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The Wisconsin Alumni
MAGAZINE

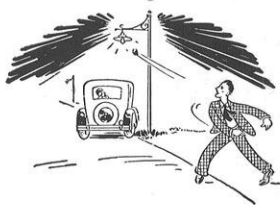
State Historical Soc.
Madison Wis.



October

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G-E Campus News



STONE-THROWING ROMEOS

The engineers of the General Electric Company have been asked to solve some unusual problems, but never before have they had to work against Cupid. This is how it came about: Some of the swains who did their courting in parked cars along certain lighted roads in New England found that the lamps crimped their style. With simple but destructive logic they decided to extinguish the lamps with stones. Their aim was so good that repairmen of the utility which serviced the lights could hardly keep up with their depredations. Finally, G-E illuminating engineers were called in to design a fixture to foil the stone-throwing Romeos. These engineers produced a cast-aluminum guard, which looks very much like a baseball catcher's mask. It protects the lamp, and at the same time helps to concentrate light on the roadway.



HURRY! HURRY!

A flood had crippled three important electric motors in the refinery of a large oil company on the island of Aruba, 50 miles north of the coast of Venezuela. The plant had to be shut down until new coils could be installed. Losses caused by the shut-down ran into thousands of dollars a day. An order for the coils and word of the refinery's predicament reached General Electric in Schenectady, N. Y., on a Sunday morning. Work began immediately, and by dint of night shifts and a great concentration of efforts, the two-and-one-half-week job was completed in three days. The 808-pound shipment of coils, conveniently packed in small cartons, was flown in a chartered plane from Schenectady to the Newark airport, where it was transferred to an Eastern Air Lines plane bound for Miami. On

Wednesday morning the cartons were transferred to a Pan-American Airways ship at Miami for the hop across the Caribbean to Kingston, Jamaica. From there, they were flown directly to Aruba in a specially chartered plane. They arrived Saturday morning, just six days after the order had been received by General Electric.

J. A. H. Torrey, Union College, '11, and G. H. Magner, Acadia College, Nova Scotia, '09, of the International General Electric Company, Inc., made the arrangements for filling the order.



FAT SPARKS

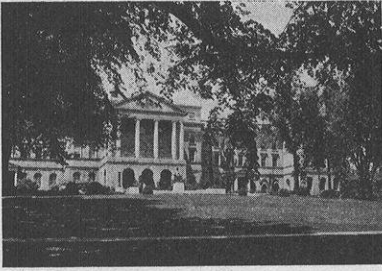
The artificial lightning boys have beaten natural lightning in one regard, at any rate. Engineers in the General Electric high-voltage laboratory have produced discharges of a quarter of a million amperes, which is greater than the current of any direct lightning stroke yet recorded. This current is discharged at a pressure of 150,000 volts.

Just as natural lightning, with amperage almost as great, destroys that which it strikes, so does the laboratory discharge; and just as natural lightning is accompanied by thunder, the laboratory bolts have their ear-splitting crashes. A copper wire a tenth of an inch in diameter is completely vaporized. A similar piece of iron wire is "exploded," the remaining ends continuing white hot for several seconds. A section of reinforced concrete is broken into bits. The handle of a silver-plated ice cream spoon vanishes with a shower of sparks, leaving behind only the bowl discolored by the heat.

These engineers were the first to produce 10,000,000-volt artificial lightning discharges, and they are continuing their studies through these high-current discharges, in order to find better means of protecting electric distribution systems. K. B. McEachron, Ohio Northern, '13, Purdue, '20, M.S., is director of the laboratory, and associated with him in these tests are: W. L. Lloyd, Rensselaer Polytechnic Institute, '18; J. L. Thomason, U. of Idaho, '29; G. D. Harding, U. of Arizona, '29; and J. R. Sutherland, Yale, '29.

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GENERAL  **ELECTRIC**



up and down the hill

WELL, well, the school year has finally started. The usual crop of freshmen are to be seen wandering about the Campus asking the usual questions as to where this building is or where he or she can find a certain professor. They're not as dumb as they used to be though in spite of their decreasing average age. Ask any fraternity man and he'll tell you the same. . . It used to be that we could proudly point to some new building practically each fall. Now we are happy to be able to say that the leak in Bascom Hall roof has been repaired and the halls in the Memorial Union have been painted. Maybe, someday, we'll have one of those much needed buildings. . . . Here's something that will cheer up our alumnae. Dean Louise Troxell Greeley says that women students can "take it" better than men. They are more willing to endure hardships because they do not like to contract debts and therefore do not appeal to the loan funds as much as the men students do. That's probably what you've been telling your husband all the time. . . The University R.O.T.C. unit is feeling pretty proud these days, too. Both the infantry and signal corps units received an excellency rating after the annual spring inspection last school year and highest rating was given the Wisconsin unit at Camp Custer at the close of the R.O.T.C. camp this summer against a field of fourteen schools. . . . Former students and faculty members of the summer school for workers in industry held a two day reunion on the Campus during the latter part of July. . . If we can take the words of "Mike" Tobin, director of publicity at Illinois, Wisconsin is going to have a corking good band for the football games this year. A recent release from Mike's desk bemoans the fact that Ray Dvorak has left the Ilini and will direct the Wisconsin band from now on. Incidentally, Dvorak was talking to "Doc" Spears the other day and is quoted to have said, "Well, Doc we'll have

The Wisconsin Alumni MAGAZINE

Official Publication of

THE WISCONSIN ALUMNI ASSOCIATION

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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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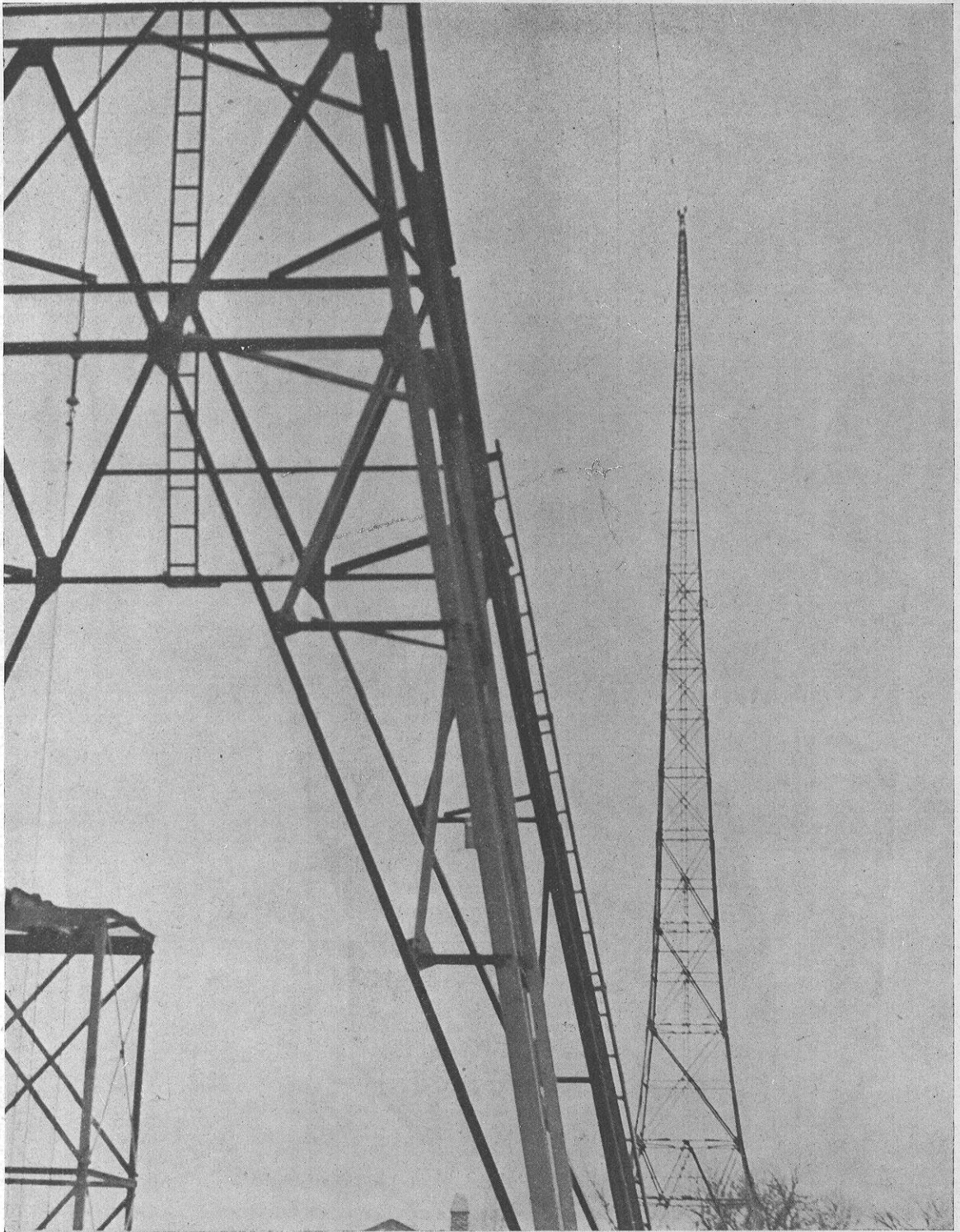
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to win some football games this year. How about having a mock game between your freshmen and varsity so I can give my boys some 'between halves practice' ". . . You don't have to believe it unless you want to, but it's true nevertheless that the fuel furnished to keep the students and faculty from freezing costs the University \$574.50 a day. In other words, five and one-

third cents per person. Yes, all the money doesn't go for salaries. . . . Things just aren't right. Here we have football games in the spring, one in the summer and now we are going to have a crew race on October 6, the day the football team plays Marquette. Coach Ralph Hunn has arranged an informal race with the Milwaukee Rowing club for the morning of that day.



