions to keep abreast with the times and to improve his ability as a teacher. He began teaching in rural schools in 1889, and when he moved to Oshkosh in 1894 he took a teachers course at the state normal school there.

HENRY L. RICE, ex-'26, died on October 25, 1932, at the home of his brother, Rev. William Rice, in Blue Earth, Minn. He had been ill since leaving college.

COLLINS FOLLETTE, ex-'28, died in a Green Bay, Wis., hospital on July 1 from injuries received in an automobile accident. He lived in Allouez, Wis., and is survived by his widow, Mary Davis Follette.

GEORGE VITS, JR., ex-'30, shot and killed himself on June 22 at Salt Lake City. No motive could be given for the act. He was the adopted son of George Vits, president of the Aluminum Goods Mfg. Co.

RAY RANSOM, ex-'33, committed suicide at the state hospital at Mendota on June 26.

RALPH ODBERT, ex-'33, died at his home in Sturgeon Bay, Wis., as the result of a broken neck, sustained while diving in shallow water in a municipal pool.

!! WANTED !!

Your editor has been authorized by our readers to offer one hearty vote of thanks to the alumnus who sends in a news item about himself or his classmates.

Start on the trail of the culprit, Mr. Missing Alumnus, and send us news of his whereabouts.

Reward!

Reward!

This and That ABOUT THE FACULTY

DR. *FREDERICK E. TURNEAURE*, dean of the college of engineering, was made an honorary member of the American Society of Civil Engineers by vote of the directors of the society on September 26. Dean Turneure is the second Wisconsin engineering teacher to be so honored, Dr. Daniel W. Mead having received the award in 1931.

Honorary members, according to the constitution of the society, "shall be chosen only from persons of acknowledged eminence in some branch of engineering or the sciences related thereto." The honor is sparingly granted as there are only 19 honorary members in a total membership of over fifteen thousand. Dean Turneure is recognized, not only in the United States but throughout the world, as an authority in the field of structural engineering.

DR. *EDWARD KREMERS*, director of the department of Pharmacy and for 50 years a University faculty member, was elected honorary president of the American Pharmaceutical association at a meeting of the house of delegates recently.



PROF. J. B. KOMMERS

THE RESULTS of a four-year investigation into the fatigue properties of brass, made by Professor Jesse B. C. Kommers of the College of Engineering, have just been published as bulletin No. 76 of the Engineering Experiment Station Series under the title of "The Static and Fatigue Properties of Brass." A summary of the results was presented to the American Society for Testing Materials at the annual convention in June, 1930.

The tests were made by bending brass bars back and forth until they failed. A total of 199 bars were tested in this manner, and each bar was bent from ten million to fifty million times. This tremendous number of stress reversals was made possible by the use of a machine designed for that service.

Prof. Kommers made the tests personally during the period from 1926 to 1930. Prof. Roland Ragatz of the College of Engineering made the metallographic examinations and prepared the micrographs that illustrate the bulletin.

PROF. *V. C. FINCH*, chairman of the department of geography, was one of the alumni of Kalamazoo college to receive an honorary degree on October 13. Dr. and Mrs. Finch graduated with the class of 1908. He also took a bachelor of science degree at Chicago university, and a Ph. D. in geography at Wisconsin, where he has taught 22 years. The event was the 100th anniversary of the founding of Kalamazoo college and was an occasion of no small significance. Ten honorary degrees were conferred. Prof. Finch received the degree of doctor of science. Among the others who received honorary degrees was Prof. O. J. Campbell, formerly of the English department of the Uni-

versity of Wisconsin and now professor of English at the University of Michigan.

DR. *W. H. TWENHOFEL*, professor of geology, was elected chairman of the Tri-State Geological Field conference for 1934, when the meetings will be held in Wisconsin, at a recent meeting of 60 Wisconsin, Iowa and Illinois geologists at La Salle, Ill. Other members of the Wisconsin department who attended the conference were F. T. Thwaites, G. O. Raasch, S. A. Tyler, L. H. Whiting, and C. A. Bays.