The WPA Towers

School Days

Increased Enrollment Brings University Brighter Outlook

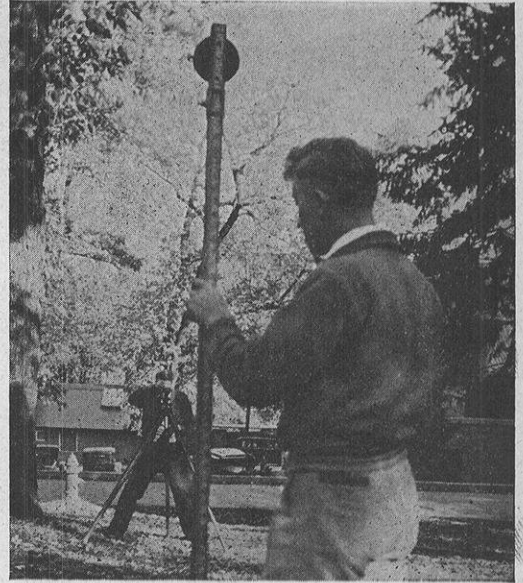
WHEN approximately 8,000 students trudged their ways up the Hill to eight o'clocks on September 26, University officials smiled and announced that the well known corner had been turned. An increase of 700 students is enough to make most any administrative official smile and our staff was no exception.

Thanks for the increase in enrollment can be extended to two causes. The Federal government, through its F E R A money, was undoubtedly responsible for a large number of freshmen and upper-class students enrolling this fall who otherwise would not have been able to do so. The second factor in this pleasing increase was the splendid work done by student, faculty, and alumni groups in correcting the erroneous impressions regarding the University which prevailed in many sections of the state.

The F E R A money will aid approximately 900 students. Half of these are upperclassmen and the remainder are freshmen. These students will be given jobs in various departments where they may earn up to fifteen dollars a month. Not an enormous salary to be sure, but enough to mean the difference between staying at home or coming to school. Whether or not any of the students now enrolled will drop out because they have not been able to secure one of these jobs is a matter of conjecture and will not be known for some time. It is extremely doubtful that the number who might drop out for this reason will nearly equal the amount of increased enrollment so that the University will be able to count a substantial increase in enrollment when the final accounting is made.

The work of the various committees which had as their avowed purpose the improvement of the relationships between the University and the state is worthy of mention. Students organized with the assistance of faculty and alumni and canvassed the state in a series of talks to high schools, letters to prospective students, and a concerted campaign to improve the newspaper publicity which Wisconsin receives. This work will continue in the future in order that the University may never again encounter the unwarranted unpopularity which greeted it during the past few years.

As this is written the fraternities and sororities are busily engaged in that hectic pastime known as rushing. As has already been announced, the fraternities are now using a rushing system patterned after that of the sororities. After the old style "cut-throat" methods, they



Engineering students at work
Once again freshman civil engineers, under the guidance of Prof. Owen, are surveying the Hill.

are finding the new rules somewhat complicated. Both the men's and women's Greek organizations report that this year's crop of rushees are the best they have had in several years, both in quantity and quality.

Another encouraging feature of this year's enrollment as far as the University is concerned is the fact that the men's and women's dormitories are completely filled and have good sized waiting lists. Chadbourne and Barnard halls, the women's residences have had good patronage during the past few years, but the men's houses have suffered considerably and this increase in the number of residents is most gratifying. Room and board rates in all the dormitories were reduced to a bare minimum which probably accounts for the increased patronage.

And so another school year has begun. The engineers are once more surveying the Hill, while their friendly enemies across the lawn are brazenly proclaiming their knowledge of law to all who will listen. Football practice is under way and the Campus is agog

over the prospects of Pat O'Dea returning for Homecoming. The sandwich men ply their trade in the fraternities and sororities. The 770 Club, student night club in the Union, has started its third season. The varsity crew is getting in a few workouts on the water before the cold weather sets in. The fire department had already responded to several false alarms. Pledges are being made to answer phones, run errands, and learn chapter roles and histories. The Campus activities have issued calls for various offices. The cross country team wearily trudges its way up and down the lakeshore road. Campus political coups are being hatched in various houses, books are being "cracked", dates are being made, and mid-semester are but a few weeks off. School has begun.



Sandwiches — Ten Kinds
The sandwich man, familiar to all recent graduates plies his trade in fraternity houses nightly.

The University's Finances

*A Summary of the Operations
for the Fiscal Year 1933-34*

by J. D. Phillips
Business Manager

With the meeting of the next legislature, the subject of appropriations for the University for the coming biennium will again be aired. We are presenting at this time an accurate and concise accounting of the University's finances for the past fiscal year so that our readers will be well informed on this much discussed but often misunderstood subject. In future issues we will discuss further ramifications of the University's finances, needs, and requests.—Editor's Note.

DURING the fiscal year July 1, 1933 to June 30, 1934 the total cash income of the University of Wisconsin was \$6,766,809.58. Receipts from the State of Wisconsin were \$3,753,267.90, or 55.5% of the total. Direct receipts from student fees, hospitals, athletics, dormitories and commons, farm sales, and miscellaneous sources were \$3,013,541.68, or 44.5% of the total for the year.

Since 1930-31 the cash income of the University from all sources has decreased from \$9,669,299.77 to \$6,766,809.58, a decrease of \$2,902,490.19 or 30% of the 1930-31 figure. The decrease in direct receipts from student fees, etc. has been \$872,477.18, and the decrease in receipts from the State has been \$2,030,013.01, including receipts for operation, maintenance, and capital. In 1930-31 the receipts from the State for all purposes totaled \$5,783,280.91 compared with \$3,753,267.90 received from the General Fund of the State in 1933-34.

The following tabulations summarize the sources of cash income and the distribution of expenditures during the fiscal year 1933-34:

<i>Cash Income</i>		
Direct Receipts:		
Student Fees	\$1,127,107.94	16.7%
Dormitories and Commons	472,639.86	7.0
Wisconsin Union (exclusive of student fees)	33,437.26	.5
Athletics	148,459.23	2.2
Hospitals	165,297.48	2.4
Agricultural Sales	210,440.12	3.1
Stores Sales	170,214.94	2.5
Federal Government (Land Grant)	350,197.03	5.2
Gifts	280,346.31	4.1
Miscellaneous	55,401.51	.8
Sub-total—Direct Receipts	\$3,013,541.68	44.5
Receipts from the State:		
For General Operation	\$2,126,166.22	31.4
For Special Purposes	1,601,193.40	23.7
For Buildings and Land	25,908.28	.4
Sub-total—Receipts from the State	\$3,753,267.90	55.5
Total Cash Receipts	\$6,766,809.58	100.0

<i>Cash Expenditures</i>		
General Educational Administration	\$ 143,202.43	2.2
General Business Administration	87,931.76	1.3
General University Service	88,981.44	1.4
General Library	99,420.10	1.5
Physical Education—Men	179,429.85	2.7
Physical Education—Women	33,454.52	.5
Military Science	14,897.77	.2
Letters and Science	965,292.36	14.7
School of Music	48,625.99	.7
School of Education	154,056.20	2.3
College of Agriculture	1,160,968.07	17.7
College of Engineering	267,591.85	4.1
Medical School	280,315.62	4.3
State Toxicologist	873.30	.
Student Health	25,555.65	.4
Hospitals	874,394.65	13.3
School of Nursing	13,386.72	.2
Psychiatric Institute	33,034.01	.5
Hygienic Laboratory	32,713.52	.5
State Geologist	19,797.97	.3
Law School	56,650.40	.9
Graduate School	146,115.80	2.2
Summer Session	95,440.86	1.5
University Extension	461,698.86	7.0
Physical Plant	346,839.92	5.3
Heating Station	156,478.69	2.4
Electric Sub-Station	40,010.28	.6
Dormitories and Commons	426,489.12	6.5
Stores	178,429.48	2.7
Wisconsin Union	132,625.85	2.0
Washburn Observatory	9,179.16	.1
Grand Total—Cash Expenditures	\$6,573,882.20	100.0

The purposes for which the expenditures were made may be summarized as follows:

Salaries and Wages	\$4,224,122.08	64.3
Heat, Light, Water, and Insurance	236,541.18	3.6
Buildings and Grounds		
Repairs	157,231.90	2.4
Capital Improvements to Buildings	30,971.97	.5
Furniture, Apparatus, and Machinery	192,265.01	2.9
Supplies, telephones, postage, printing, chemicals, and other miscellaneous items	1,732,750.06	26.3
Total Cash Expenditures	\$6,573,882.20	100.0

Fourth Annual Report of the Director to the Trustees of The Wisconsin Alumni Research Foundation for the Year Ended June 30, 1934

BUSINESS, like individuals, is struggling to get back on a sound footing. Readjustment and recovery are in the air. If each line of business could contribute a little more it would go far toward a restoration of normal conditions.

The Foundation's Contribution toward the Recovery Program

It is satisfying to note how the rapid expansion in activities of the Research Foundation has contributed to the increase of business and the utilization of man power. The development of the Vitamin D milk business alone during the last year has put into circulation many hundreds of thousands of dollars. Until the actual expenditures are jotted down, one fails to realize the significant effect which the growth of this new business has actually entailed.