AMONG recent important faculty changes approved by the regents are the resignation of E. P. Appelt, assistant professor of German, who will go to an eastern school next year, and the appointment of Mrs. Nellie Kedzie Jones, state leader of home economics extension work, as professor emeritus of home economics.

Only a small number of promotions have been made, and the usual number of leaves of absence granted. Those earning promotions in rank are as follows:

From associate professor to professor, S. M. McElvain, chemistry; C. P. Nettels, history; W. S. Marshall, zoology; and Raymond Roark, engineering. From assistant professor to associate professor, H. H. Clark and Helen C. White, both in English. From instructor to assistant professor, Stella M. Hintz, German; R. E. Johnson, engineering; and J. P. von Gruening, German. From assistant to junior dean to assistant dean, John L. Bergstresser.

Those granted leaves of absence are: Professor V. C. Finch and G. T. Trewartha, geography; M. L. Hanley, English; Andre Leveque, French; Chilton R. Bush, Journalism; Alexander Meiklejohn, philosophy; and John M. Gaus, political science.

EDWIN E. WITTE, for 11 years chief of the Legislative Reference Library at the state capitol, has been appointed professor of economics by recent action of the Board of Regents.

At the same time, announcement was made that Prof. John R. Commons, who has taught economics in the University for more than 50 years, has been made emeritus professor of economics.

Prof. Commons passed his 70th birthday last fall, and at that time the board of regents abrogated the rule automatically retiring faculty members at the age of 70, so that the beloved professor could continue his work. He recently returned from a three months' trip to England.

The appointment of Mr. Witte as professor of economics was one of the important changes made in the University

faculty for the coming year. Besides his Legislative library duties, Mr. Witte has been a lecturer in economics, so that his appointment as professor is in effect a staff promotion. He has served the state as chief of the Legislative library since 1922, and in that capacity has helped draft into legal form many of the bills which later became state law.

◆

PROF. G. L. LARSON, of the College of Engineering, was elected to the board of governors of the American Society of Municipal engineers at its convention in Milwaukee.

◆

PROF. E. B. GORDON, of the School of Music, was elected treasurer of the Wisconsin conference of social work at a meeting in Milwaukee recently. Mrs. James H. Walton, Madison, was chosen a member of the governing board and Prof. John L. Gillin, director at large, Judge Alexander H. Reid, Wausau, was elected president and Benjamin Glassberg, Milwaukee, treasurer.

◆

THE RESULTS of tests upon the strength of reinforced brick beams were presented to the American Society for Testing Materials at a meeting in Chicago by Professor Morton O. Withey, who is in charge of the materials laboratory at the University. The tests were made as a thesis study in the spring of 1932 by three senior civil engineers, L. E. Angoli, L. L. Krasin, and B. F. Ludowise.

The tests showed that it is possible to construct brick beams that will have a high bending strength. The formulas used in the calculation of stresses in reinforced concrete beams may be used also for reinforced brick beams. It is also possible to obtain excellent speeds in laying reinforced brickwork.

The durability for brick beams under long-continued load and under the effects of fire and frost remain to be determined. During the past summer, a number of brick columns have been built and tested to destruction, but the results of the tests will not be available for some time.

◆

PROF. JOHN GUY FOWLKES has been appointed a member of a committee on a national outlook on education by Paul C. Stetson, president of the department of superintendence of the National Education association. This committee will report at the Cleveland convention of the department of superintendence, Feb. 24-Mar. 1, 1934.

◆

Two Wisconsin scientists, Dr. E. A. Pohle, professor of radiology, and Dr. Gorton Ritchie, assistant professor of pathology, created somewhat of a stir at the American Congress of Radiology in Chicago recently. Their report on two years research on the use of thorium dioxide in the taking of X-ray pictures of the spleen and liver was not exactly in accord with the prevailing methods of the group. They had found in their experiments that the injection of thorium dioxide into the blood to make these organs opaque injures both the liver and the spleen and the bone marrow is stimulated to over-activity and later becomes exhausted. They recommended that this method be used only in incurable cases.