On January 1, 1934, there were only five licensees irradiating their fluid milk supplies. Today there are over a hundred. It is thought by many that the irradiation of milk directly marks the most important advance in the handling of market milk since the introduction of pasteurization some thirty-odd years ago. With rapidly expanding medical acceptance, it seems reasonably probable that this new mode of treatment will soon become quite generally adopted.

In any event, to take care of the expanding business already created, it has required an increase in the operating staff of the Foundation since last January of about three and one-half fold, with a corresponding increase in expenditures for field, office and laboratory operations.

The Foundation's own printing program to aid its own licensees has required the publication of over one million booklets and other advertising literature which has kept busy scores of printers.

While the direct advertising outlay of the Foundation alone has entailed an expenditure of some thousands of dollars for supplies, the contribution made by our numerous licensees for necessary expenditures connected with their respective Vitamin D campaigns, aggregates more than a hundred times the amount expended by the Foundation itself.

This new dairy program has developed for irradiation machinery alone a business of over a half million dollars. Machine shops that had been running on a skeleton organization have called back to work old and experienced employees. Steel, copper and tin have had to be furnished. Carbon arcs for the generation of ultra violet energy have been built; a new use for electricity has been developed. The railroads have had no small amount of additional freight to haul distributing this machinery over the entire United States.

The milk licensees in the fluid, evaporated, and dried milk field have spent large sums in introducing a new product to the public. The program of one company in the evaporated field calls for an expenditure, in six months, of many hundreds of thousands of dollars to present its Vitamin D product over the radio and in periodicals having national coverage.

Expansion in Business Organization

The rapid expansion referred to above has in the main been due to the recent development of the fluid milk field. So long as the contact with the milk plant was established mainly through a single equipment supply house, the necessary business connections could readily be made through such an organization. However, opportunities in this new field are so alluring, from a business point of view, that several different manufacturers have developed machines to operate under the Steenbock patent—all, however, subservient to the basic principle of irradiation by ultra violet light. Under these conditions, it has seemed wise to enlarge the business organization of the Foundation.

An eastern district has, therefore, been set up with headquarters in New York. Ralph Horton, an alumnus of the University of Wisconsin, was made eastern representative of the Foundation. His territory includes New England, West Virginia, and the seaboard states to the Gulf.

In due course, a central and, perchance, a western district will be organized to take care of the fluid milk business.

The Steenbock Process and the Dairy Industry

In 1930, the method of increasing the Vitamin D content of cow's milk, through the feeding of irradiated yeast, was put on a commercial basis. This method was particularly applicable to milk derived from an individual herd. It has been widely adopted not only in companies producing and distributing "certified milk," but in many other high grade dairies as well.

The last year has witnessed the practical application of the newer means of direct irradiation through the development of different methods of activating fluid milk with ultra violet energy of an electric current. This is produced by exposing the milk, in a thin flowing film, to the photo-chemical action of this type of radiant energy. An exposure of brief duration, measured in a few seconds, suffices to convert the pro-vitamin of ergosterol, normally found in milk, into Vitamin D.

Several improvements in the technical application of the basic principle have come under the observation of the Foundation during the past year. Both the carbon arc and the quartz mercury vapor lamp have been found commercially applicable to the Steenbock process. Different types of machines have been devised by dairy equipment houses. The Foundation has offered its cooperation to these machinery organizations, although it receives no royalty for the use of any of the types of apparatus proposed, its only interest being to secure the requisite anti-rachitic potency. It has, however, expended no inconsiderable amount of time and expense in cooperating with these several manufacturers, realizing that in such a pioneer field as irradiation, continued improvement in technical procedure is sure to develop.

The result of these efforts has been to place the irradiation or activation of milk in the United States on a distinctly more successful basis than in any other

country in the world. Efforts in Germany and Great Britain to introduce irradiated milk have proven largely futile, because of the production of undesirable flavors that impair materially public acceptance of the product. These adverse conditions have been wholly overcome in this country. Again, America leads in the commercial perfection of this new improvement which marks so important a step in the future of American dairying.

At the end of this fiscal year the Foundation had on its books nearly one hundred licensees in the field of directly irradiated milk distributing its product in 60 cities covering 24 states. In the "yeast" milk field, which has been before the public for a year longer, there were over 200 licensees in 177 cities located in 41 states.

Irradiated Evaporated Milk

During the current fiscal year, the Steenbock process has also been applied to the improvement of evaporated milk. Irradiated canned milk is now available from coast to coast, and must be sold by all of the licensees at no increase in price over the unirradiated product. The group of licensees in this field is definitely committed to support research to maintain potency standards, and to carry on an intensive educational campaign to bring before the American public the intrinsic merits of this antirachitic food. Within a few months, over one-half of all the evaporated milk in the United States will be enriched in Vitamin D by means of the Steenbock process.

Close Cooperation with American Medical Association Committees

With the commercial development of the Steenbock process, both in the medical and the food fields, the Foundation has worked in the very closest relation with the officials of the American Medical Association. Their Committee on Foods gives the "Seal of Acceptance" to food products that pass satisfactorily certain standards. Many of the licensees of the Foundation have secured the approval of this Committee on their irradiated products.

Expansion in Potency Control of Products

As the application of irradiation for Vitamin D to food products causes no change in taste or color, it is impossible from the physical appearance of the treated product for the consuming public to know definitely whether it contains a proper potency of recognized value. Naturally, the federal authorities assume the obligation of requiring foods and drugs to be properly labelled, but such a control can hardly be taken as

sufficient assurance that products like irradiated milk, produced in numerous small units, will always be kept up to required standards. This obligation is so important from the standpoint of the public that the Foundation has from the very beginning regarded it as its duty to see that licensed products are really as potent in Vitamin D as the claims state. Such a policy necessitates the exercise of discrimination in selection of licensees.

Unfortunately, no simple chemical method has yet been discovered whereby the potency in Vitamin D of any product can be quickly determined. The only safe method of measurements yet found is the long laborious method of feeding experimental animals the food to be

tested for a week and then determine by x-ray and chemical analysis of the bones whether or not proper amounts of Vitamin D are present. This method known as the biological method of determination (bioassay for short) is naturally time-consuming and expensive.

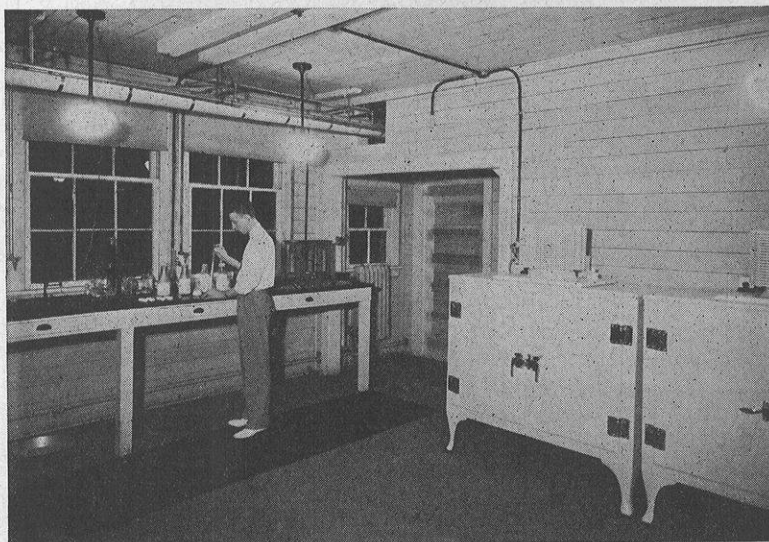
For several years past this control work has been done in the laboratories at Madison, Wisconsin, and Toronto, Canada, all of the bread work being carried out at the latter place under the direction of the Paediatric Research Foundation of the University of Toronto. This past year the Control Laboratory at Madison has had to be much enlarged. An entire building has been leased from the University and furnished by the Foundation with refrigeration, animal cages and other essential equipment required for these needs.

The business of growing a suitable experimental stock of animals for this work has now been reduced to a commercial basis. Through arrangements made with a local company, white rats of a given age and weight are now furnished by the thousand. It is interesting to note that installation of air conditioned quarters for these experimental animals has been effected prior to such improvement in the working condition of the human personnel involved.

With the spread of the milk work over the entire United States, it has been necessary to make laboratory arrangements for bioassays to be carried out in a number of other laboratories. At the present time these plans have been sufficiently perfected so that prompt service can be secured throughout the entire United States and Canada.

Accumulation of Clinical Proof

Much effort has been placed this year on the continued accumulation of clinical evidence to show the relative value of the different methods of antirachitic treatment. These investigations, carried out at a



Testing the Vitamin D Potency of Irradiated Products
All irradiated products are constantly being checked for vitamin D potency to assure the maintenance of prescribed potency standards.

number of different hospitals in both Canada and the United States, by clinicians of high repute, indicate conclusively the highly beneficial effect of enriching such a fundamental food as milk with this antirachitic principle.

It is conceivable that a widespread use of vitaminized foods might reduce the necessity for therapeutic medicinal preparations. But as the code of medical ethics favors the development of preventive methods rather than allow conditions to obtain which necessitate the application of curative measures, so the Foundation recognizes its obligation to aid in the prevention of these troubles.

Canadian Clinical Experiments

This year has witnessed the completion of an extensive series of clinical studies made at the request of the Committee on Foods of the American Medical Association and carried out by Drs. Tisdall and Drake of the University of Toronto. A comprehensive study has been completed on the comparative value of different antirachitic agents such as Viosterol, cod liver oil, and directly irradiated milk. Observations were made on over 500 children. It was found that one out of every six children examined in Toronto had some degree of rickets even after a summer of exposure to sunshine. The high value of directly irradiated milk was definitely determined, with the result that the fluid milk field in Canada is now being opened.

Broadening the Usefulness of the Steenbock Discovery

Some two or three years ago, Dr. C. I. Reed, of the University of Illinois Medical College in Chicago, made the important announcement that he had found a marked benefit resulting from the use of highly potent preparations of irradiated ergosterol, particularly in cases of convulsions which result from certain types of operations, as, for instance, on the thyroid gland.

In a number of instances he was able to keep patients alive only through the use of Viosterol, in doses several hundred times more potent than the ordinary preparations of Vitamin D. Since these earlier experiments were reported on the use of highly potent preparations (for laboratory purposes designated as 10,000X), the method has been used clinically in other diseases in which the ratio of the calcium salts to the phosphorus has been subject to disturbance.

Over 300 cases of hay fever have been subjected by Dr. Reed to this new treatment with most gratifying

results. The best results have been observed in conjunction with pollen injections. This past winter, studies have been extended to certain types of arthritis. In many instances, swollen and painful joints have been reduced to normal condition and a material improvement has been shown in by far the larger majority of over 60 cases treated.

These findings of Dr. Reed mark a material expansion in our knowledge of the effect of Vitamin D. It is to be hoped during the coming year it may be possible to have these results checked by a number of other observers.

So far the use of these highly potent preparations has been entirely confined to hospital treatment. Naturally preparations of this character cannot be unrestrictedly marketed. By reason of the fact that the Steenbock process is controlled through patent procedure, it will be possible to regulate the use of any of such preparations under the closest medical supervision.

The Foundation at the "Century of Progress"

During the second year of the Century of Progress, two exhibits have been installed,—one a purely educational exhibit in the Hall of Science, and the other a "cutaway" milk irradiator located in the Electrical Building. By means of lantern slides and demonstrators, involving the actual use of ultra violet radiation thrown on "Stroblite painted" drawings,

the mystery of this invisible "light" is made manifest.

The working model of the milk apparatus naturally attracted much attention, especially as irradiated milk has been given much prominence in the Chicago market this summer, due to the fact that over a dozen licensees started distribution in that city in the spring of 1934.

Inquiry cards deposited by the Fair visitors are made available to licensees in the milk field in their home localities. Through these media of imparting definite information regarding the process of irradiation to both foods and medicinals, the Foundation has been able to present directly to the public tangible ideas of the intrinsic value of the Steenbock method.

Expansion of Foundation into other Fields

While the Foundation has been most fortunate in having the Steenbock patent as a desirable revenue producer, it is nevertheless the objective of the organization so to develop its work that similar aid and support can be rendered to any staff members who may have meritorious ideas. At the present time, out of the nine patents that have been assigned to the Foun-



Thousands of white rats of definite age and weight are used yearly in determining the vitamin D potency of licensed products. Unfortunately, no short chemical method of analysis has yet been found.

dation, only two have reached the commercial stage.

These are the Steenbock patent on irradiation and the Hart patent on the utilization of copper with iron in the treatment of secondary anemias. Several other applications and patents are now receiving commercial attention in that contacts have been made to develop their possibilities on a well organized business scale.

Patent Applications from Staff

During this last year an unusual number of new discoveries and inventions have been brought to the attention of the Foundation. Naturally the majority of these ideas come in an early stage of development. Staff members, as a rule, have had little or no contact with patent matters; consequently, they look upon the Foundation as a sort of clearing house from which they can secure advice and information as to possible modes of procedure. Often consultation with the applicant indicates to him the uselessness of further development, as the idea, perchance, has been proposed and protected by prior art on the part of other discoverers.

To run these matters down through our legal department takes time and effort. The Foundation employs for this purpose three firms of patent counsel, one of which is located in Washington, so that it is in a position to handle these matters expeditiously. This service has been greatly appreciated by the University staff, if its growing use is a criterion of the value rendered.

Starch Recovery Process

One of the most important obligations recently assumed by the Foundation has been the development of a fundamental discovery in the industrial field of starch purification and recovery. Working from a chance observation made under the microscope, of the action produced on the cell contents of the young woody tissues of an apple tree, a wholly new discovery was unfolded by members of the University staff. In applying various solvents to render soluble the reserve starch stored in the tissues, it was unexpectedly observed that the solvent used dissolved *all* of the adjacent tissues connected with the surrounding plant cell, leaving wholly intact, but in a purified condition, the contained starch granule itself. It was here the alert mind of the true scientist came to the fore. At once a new question was brought forward for solution. If the application of this particular combination of solvents exerted this wholly unexpected effect, might not this have some application to the process of industrial starch recovery? With this key, concerted effort was directed at once toward the practical and utilitarian object of attempting to purify starch by chemical means rather than by the long, laborious and expensive mechanical processes which are now used in the industry.

For decades the wet milling industry has definitely been attempting to find some short and satisfactory way in which the impurities and useless ingredients could be quickly and effectively removed from the starch granule, leaving this valuable complex wholly divested of its useless surrounding matrix. And here, in a flash, the way opened up and a new route to the Indies was placed on the map.

Fortunately in a university that is really worthy of

the name, there are always latent possibilities that can be tapped at a moment's notice, and in a short time a combination of technical experience was developed that took this discovery out of the realm of pure science and made it a major problem of an applied character.

It was at this stage that the resources of the Foundation came into play. Money was required to buy process kettles, percolators, converters, and laboratory materials required to test specifically the new idea. The University had no reserves on which to draw. Neither had the professors to whom salary waivers had been applied again and again in order that a University budget of expenditures might be kept within what a distressed state government felt was all that could be applied to the educational program of the state.

These men could have gone to the big interests (seven companies control 88% of the entire wet milling industry of the United States), but had they done so, assuming human nature to be the same as yesterday, doubtless industry would have furnished the requisite funds — and then reaped the entire harvest with small risks involved.

This particular case is cited in some detail, as it well illustrates just what service the Foundation can render to Alma Mater in making available, at the right moment, aid that is rendered in the interests of the public rather than in the interest of the particular corporation involved.

After a year of work on this new process of starch purification, it appears more and more probable that this invention may be of material service, not only to starch mills, but the sugar industry as related to glucose, corn sugars and syrups, to the manufacture of glues and adhesives, plastics, ply wood, etc.

Classification of Investments

The net avails of the business operations of the Foundation are at once invested in well chosen securities, the income derived being used for the prosecution of research.

The following shows the distribution of the invested funds of the Foundation classified on the basis of the different types of securities:

Bonds, including governments	68.9%
Real Estate Mortgages	5.4%
Preferred Stocks	4.1%
Common Stocks	21.6%

It is interesting to note that the income received on all invested funds has yielded during the past year 5.26%. This unusually high yield is primarily attributable to the fact that security purchases have been made at depression levels, thus yielding more favorable returns than the fixed bond rates.

What Is Done with the Money Received?

The primary purpose of the Wisconsin Foundation is to support research at the University of Wisconsin. But the next question is how!

Most Foundations start with an endowment. Someone has accumulated more money than he needs and feels that it will be worth while for him to endow an institution, an organization that will carry on in the particular field in which the donor is interested. Consequently, with an invested endowment fund, a board of directors to formulate policies, and an

executive staff, they are ready to function. Not so with the Wisconsin Foundation. It had no endowed capital to start with. All it had was an undeveloped patent that looked as if it might be worth something. But let it not be overlooked that it had another asset, and that was the enthusiasm and energy of a small group of alumni who saw that they might be able to render a signal service to their Alma Mater and to humanity in general, if they could make this new experiment a success. They have had from the outset the definite objective in mind that in time a capital investment might be accumulated, the income of which could be used for the *perpetual* support of research at Madison. In this way permanence could be imparted to the structure. If successful in the course of years, the Foundation would be in a secure position, ready to begin to do, after years of accumulation and endeavor, what an endowed foundation is able to do immediately upon the opening of its doors for business.

On this theory the Foundation has built its plans and for three years gave all of the interest income derived from its capital accumulations to the support of research projects in the field of the natural sciences recommended by the University Committee on Research. It should also be stated that all current items of expense involved in securing, maintaining, defending, promoting, and commercializing a patent are first recouped to the Foundation treasury.

The "net avails" remaining after these operating charges, including the royalty paid to the assignor of the patent, constitute the basis of our permanent income.

For the year 1933-34 the interest income of the Foundation was invested in 63 projects in 21 departments of the University. With these funds 58 staff members (mainly of subordinate rank) were aided.

An "Emergency" Situation Develops

Last year, however, a tragic situation developed in the University, so serious as to cause an "emergency." Through the impossibility of continuing the appropriations from the State for the maintenance of the respective divisions of work, it became necessary to reduce drastically the University budget. So serious was this reduction that heavy cuts in salaries were imposed, in addition to acceptance of resignations, transfers, and all other possible changes.

It appeared evident to the Foundation Trustees that there might not be much of any research work left to support on a *permanent* basis, if under the emergency condition, the staff personnel was forced to disintegrate. Consequently, to meet this unexpected situation, the Foundation came to the rescue and allocated from its anticipated income funds which it expected to earn in 1934 sufficient for the support of 29 "leave of absence" professors who were thus taken off the regular University payroll. The total amount dedicated to the support of research for the year was \$147,500.

This procedure, of course, seriously interfered with the established program of the Trustees to accumulate steadily its capital fund, but under the conditions it seemed the wise thing to do.