Noted Engineer Retires

FAMED for his sanitation work during the Spanish-American War, followed by thirty-four years of active teaching, Professor John L. Van Ornum, '88, retired this year. He will leave Washington University in St. Louis, Missouri, where he has been head of the Civil Engineering department, and will live in California. This man, who has uncovered many an engineering trick during the forty-six years since he received his "sheepskin" has been forced to retire because of a Carnegie Foundation regulation which requires a man to retire at seventy.

His treatises on various phases of engineering have become as equally famous as his work with the United States Army in Cuba. He plans to add to his works with the knowledge he has accrued in the years spent in research and teaching. Professor Van Ornum anticipates no "best seller" but rather he will write for pleasure. His optimism is less than that of a prospective genius, as he admits, "that although my material on waterways is needed, it is not highly remunerative." *Harbor Improvements* will be the title of his latest book, and will be finished within a year. It will be a full treatise on harbor facilities, and remedies for improved shipping.

According to *Who's Who*, Professor Van Ornum will be remembered for the work he did in sanitary engineering with the Third United States Volunteer Engineers, his most spectacular piece of work being the fight he led against disease. A typhoid epidemic broke out in the city of Cienfuegos, Cuba and Professor Van Ornum planned a sewer system for the entire city, which made possible a reduction of one-third of the death rate in two months' time.

Not only is he noted for his extensive sanitary measures, his work at Washington University, but his book, *The Regulation of Rivers*, is regarded by the engineering profession as one of the leading pieces of writing in the engineering field.

Previous to his long career at the University, Professor Van Ornum was engaged in Municipal railroad engineering, and was assistant United States engineer, engaged in rivers and harbor surveys. At the time of the Mexican boundary survey, he was chief topographer. Although his work has taken him throughout the country, he states that he has particularly fond memories of his work done throughout Wisconsin.

At sixty-nine, Professor Van Ornum has a youthful enthusiasm and a keen sense of humor. He is gracious and tolerant in his views. A tall man of over six feet, he walks erect and shows little sign of ill health, that is sending him to the West Coast. He enjoys the public library and his hobby is walking. Professor Van Ornum is listed in *Who's Who*, and is a member of Sigma Xi, Tau Beta Pi, and Beta Theta Pi.

Help for Julius!

◆

PROF. JULIUS OLSON has asked us to appeal to alumni to aid in his search for a copy of the 1915 Varsity Welcome program. Prof. Olson is attempting to complete his set of programs of these events so that they may be bound and saved for historical purposes. Only the 1915 program is missing. If any of our readers have one of these please mail it to Prof. Olson or to the Alumni Association. Our thanks in advance if you do this!

WHA Offers New Features

BASED on the suggestions of hundreds of teachers, the Wisconsin School of the Air with a new series of programs in addition to the popular favorites of past years, inaugurated its program on September 25. These broadcasts are strictly non-commercial and are put on the air over the state's own radio stations, WHA and WLBL. They are inspirational in character, rather than purely instructional and are useful in motivating activity in a variety of ways. Each program lasts 15 minutes.

The schedule for the first semester is as follows:

MONDAY	AM	Nature Study (Grades 4-8)
	PM	Captain Salt and Jim (4-8)
TUESDAY	AM	Story Time for Little Folks (Kg.-3)
	PM	State Capitol Visits (5-9)
WEDNESDAY	AM	The Mail Bag Club (5-9)
	PM	Journeys in Music Land (4-8)
THURSDAY	AM	Creative Art (4-8)
	PM	Nature Tales (Kg.-3)
FRIDAY	AM	Rhythm and Dramatic Games (Kg.-3)
	PM	Current Events (5-9)

"State Capitol Visits," being broadcast this semester for the first time, will come directly from the capitol building in Madison. Listeners will hear many of the state officials and will get a complete word picture of the work of the various departments. This, by its authenticity and realism, will be excellent to supplement work in civics and history.

"The Mail-Bag Club," conducted by Neil Martin, will enrich the study of the United States geography, history, and literature. Boys and girls living in all parts of America have written fascinating letters which span time and space to stir the imagination of listeners.

More teachers asked for animal stories for small children than for any other subject not included last year. "Nature Tales" is the result. Miss Dorothy Gray, with a wealth of radio talent and personality for such work, will tell the tales.

Current Events for upper grades are to be heard each Friday afternoon. This will present a week-by-week story of what is important in the news. The other series, with slight modifications, will be much the same as they were last semester.

Last year teachers in the WHA area reported more than 23,000 weekly listeners in the classrooms. This year, with the broadcasts reaching northern Wisconsin through WLBL at Stevens Point, improved transmitting equipment, and more radio-equipped schools, the number should be greatly increased.

Many schools have installed radios to enable them to take advantage of really worthwhile things which are broadcast. Radio is now a useful instrument of education, and not the plaything it was a few short years ago. Educators everywhere look upon it as a most powerful force and one which will play an increasingly more important part in education by virtue of its tremendous potentialities in reaching many people at one time.

We regret that unavoidable circumstances prevented us from publishing Clinton Case's story on ground school classes in this issue. Certain events which have been taking place in Washington made it advisable to delay the publishing of this article until a later date. We hope to be able to have this on hand for the December issue.

Chicago Alumnae Meet Regularly

THE Wisconsin Alumnae Club of Chicago met for luncheon October 7 at the Hamilton Club, at one o'clock.

The Club meets regularly throughout the year, the first Saturday of the month, for an informal and inexpensive luncheon. The December meeting will be on December 2—at the Republic Building Tea Room. All University of Wisconsin women, in or near Chicago, are asked to come whether a member of the Club or not.

The dues of the Club are \$1.00 a year. The luncheons cost from fifty to seventy-five cents. A few times during the year, the Club meets with the men's club for luncheon, tea or dinner.

You may get in touch with the Club and thus receive definite notice of the meetings by writing or telephoning to Mrs. Rolf Ullestad, 7651 East Lake Terrace, Chicago, Illinois, telephone Hollycourt 0735.

MRS. EVAN A. EVANS,
President.

"W" Club Stages Fall Banquet

THE "W" Club of Milwaukee met on the Thursday evening preceding the Homecoming game for its annual fall banquet at the Milwaukee Athletic Club. About seventy-five former letter winners and certain guests attended the biggest winter event of the club.

Judge "Ikey" Karel acted as toastmaster in his usual genial manner. Herman Egstad, representing the Wisconsin Alumni Association, expressed his view of the club's activities as an aid to the University. George Downer, representing the Athletic Department, reviewed the present football season and expressed the problems facing the coaches during the present season. He also gave a brief resumé of what might be expected from others sports during the coming year. Walter Alexander, '98, crew and football man, was called upon to present a huge "W" blanket to Chris Steinmetz for the splendid service performed by him as President of the club for the past four years. Steinmetz was then re-elected President to guide the destinies of the club for the fifth consecutive year; Elmer McBride and Frank Orth were re-elected treasurer and secretary for another year, while Edward Vinson and Ralph Spetz were elected vice presidents.

Notable guests in attendance who addressed the club briefly were Donald Bell and William Veeck of the Milwaukee School Board, and Bill Chandler, former star center of several 1000% Wisconsin basketball teams and present successful coach at Marquette.

The enthusiasm shown would leave no doubt in the minds of anyone as to the full approval afforded the coaching staff at the University.

FRANK ORTH,
Secretary.

Philadelphia Elects New Officers

A WIENER roast was held at the picnic grounds at Valley Forge by the alumni society of Philadelphia and vicinity on September 30. Mrs. James H. Jones, ex-'22, was in charge of the games, and Mrs. Frank E. Williams, '13, of the food.