There has been no thought on the part of the Trustees that a policy such as was developed for last year would be made permanent. To do so would defeat the basic principle on which the Trustees have predi-

cated their permanent policy. In Wisconsin the legislature makes its appropriations on a biennial rather than on an annual basis. As a consequence, the inability of the legislature to meet its normal obligations in relation to the educational life of the State affected the situation for *two* years, not for one year only. If there were justification to warrant a radical change in policy regarding grants-in-aid to research for the first year of the biennial period, these same reasons obtain in an equal degree for the second year of the same biennium.

Allocations for '34-'35

Consequently, the allocations of aid made by the Trustees in June 1934, for the next fiscal year of the University involve again two phases of support.

1. Regular program

The support of 45 research projects in 24 departments of natural science involves about \$90,800. This embraces the regular type of aid to which the Foundation is committed as a permanent policy, including several activities that have been provided for on a five-year continuing basis. This amount exceeds materially the total interest income from securities derived at present from our accumulated invested funds.

2. "Emergency" program

The support of 34 leaves of absence for this number of members of professorial staff in 22 departments to enable said staff members to continue their special research problems for the entire year (or for one semester), involving an additional appropriation of about \$76,500, making a grand total of nearly \$170,000 for the coming University year. The allocation of this sum which involves in addition to the entire interest income a very substantial part of the anticipated royalty income for the coming year slows down materially the accumulations to invested capital.

3. Clinical program

In the early days of introducing a new method, such as direct irradiation of milk with ultra violet rays, it is necessary to carry on a number of clinical researches with humans. During this past year in connection with a number of hospitals where it was possible to secure suitable clinical subjects \$13,000. has been expended by the Foundation, together with substantial sums by some of our licensees to ascertain the intrinsic value of different forms of irradiated milk.

New Special Fellowships

The forward progress of the University of Wisconsin involves a continuous scanning of the future to look for new methods of advancement. The forward movement of the world rests upon its Steinmetzs, its Ketterings, its Millikens, its Einsteins, and the like. If it were possible to throw the "electric eye" into the future, and pick out *now* the man who will be one of the science leaders of the last half of the Twentieth Century, could he be made more fruitful and successful than if he were allowed to develop without any conscious aid? No one, of course, pretends to be able to read the horoscope of the future, and select with any special accuracy the scientific leaders of the next half century. Nevertheless, this much seems true. If a person has marked ability, it is better to give him a chance to exercise this God-given

Our Athletic Policy

Success of Athletics Vital to Development of University Life

by Dr. Walter E. Meanwell

Director of Intercollegiate Athletics



"Doc" Meanwell
Athletic Director

IN RESPONSE to the request of the editors of the Alumni Magazine for a statement concerning my viewpoint on departmental matters of general interest, it is evident that several topics appear worthy of presentation at this time.

First, as to Intercollegiate Athletics, I feel them to represent the capstone of an athletic pyramid, the base of which is the great mass of students of average physical ability who participate in class or individual muscular activities primarily for the sake of health. The provision of facilities and leadership for this great group is of major importance to its individuals and to the state. I am in full sympathy with efforts along these health lines.

Above the basal group just mentioned, in numbers, physical power and proficiency, is the middle group of the athletic play pyramid, that is engaged in Intramural Athletics. A majority of all men students are properly classified and engaged in this Intramural Division. The motive for their play is chiefly recreational and their major play activities are the great intercollegiate competitive sports. It is most important that ample opportunities for recreative play be provided for the Intramural group, with reasonable emphasis on instruction in correct technique and on maintaining as much of the interest and enthusiasm so characteristic of Intercollegiate Athletics, as is possible. The fullest cooperation of the Intercollegiate Department in the furtherance of the work for these non-intercollegiate athletic groups will be given.

Intercollegiate Athletics, representing the capstone of the athletic pyramid is the third group. They embrace smaller numbers of participating students than either of the divisions previously mentioned, cost more to operate, require more intensive and expert instruction and the larger part of the total of physical area and facilities. Their conduct requires intricate codes of eligibility and many mutual agreements with other institutions. All this is advanced, at times, in criticism of Intercollegiates.

As I see it, Intercollegiates are for the necessarily smaller percentage of physically exceptional men. For such men special opportunities should be presented as well as for those less fortunately endowed. We are well in accord with best educational procedures in so pro-

viding for our physically exceptional students, even though their numbers be comparatively fewer.

As to cost, the intercollegiate groups finance themselves completely through their own gate receipts. This is not an ideal situation and it may be that at some future day they will be supported as are other university activities. At present, however, two sports, football and to a lesser degree, basketball, provide the funds necessary for the conduct of all intercollegiate activities including the many known as minor sports. This is a phase of the conduct of intercollegiate athletics which requires consideration in any analysis of them. Self perpetuation of intercollegiate athletics depends upon the degree to which they appeal to the pride, enthusiasm and interest of the university's widespread following. I believe, therefore, that Intercollegiates represent a barometer which indicates to a considerable degree not only the extent of such personal pride, enthusiasm and interest, but also of institutional unity and morale. Therefore, we justify and recommend Intercollegiates not so much from their health or recreational viewpoints, although they function adequately in both, but rather as a means for establishing enthusiasm and morale within the University community and without; of providing ways and means for developing regard for high ideals and examples of sportmanship; of dramatizing the manly qualities through athletic performance, and establishing thereby ideals of physical excellence and proficiency. All these characterize intercollegiate athletics and through them can be impressed on the larger groups of participants in non-intercollegiate athletic play and to a considerable extent also upon those who witness our contests.

I believe that to obtain the most desirable end results for Wisconsin, Intercollegiate Athletics should be conducted with intent to win a reasonable and fair share of all games and contests played; that the financial security of our athletic undertaking, and therefore its successful continuance depends more especially upon the success

(Please turn to page 36)



Intramural Football Games
65% of the men students participate in these games

Pat O'Dea Is Found

Football Hero Found After Being Missing for Twenty Years

LIKE A MAN returned from the dead, Pat O'Dea, Wisconsin's football immortal, returned to life on September 19 after being lost for more than twenty years. His return was as spectacular as his disappearance.

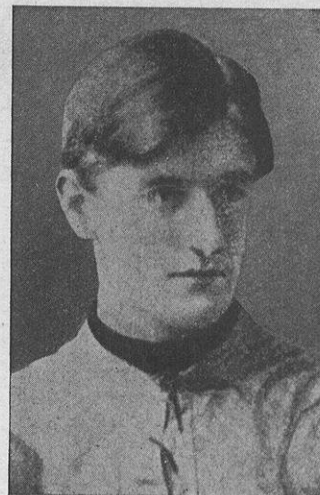
The gossips had it that Pat enlisted with some Australian troops as they passed through San Francisco in 1917. Nothing was heard from him after that time and it was said that he had been killed in action. *The Literary Digest* in its March 17 issue stated that he was probably an "unknown soldier". March 17 was Pat's birthday.

During the summer months Bill Leiser, a sports reporter for the *San Francisco Chronicle* played a hunch and travelled to the northeastern part of California to a little town called Westwood. There was a man whom Leiser had reason to believe was the most famous kicker of all times. Charles J. Mitchell was what everybody called him, but Leiser and Mitchell's employer, Willis Walker, who played football at Minnesota in the 90's, had reason to believe that the name Mitchell was merely a blind. Walker wrote to George Downer, '97, a team mate of O'Dea's and a brother in Beta Theta Pi, for a few pertinent facts about the famous Pat. With these facts in hand the true identity of Charles Mitchell was established and after no small amount of arguing, Pat O'Dea agreed to once more assume his real name and return again to the public eye.

Column upon column have been written about the historic feats accomplished by the trained toe of Pat O'Dea in the late nineties. Here are certain incidents which will make our readers realize why this tall man from distant Australia has lived through the years as one of this country's greatest football heroes.

There was a time when Wisconsin was playing against Illinois in 1899. There was a twenty mile gale blowing across the field. Back on his own 55-yard line, O'Dea prepared for a place kick. No one believed the kick could be made. Bill Juneau held the ball. Pat lined up so as to kick the ball to the right hand corner of the field. One step and he kicked. The ball sailed true for the corner. Then,

Patrick J. O'Dea
As he appeared when captain
of the 1899 team.



as the wind caught it, it swerved back to the left, and floated squarely through the uprights on the goal line.

Against Northwestern, a team supposed to beat Wisconsin badly, Pat ran two plays and then stepped back and drop kicked the ball squarely between the posts 63 yards away. The ball sailed twenty yards farther on to hit the fence surrounding the field.

Again in 1899, this time against Minnesota, O'Dea was carrying the ball when he was cornered by the great Gil Dobie. Pat faked a run to one side and Dobie prepared to tackle. O'Dea sidestepped and drop kicked over Dobie and the goal posts 55 yards away.

Against Minnesota in 1897, Pat was carrying the ball when he was cornered. He shed his would-be tacklers for a moment, drop kicked the ball on the dead run through the uprights forty yards away. Minnesota was a beaten team from that time on.

Against Yale in 1899 Pat made two punts, one of 110 yards and one of 117 yards. In those days the playing field was 110 yards long and 55 yards wide.

And now this gridiron immortal has at last been found. Plans are now being made to bring him back to the Campus for the annual Homecoming celebration on November 17. Should Pat come back, and he has stated that he will, a grand time will await him for Wisconsin is anxious to pay homage to the man who has brought her so much fame.

No definite plans for honoring O'Dea have been announced but more definite statements can be made in the November magazine. It is expected that he will be a guest at the Beta Theta Pi fraternity house during his stay at Wisconsin.

Many of Pat's former team mates have signified their intention of returning for a glorious reunion with their former captain. Among those expected back are Walter Alexander, Judge "Ikey" Karel, C. C. McConville, John Richards, Bill Juneau, Paul Tratt, Eddie Cochems, Dr. A. H. Curtis, and many others.