New officers were elected as follows: Chairman, Clar-

ence O. Wheeler, ex-'28, 101 Cresswell Street, Ridley Park, Pa.; Vice-chairman, I. H. Peterman, '22, 7228 Lampport Rd., Upper Darby, Pa.; and Secretary-treasurer, Leroy E. Edwards, '28, 7206 Bradford Rd., Upper Darby, Pa.



Detroit Alumnae Start Year

THE Detroit University of Wisconsin Women's Club started the year with a luncheon, Saturday, September 23, at the Dearborn Inn. This was followed by a trip through Henry Ford's Greenfield Village.

The officers for the coming year are as follows: President, Mrs. J. J. Danhof, '07; Vice-president, Miss Grace Shugart, '24; Secretary, Mrs. Paul E. Kavanaugh, ex-'24; and Treasurer, Mrs. D. F. Schram.

The regular meetings of the Club are on the third Saturday of each month and visiting alumni will be welcomed. Call Mrs. D. F. Schram at Un-2-1350 or Mrs. Kavanaugh at Or-2534.



Richards Addresses Californians

THE first regular meeting of the Big Ten Club of Southern California was held Thursday, October 12, at the University Club, Los Angeles, California.

The meeting was sponsored by the Wisconsin group, and the principal speaker was the former Wisconsin coach, John R. Richards, '97. Richards discussed the Metropolitan Water District, and threw in a few side lights on football.

The regular Wisconsin Alumni Association meeting was held simultaneously with the meeting of the Big Ten.

C. WEILER,
Secretary.

Club Directory

WISCONSIN alumni clubs are one of the best mediums by which graduates of the University can maintain an active contact with the affairs of their Alma Mater. All the clubs have interesting programs and membership lists which include alumni of all classes. Their meetings are ideal occasions to keep in touch with alumni friends and to help the University whenever possible. Attend the alumni club meetings in your community. This list of clubs will be increased as the proper information is obtained.

Middle West

ST. LOUIS—Meetings: Monthly luncheons on the first Wednesday at the Missouri Athletic Association. Officers: President, Carl Hambuechen, '99; Vice-President, Betty Brown, '25; Treasurer, James Watson, '24; Secretary, Miss Ruth Van Roo, '31, American Red Cross, 1706 Olive St., Phone Chestnut 2727.

CHICAGO ALUMNAE—Meetings: Monthly luncheons on the first Saturday at the Hamilton Club. Officers: Pres., Mrs. Evan A. Evans, '99; Vice-Pres., Mrs. R. J. Ullestad, '21; Treas., Helen Zepp, '27; Secretary, Ethelyn Sell, '24, 420 Melrose St., Chicago; Chairman of monthly meetings, Miss Alice Fiddymont, '22, Lockport, Ill. Dues: \$1 annually.

CENTRAL OHIO—Meetings: Occasional. Officers: Pres., Dr. John Wilce, '10; Vice-Pres., Paul Best, '12; Social Chairman, Arthur Butterworth, Ex. '12; Secretary, William E. Warner, '23, 64 Woodruff Ave., Columbus, Ohio.

LA CROSSE, WIS.—Meetings: Occasional. Officers: Pres., Mrs. George Ruediger, '26; Vice-Pres., Mrs. Robert Stone, '25; Secretary and Treasurer, Frank Schneider, '32, 305 Hoelschler Bldg.

MILWAUKEE GILMAN CLUB (Alumnae of Prof. S. W. Gilman's Classes) Meetings: Monthly at homes of members. Secretary, Miss Marjorie Alexander, '22, 3884 N. Shepard Ave., Milwaukee.

DETROIT ALUMNAE CLUB—Meetings: Third Saturday of each month. Officers: President, Mrs. J. J. Danhof, '07; Vice-President, Miss Grace Shugart, '24; Treasurer, Mrs. D. F. Schram, '22; Secretary, Mrs. Paul E. Kavanaugh, Ex. '24, 6245 Miller Rd., Phone Or-2534.