The 1899 Varsity Squad

Top Row: Crego, Larson, Peele, A. A. Chamberlain, Rogers, Blair, Griesel, Juneau, Comstock, Conlin.
Second Row: Case, Mgr., Lerum, Skow, Tratt, Curtis, H. R. Chamberlain, Jolliffe, Hamilton, Gilkey, trainer.
Third Row: Senn, Frambach, Driver, O'Dea, Capt., Wilmarth, Alexander, Lyle, Ass't. Mgr.
Bottom Row: Hyman, Cochems



Sophomores Will Make or Break

*Inexperience May be Costly
in Early Season Games*

BECAUSE sophomores must be depended upon to furnish the backbone of the 1934 Wisconsin football team the Badgers will be slow in developing this year, but they hold promise of being a powerful, smashing outfit before the end of the season.

Dr. Clarence W. Spears, the former Dartmouth all-American guard who has coached successfully at Dartmouth, West Virginia, Minnesota, Oregon and Wisconsin, is starting his third year as head coach at Wisconsin and has better material than at any time since he has been head man of the Cardinal elevens.

Experienced men are lacking in vital spots and the team as a whole will be much younger than the average Big Ten squad, but the sophomores are promising and have more potential ability than did the veterans of 1932 who came through to place second in the Western Conference race.

Any effort to estimate the probable success of this year's Wisconsin football team is made difficult by the fact that every opponent on Wisconsin's schedule expects to be stronger than last year and by the fact that the Badgers will play four successive games away from home against as many powerful opponents.

Wisconsin will be big and powerful this year, it will be a team that will hold its own physically with any in the Big Ten, but it's also a team that is liable to lose early season games because of sophomore mistakes. It's a team that you'll like to watch because it will be able to unleash a strong running game and a better than average passing attack. You'll like to watch this Wisconsin team in action because it's going to be the kind of an outfit that will travel over the chalk marks under its own power when it gets possession of the ball, because it's going to be the kind of a team that will ask and give no quarter, the kind of a team that will never be content to battle for anything but victory.

Such veterans as Capt. Jack Bender, Mario Pacetti, Bill Millar, Tommy Fontaine and Karl Schuelke are pretty sure to play a big part in the success of this year's Wisconsin team, but there are very few veterans

who are sure of their jobs. It would not be surprising to see Doc Spears start as many as six sophomores in the Badgers' first game, and it's an even bet that three of the four backs will be first year men.

The battle for all positions is keen, but it's unusually so at left halfback, the key job in the backfield. Tommy Fontaine, last year's regular, is being pushed by no less than four men, three of them sophomores. Lynn Jordan, a reserve last year, is showing improvement enough this year to make him a serious contender and Emmett Mortell, Star Ferris and Clarence Tommerson, all sophomores, are very much in the fight for the job. Mortell may be the answer to Wisconsin's need because he combines exceptional punting ability with fair passing and good ball carrying.

The fullback who can beat out Eddie Jankowski, 200 - pound sophomore, can have the job; try and find anyone who can do it! Clair Strain, a reserve in 1932 who was out of school last fall, and Johnny Fish, a reserve in 1933, are other fullbacks of promise but they shouldn't be in the same class with Jankowski. Jankowski will give Wisconsin the plunging strength that Doc Spears has sought in vain here for two years and he's a blocker that clears a path for the ball carrier as no Wisconsin fullback has done since Guy Sundt.

Karl Schuelke, 195-pound reserve of last year, has begun to take football seriously this year with the result that he is the most likely regular at right halfback. Schuelke is one of the hardest running backs on the team with remarkable speed for a man of his weight and build. Bill Exum, colored sprinter who was a reserve in 1931, has returned to school weighing 185 pounds and still boasting of great speed. He'll push Schuelke as will Ken Kundert and Jimmy Donaldson, reserves for two years.

Bill Parrott, a big, rangy sophomore who made a straight "A" average in his studies as a freshman, is the most likely quarterback. Carl Ockerhauser, a



JENSEN



PACETTI



MAHNKE



POHL



MORTELL



CHRISTIANSON



JORDAN

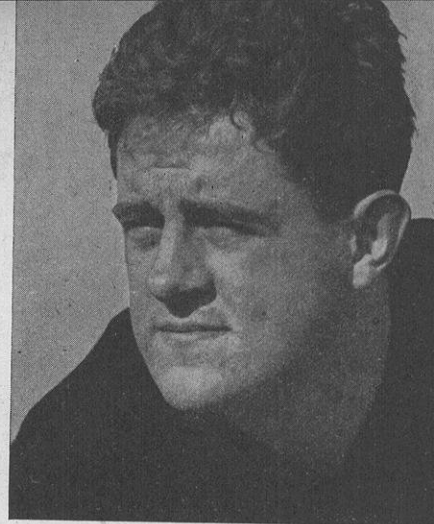


WRIGHT

1934 Badger Varsity

Team Will Be Big and Fast and Out for Victory

by Henry J. McCormick, '25
Sports Editor, The Wisconsin State Journal



Capt. Jack Bender

basketball player who reported for football for the first time last spring, is pushing Parrott and Eddie Becker, a letterman at tackle last year, is showing enough ability at quarter to keep in the running for regular duty. Fausto Rubini and George Dehnert, reserves last year, and Wally Cole, a sophomore, are other backs who may fit into the picture.

Mario Pacetti, regular for two years and an all-Conference choice last year, will be one regular in the line and it may be at center, guard or tackle. Bill Millar, 215-pound speed merchant, should be a regular at right tackle for the second straight year, and Capt. Jack Bender should hold his post at left guard.

That leaves plenty open and there's a great fight on for the jobs. Bob Null and Russ Callahan, a pair of sophomores, have moved in at the end positions and promise to to hold them against the field. George Deanovich, a regular last year, and Joe Capicek, a reserve in 1933, are fighting to oust Null and Callahan and so are such sophomores as Stan Haukedahl, Allen Mahnke, Henry Stanley and Bill Pfeffer. Jim Nellen, a reserve tackle in 1933 and a letterman, may win a regular job this year but he'll have to beat out a promising field of sophomores to do so. Paul Jensen, Ed Christianson, Howard Hansen, Jim Wright and Leon Edman are newcomers who have the size and ability to make them contenders for regular jobs.

Clarence Peterson, a former halfback, John Ferguson, Ray Davis, George Klein and Milt Kummer are guards who may win posts. Capt. Bender appears a fixture at one guard and Pacetti would be a fixture at the other if it was certain he would be used there.

The center group is admittedly weak. Pacetti may win the job there if Doc Spears sees fit to keep him there. Neil Pohl, Gordon Pizer and Dick Lu-

binsky are sophomores who may win a starting berth: Nick Deanovich, light but aggressive reserve of 1933, may also see some action.

Wisconsin's line this year will average just a shade under 200 pounds and the backfield should scale better than 185. It will have more speed than last year's team, more weight in the backfield, better punting and passing and more and stronger reserves.

Altho the home schedule isn't the best, alumni will be smart if they include tickets for each of the four home games on their monthly budgets. As has been said before, Wisconsin may not win all of its games, but there is going to be plenty of real football thrills packed into each Saturday afternoon when the Badgers play.

The schedule follows:

- Oct. 6—Marquette at Madison
- Oct. 13—South Dakota State at Madison
- Oct. 20—Purdue at Lafayette
- Oct. 27—Notre Dame at S. Bend

- Nov. 3—Northwestern at Evanston
- Nov. 10—Michigan at Ann Arbor
- Nov. 17—Illinois at Madison (Homecoming)
- Nov. 24—Minnesota at Madison

FOR the first time since football broadcasts originated, Wisconsin football enthusiasts will have an opportunity to hear all the Badger games broadcast direct from the field. Heretofore the out-of-town games were broadcast from telegraphic descriptions. The Fiore Coal and Fuel company of Madison has signed a contract with station WIBA, Madison, to broadcast all games direct from the field of play. This will mean that alumni can hear an accurate report by Bill Walker from the stadiums at Michigan, Northwestern, Purdue and Notre Dame.



FISH



FERRIS



NELLEN



MILLAR



STRAIN



PARROTT



CALLAHAN



G. DEANOVICH

New Murals Hung in Union

*Paul Bunyan's Heroic Deeds
Pictured by James Watrous*

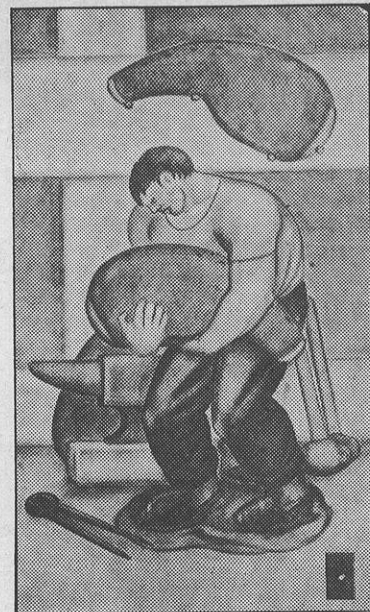
PAUL BUNYAN, that legendary hero of the early lumber-jack days in Wisconsin, has been memorialized in a series of murals now in the process of completion and which, as they are finished, are being hung in the Paul Bunyan room of the Memorial Union. James Watrous, '31, is the artist who conceived and executed the paintings. The entire project was done under Federal aid as a part of the P. W. A. P. program.

Just in case you have forgotten about Paul and his great deeds, here are a few tall tales which have been handed down by word of mouth for the last century or more.