MILWAUKEE "W" CLUB—Meetings: Weekly. Officers: Chris Steinmetz, '06; Vice presidents Edward Vinson, '28, and Ralph Spetz, '23; Treasurer, Elmer McBride, '28; Secretary, Franklin L. Orth, '28, 517 Caswell Blk.

East

PHILADELPHIA—Meetings: Occasional. Officers: Chairman, Clarence Wheeler, ex-'28; Vice-chairman, I. H. Peterman, '22; Secretary, Leroy Edwards, '28, 7206 Bradford Rd., Upper Darby, Pa.

NEW YORK ALUMNI—Meetings: Luncheons every Tuesday at the Planters Restaurant, 124 Greenwich St., and Western Universities Club, 500 Fifth Ave. Also special meetings. Officers: Pres., Carl Beck, ex-'12; Sec.-Treas., H. E. Broadfoot, ex-'17, 40 Wall St. Phone Andrews 3-3607.

PITTSBURGH—Meetings: Occasional. Officers: Pres., John Farris, '07; Vice-Pres., Montfort Jones, '12; Secretary Arch W. Nance, 440 S. Atlantic Ave.

Far West

SOUTHERN CALIFORNIA—Meetings: Held in conjunction with Big Ten Club in Los Angeles. Officers: W. K. Murphy, ex-'03, President; James L. Brader, '23, Vice-President; L. G. Brittingham, ex-'18, Treasurer; Carroll Weiler, '23, Secretary.

BIG TEN CLUB OF SAN FRANCISCO—Meetings: Monthly. Officers: President, Ed. Schneider; Secretary, Earl Olsen, '20; Assistant Secretary, Vincent Raney, Illinois, 233 Post St.; Treasurer, Arthur Caldwell, Purdue.



Will members of alumni clubs not listed in this directory please remind their secretaries to send in the information which we have requested. We firmly believe that the listing of your club will aid in the attendance at meetings.

VARSIITY OUT!



Alumni! Join the happy throng of football enthusiasts at the annual football banquet on December 20.

Doc Spears and the entire varsity and freshman squads will be present to receive your cheers. The captain for next season will be elected and the awards for the past season will be made.

Call **F. 7400** for reservations.



The
Memorial
Union

Price
One Dollar

Behind the Footlights

(Continued from page 39)

Artist," a student play staged by the Studio last year.

Al Philian, his Wisconsin fellow with LeGallienne, was last seen in a smart characterization as Tom Pettigrew in "Berkeley Square," a Troutman presentation in 1932.

Two additional former Bascom workers are now engaged in radio work with N. B. C.: Carl Buss '31 as a continuity writer and Alice Hill '28 as a performer in radio skits. Last year Buss was prominently identified with Studio ventures at Wisconsin. His own plays, "Saturday Night" and "The Man Behind the Door," were submitted to Bascom patrons in Studio programs. Miss Hill played in "The Importance of Being Ernest," the vehicle that introduced Victor Wolfsohn to campus playgoers.

Numbered with Carl Cass in the ranks of theatre directors who studied their craft in the Wisconsin theatre are Gilbert Williams '29, formerly head of the Miami, Florida, Little Theatre, now director of the Beaumont, Texas, Theatre; Kenneth Carmichael, Purdue University and Lafayette, Indiana, Little Theatre; Mary Latimer, grad, head of department of dramatics at Mary Baldwin college, Stanton, Virginia; Clara Krefting, grad, Baker University, Kansas; Cloyd Dalzell, Poetry Playhouse, Berkeley, California; Edward Krause, University of Georgia theatre; and Louis Mallory '29, University of Wyoming theatre.

Bascom program notes record Williams as having been a Wisconsin Players president, a performer in "R. U. R." and "The Poor Nut," and a constant worker in staging laboratory plays. Carmichael did his last role in Bascom in "The Insect Comedy," Louis Mallory, a character actor of accomplishment, in "Liliom," and Kraus appeared as lately as last summer in "Beggar on Horseback." Miss Latimer won a large following at Wisconsin in character parts, notably as the dowager in "Fashion" and as Mrs. Cady in "Beggar on Horseback." Miss Krefting staged Buss's original plays last year.