It seems that Paul set out from his home in New Brunswick to seek his fortune in the west. He landed in the northern Wisconsin lumber camps and because



Paul Bunyan and his grindstone
This grindstone was so large that each time the operator turned it around once it was payday.



Brimstone Bill
Caretaker of Babe, the
blue ox, carrying one of
the beast's shoes.

of his great size, strength, and prowess soon became the most respected and feared member of the community. Stories say that he was from 70 to several hundred feet high. Some chroniclers go so far as to say that he was so tall that the highest of the pine trees reached only to his boot tops.

Bunyan had as helpers in his fabulous logging operations several pals built on the same heroic proportions as himself. There was Babe, the blue ox, who measured forty-two axe handles and a plug of tobacco between the eyes; Johnny Inkslinger, the keeper of accounts, who saved Paul nine barrels of ink in a single month by forgetting to cross the t's and dot the i's on the payroll; Brimstone Bill, caretaker of the ox, who sank two feet into solid rock with every step he took carrying Babe's shoe; Sourdough Sam, the cook; Big Ole, the blacksmith; and Forty Jones, the straw boss.

Humor, in its real form, is not at all lacking in the Bunyan narratives. There is the time, for instance, that Babe swallowed a barrel of pepper by mistake, and for that entire year there were no logs floated down to the saw mills, for Babe drank all the rivers dry.

One year Bunyan's men were bothered by mosquitoes. They imported a strain of bees to drive out the pesky creatures, but the bees and mosquitoes mated and produced a creature which could sting with both front and rear ends. That was the year that things became so bad that Paul moved his camp to Kansas where the hardy, new stinging animals refused to follow.

Bunyan was considered quite a hunter. Once he discovered a moose which had died of old age. Having nothing else to do, he followed the tracks of the animal back to the spot where it was born.

One could tell the tales of the mighty Bunyan for hours and hours. His accomplishments are on a par with Baron Munchhausen.

And now these murals depicting some of the better known exploits are being added to the constantly growing collection of Bunyan lore. Alumni will find them very interesting to view on their next visit to the Campus. Be sure and drop into the ground floor of the Union and discover what a *real* prevaricator looks like and what some of his accomplishments were.

Wisconsin's Hall of Fame

Maj. Gen. William F. Hase

Chief of Coast Artillery



OUTSTANDING tactician, wearer of the distinguished service medal, and a highly respected officer, Maj. Gen. Hase, '97, was appointed Chief of Coast Artillery of the United States Army in the spring of this year. When the pall of the Spanish American war settled over this country, he deserted his chosen legal profession and obtained a rank of second lieutenant of artillery. In five years he had been promoted to captain. From 1903 to 1914 he served at coast artillery stations in New York, Florida, Massachusetts, Virginia and California. In 1916 he was promoted to the grade of major and the following year to the grade of lieutenant colonel and to colonel in 1918. He commanded the 45th coast artillery regiment during the World war. Following the war he attended the Army War College. Upon completion of his course there he served in succession as Chief of Staff of the Hawaiian Department, Commanding Officer of Harbor Defenses of San Francisco, executive officer of Harbor Defenses of Manila and Subic Bays, Phillipine Islands, and executive assistant in the office of the Chief of Coast Artillery. He served in the latter capacity until his recent appointment.

Lloyd K. Garrison

Chairman, National Labor Relations Board

ALTHOUGH he served the Administration for only three months, Lloyd K. Garrison, dean of the Law School, convinced his co-workers and the nation of his exceptional ability as a labor arbiter. It was said in *Time* magazine that under Garrison's chairmanship, the new labor relations board accomplished in two months what it had taken the old board several years to do. Created by executive order in the last Congress, this board

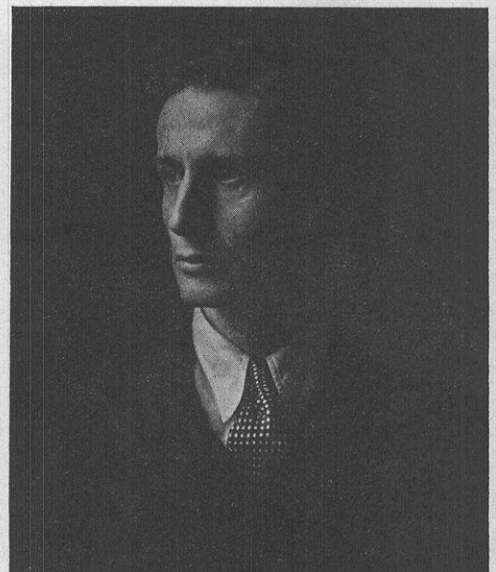


was given the power to make investigations to hold labor elections, to hear cases of discharge of employes and to act as a voluntary arbitrator. The board worked on a free rein under the Department of Labor but not subject to the "judicial supervision" of the labor secretary. One of the Board's most important decisions was an interpretation of the notorious Section 7A of the NRA, in which the majority worker groups in labor disputes were authorized to act as sole bargaining agents with employers. Dean Garrison has now returned to his duties at the University.

Prof. Samuel Rogers

\$10,000 Prize Novel Winner

QUIET and unassuming, Prof. Rogers is highly respected by his fellow faculty members as a scholar, author, and accomplished musician. Selection of his novel, "Dusk at the Grove", as the prize winning novel in a field of 1300 entries in the contest conducted by the Atlantic Monthly Press and the Little, Brown and co. was not at all surprising for in his work on the Hill, in his music, and in his three previous novels, he has exercised the care and precision which make for perfect accomplishments. His three previous novels are "The Sombre Flame", "Less Than Kind", and "The Birthday". "Dusk in the Grove" delves deep into the affairs of the Waring family. As quiet and unassuming as its author the book traces in a most meticulous manner the lives of the Warings from childhood through maturity to old age when "The Grove", the old family estate, is sold, the twilight of "The Grove" as it were, which also marks the twilight of a well-defined social era in American life. It is a beautiful story, splendidly executed and worthy of the honor that has been bestowed upon it and its scholarly and dignified author.



"Dad" Morgan's Place Passes On

OLD "DAD" MORGAN'S place on State street just off the Campus is no more.

They came a few weeks ago and moved out the bar, the cigar counter, the soda fountain and all the other paraphernalia familiar to generations of Wisconsin students. They took away the long mirror that hung behind the bar, and the billiard tables that stood for so long in the smoke-filled back room and they took away something more. When they were through, there was nothing but an empty store left, in which others were already at work remodeling.

A beauty parlor is to be installed within the walls that have rollicked to the laughter and the shouts of students for years.

And Dad himself, who for 27 years had ministered to the needs of many a college student temporarily "broke," looked on, and announced he has "retired." But he said it with a little wry expression that indicated he wasn't exactly happy about it.

Where each football season the boys were accustomed to gather on mornings before games, to pass away the time in the contest pleasantly called "scalping," there won't be any more crowds lining the sidewalk. The well known old "curb" market for 50 yard line seats, Mecca of many a returning old grad in his time, will have to find some other place.

Hundreds of students came to know the genial, white haired old man with the cigar stuck eternally in one corner of his mouth as a real friend in time of need. Not a few of them did he, at one time or another, keep going with a credit list that supplied them with meals for months on end. Others knew him as one business man who was always ready to cash a check.

He even went so far, on one occasion, to cash a check for \$800 for the late President Charles R. Van Hise, when police refused to accept the University head's check instead of cash for bail money on some 80 students incarcerated in cells for storming the stronghold of justice. Nor was that the only time he bailed a student out of jail.

But the depression came. Dad was content to go along, however, making a living and helping out students in the same old way as much as he could. Then, last year, his lease on the store ran out. For a year he has rented the place without one. Recently he was informed the building was rented to another party, and Dad knew the game was up. So he's sold his equipment and decided to retire.

Maybe he'll go into something else, if it looks just right, he told friends. Complete inaction doesn't appeal to him at all. But for the present, he hasn't any plans.

Attempt Coordination of Sciences

FIRST STEPS in a Science Inquiry, designed to close the "social gap" between the natural and social sciences at the University—a move that may point the

way to similar efforts on a nation-wide scale—have just been completed through the cooperative efforts of some 200 faculty members at the State University, President Glenn Frank announced recently.

Inaugurated in December, 1933, by President Frank and other faculty members, the Science Inquiry was aimed to meet the demand that science contribute more help to solving social problems facing the nation today.

Recognizing that science has itself caused many new social problems and that the epidemic of social planning now sweeping the world is calling for scientific aid in almost every social field, the Inquiry has made it possible for University faculty members to review their activities in science in the light of changing social conditions.

The Inquiry was deliberately aimed to ascertain the extent to which the natural sciences of the University are considering the social implications of their work, and how such consideration is reflected in teaching, research, extension, and outside activities of the University, a report of the Inquiry reveals. The report was made by Professors C. K. Leith, E. B. Fred, Harry Steenbock, and Chester Lloyd Jones.

It also attempted to determine the extent to which the natural scientists are in touch with and cooperating with the social scientists in fields common to both,

and the extent to which the social scientists are taking advantage of the contributions of the natural scientists to problems in which they are mutually interested.

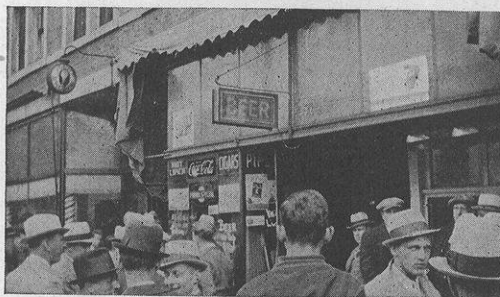
The Inquiry also tried to ascertain in general whether the University is using its natural and social science resources to the best advantage in teaching and research concerned with the many problems of public interest in which both natural and social sciences are concerned, the report explains.