Evelyn Kent, actress lead in "Beggar on Horseback," is now a member of the department of drama, extension division, University of Louisiana. Ray E. Holcomb, veteran of "Peter Pan" and "Beggar on Horseback," serves currently on the staff of the University Theatre as make-up lead. He is directing and staging plays for West High school, Madison, this season.

Harold McCarthy, director of the university radio station WHA, was Cassio to Carl Cass's "Othello" three years ago. This summer he returned to Bascom stage with Cass to play a comedy role in "Fashion."

The Story of Wood

(Continued from page 37)

perature, humidity, and air circulation help to solve many of the problems attendant to the seasoning of different species and types of wood. A cold storage chamber keeps the green logs and timber in unchanged condition for experimental work at any time. The aim of kiln-drying is to rapidly eliminate the surplus moisture which shrinking, swelling, and decay without the introduction of checks, warping, kiln stain, and other effects of badly tempered drying.

One of the main obstacles to the proper control of moisture content in lumber has been the lack of means for determining the moisture content by other than slow and unsatisfactory methods. This obstacle has been removed by the Forest Products Laboratory by a recent invention called

the "blinker," which is a simple and economical portable moisture content meter. Its effective range is from 7 to 24 per cent, corresponding closely to the ordinary range of wood-moisture content. It has received its name from two flashing neon bulbs that indicate relative wetness and dryness.

In the research of pulp and paper, the principal objective is to make the United States independent of foreign lands in its paper needs. The significance of this objective is clearly indicated when the imports of pulp and paper for last year of approximately \$250,000,000, translated into terms of employment, are found to be equivalent to full-time jobs for 47,000 American citizens, willing and anxious to work. By the adoption of methods developed by research much of this business may be recaptured. The study of the various American woods as pulp and paper raw materials will be greatly accelerated by new facilities in the form of a pulp and paper research laboratory occupying six floors at one end of the building. This will ultimately include grinder equipment, a digester tower 40 feet square, beating and refining apparatus, and an experimental paper machine with all moving parts under precise control. This permits the measurement and control of various operating variables that affect the quality of the paper. Many reductions in the cost of production and the development of good grades of paper from low-priced raw materials give promise for expansion in the paper-making industry.

The effects of the Laboratory's work are being felt constantly in better standards for lumber, more economical production, the elimination of waste, and better service to the user—all foreshadowing a revival of forest production and markets when our present economic difficulties are past. Jenks Cameron, of the Institute for Government Research, a non-governmental organization, says, "At a conservative estimate American industries are today saving 15 million dollars annually by virtue of the work of the Laboratory. And this is only a beginning. This estimate, furthermore, does not take into account savings effected by improved methods of forest management." If Mr. Cameron's published estimate is approximately correct (and it is low in comparison with other surveys), the Forest Products Laboratory is paying annual dividends of \$27 for every dollar invested in its operations at the current rate of appropriations.

This research is not simply a battle of wood against competing materials, but rather a systematic program to further the use of woods to the best advantages for such purposes as cannot be better fulfilled by other materials. With the new facilities and the present recognition of the United States Forest Products Laboratory as the authority in wood research great advancement in the use of woods and the conservation of our forests should be forthcoming.

Attend the Football Banquet

The famous motto which adorns the walls of one of the student eating places on State street—"Win or lose—Wisconsin"—is certainly being put into practice this fall. Altho Wisconsin has failed to score a conference win all season, the student body is enthusiastically planning a big football banquet in honor of the team on December 20.

John Lehigh is in charge of the affair and is being assisted by a group of student chairmen. The Alumni Association, the American Legion and the Association of Commerce are supporting the project wholeheartedly. Next year's captain will be elected at this time and Coach Spears will present the letter awards.