Problems common to both natural and social sciences which were considered by the various faculty members who helped make the inquiry include the following: conservation, land-use, lakes, mineral resources and the social sciences, forestry, engineering and its social implications; technological unemployment, public regulation of utilities, transportation, consumption, plant improvement, industrial utilization of farm crops, chemistry, physics, public health, child development, reorganization of local government, international relations, cattle improvement, wild life, and agriculture in general.

In explaining its objectives, the Inquiry report points out that from the very beginning of its history science has tended to disturb the religious, social, economic, and political status quo, and has been the subject of more or less public protest.

"The recent outcry, arising from the accelerating impetus of scientific achievement during the last few decades, and aggravated by special conditions of the world war and the recent depression, is nothing really new," the report declares. "A part of the public is again expressing its alarm and is calling on science either to stop its advances until social adjustments can be made or to contribute more aid than formerly to the social questions raised by scientific advances.

"In the present Inquiry no attempt is made to dis-



"Dad" Morgan's at football time
In its place, a beauty shop

cuss the demand that the advances in science be stopped, because we assume that the impetus of science makes this attempt futile," the report maintains. "The demand that science contribute more help to solving social problems seems to have a more reasonable basis, and our inquiry has therefore confined its attention to this question."

The Inquiry revealed that University treatment of problems in the combined field of natural and social sciences has been too much departmentalized, that there is a promising field of cooperative effort between social and natural sciences still unoccupied, and that in the natural sciences particularly not enough attention is being given to the social bearing of scientific findings, the report states.

The Inquiry recommends that Pres. Frank, in conjunction with deans of the various colleges of the University, call on the various groups which have reported to the Inquiry, and on others which may be formed, for a periodic review of progress on the subjects common both to the social and natural sciences.

"The natural science investigator should not leave the social interpretation of his results entirely to others, but that from his vantage point as the possessor of exceptional understanding of the scientific problem, he can contribute much more effectively than at present to the solution of the social problems involved," the report asserts. "A better perspective of the relation of his work to social problems will aid in the selection of scientific researches which will contribute to public welfare. Likewise, the social scientist can make earlier and better use of the many natural science contributions which touch his field."

'09 Baseball Team Plans Reunion

HOMECOMING festivities, which will take over the weekend of the Illinois football game November 17, have been bolstered by the announced presence of the Badger baseball squad of 1909. The group, including the entire personnel of the '09 team, has planned this unusual reunion in commemoration of their trip to Japan in the first foreign invasion by a Big Ten athletic organization.

Every member of the team is alive, with the exception of Dr. Charles McCarthy, who was the official representative of the university and general supervisor of the tour. With the majority of the squad recognized as some of the foremost athletes in the conference at this time, the Wisconsin-Illinois crowd will be able to look back with fond recollection at what constituted stardom in the good old days.

What was then a conspicuous novelty, the Badgers traveled 13,500 miles to compete against the Keio university nine of Japan. The foreign college officials furnished expenses which totaled \$5,000. On August 21, 1909, the squad assembled at St. Paul and returned to the same city on November 2.

The tour was highly successful. The

The Union Rathskeller
Cozy fires, good food, comfortable furnishings
and real *gemutlichkeit* attract students to this
male sanctum in the Memorial Union.

strange appearance of an American baseball team, which had journeyed half way across the American continent, and over the Pacific ocean, for a mere series of baseball tilts, sent the Japanese fans into a turmoil. President William H. Taft, then chief executive of the United States, wrote Ambassador Thomas O'Brien to extend all courtesies due to such an event.

Over 500,000 people watched the games, the greater part of which ended in the favor of the Wisconsin stalwarts. The team was feted wherever it went. En route it received the complete hospitality of the Alaska-Yukon-Pacific Exposition, and keys to nearly all the cities on the west coast were offered.

The squad included Douglas S. Knight, captain and pitcher, Bayfield; Charles M. Nash, pitcher, Wisconsin Rapids; Elmer E. Barlow, catcher, Arcadia; Arthur Kleinpell, catcher, Flushing, Mich.; Michael F. Timbers, first base, Mauston; John Messmer, second base, Lodi; Judge Allan Simpson, shortstop, Racine; Oswald Lupinski, shortstop, Milwaukee; Arthur A. Pergande, third base, Cleveland, O.; David M. Flanagan, left field, Bear Creek; Harlan B. Rogers, center-field, Portage; Ralph W. Mucklestone, right field, Seattle, Wash.; Genkwan Shibata, manager and interpreter, Okayama, Japan; Edwin C. Jones, press correspondent, Chicago.

Arboretum Given Federal Aid

A CREW of about 350 men, supported and controlled by the federal government through the Wisconsin emergency relief administration and its state transient bureau, began work during the summer months on 15 or more projects designed to make Wisconsin's 500-acre arboretum the finest outdoor laboratory for wild game conservation experimentation in the middle-west.

Regent approval was given to a project providing for the establishment of a transient camp in the arboretum. With the federal government constructing barracks to house 350 men, providing equipment and materials for the 15 projects, and entirely supporting the 350 men expected to be housed there, no state or University funds whatever will be expended on the project.

(Please turn to page 36)



While the strikes the hour

Regents Accept Carillon Bids Wisconsin's long dreamed of carillon is about to become a reality. The Board of Regents has approved a bid for the erection of the tower proper at a cost of approximately \$28,000. The tower will be built and the bells furnished through the co-operation of the classes from 1917 through 1926 and the federal government.

As most of you know, the idea of a chimes tower originated in 1917 shortly after the old dome on Bascom hall had burned. It was then the intention of the University officials that the dome should be restored and the class of 1917 set aside approximately \$1000 for the purchase of some chimes to be placed in the rebuilt dome. The dome was never rebuilt, but the nine succeeding classes contributed their class memorial funds to this purpose.

A little over a year ago agitation was started by Norris Wentworth, '24, to do something with this fund which then amounted to close to \$30,000. The federal government was appealed to and appropriated \$11,600 necessary to finish the job. Committee meetings were held, designs submitted and approved, bids asked for and, now, finally accepted.

The tower will probably be placed in the rear of Bascom hall on a knoll where the Blackhawk memorial now stands. No decision has been made on the type of bells to be purchased.

Journalism School Celebrates 30th Birthday The thirtieth year of instruction in journalism at the University of Wisconsin began with the opening of the academic year on September 26. The first class in news writing was organized by Dr. Willard G. Bleyer in the fall of 1905, and he has continued in charge of the instruction in journalism since that time.

From one course offered thirty years ago, the work in journalism and advertising has grown until it now consists of twenty-five courses, which includes all important phases of these subjects. Instead of one instructor, there are now eleven in journalism and advertising.

In the fall of 1906 a group of courses in economics, political science, history, literature, and journalism was arranged under the title of Courses Preparatory to Journalism, as a junior-senior curriculum for students interested in obtaining a broad background in preparation for newspaper work. Out of this course of study grew the four-year Course in Journalism and later the present School of Journalism.

Instead of the handful of students who enrolled in the first class in news writing thirty years ago this

fall, the school has in recent years been graduating fifty young men and women, many of whom have found places on the news and business staffs of Wisconsin daily and weekly newspapers.

WHA Renews Classroom Broadcasts

The Wisconsin School of the Air and the Wisconsin College of the Air, offering a total of 20 educational courses each week, resumed broadcasting activities on October 1. Lessons ranging from the primary to the adult level are included and will be heard regularly between now and next May.

The School of the Air offers 10 weekly programs for supplementing grade school work. It is now in its fourth year, having been started in 1931 by H. B. McCarty, MA '30. Broadcasts are heard at 9:35 a. m. and 2:05 p. m. daily.

The College of the Air provides carefully planned courses of instruction for out-of-school listeners. Ten courses are given. They are on the air at 1 and 3 p. m. each school day. This feature was organized in 1933 by Harold A. Engel, MA '32.

These features originate in the Campus studios of WHA in Madison, and are also

broadcast by WLBL at Stevens Point. Both stations are state-owned.

Kohler Scholarships Benefit Six

Six graduates of the high school at Kohler, Wis., are recipients of Kohler Family scholarships which will help them continue their studies at the University during the next one or two years.

The Kohler Family scholarships were established in 1927 by the Kohler family of the Wisconsin village which bears their name. The family gave \$20,000 to the University at that time to establish two scholarships.

They were originally given to encourage one deserving boy and one deserving girl, who shall be graduates of the high school of the village of Kohler, and whose intention it is to complete a four-year course of study, to attend their University. Recently the rules for the scholarships were changed in order to benefit a larger number of promising students.

State Politics Aired on Station WHA

A program of political broadcasting which leaders acclaim a far-visioned step in the creation of an enlightened electorate is being carried on this fall over state stations WHA in Madison and WLBL in Stevens Point.

All recognized parties participate in a program of political education which provides for an equitable



Broadcasting from the University station
Plays are broadcast by students every week

distribution of free time on the air. No censorship is exercised over speakers, each assuming full responsibility for his own statements.

The regular election series will run for a period of 4 weeks preceding the November election. It will start on October 8.

Wisconsin now leads the nation in the use of radio for a state service. Educational, governmental, agricultural, and many service agencies use radio to extend their benefits directly to the people.

The political education series is receiving national recognition. Regarding it, Henry Goddard Leach, editor of FORUM says: "Wisconsin, as usual, takes the lead. These programs should be of inestimable good in eliminating stupid prejudice and raising the political morale of the electorate."

Extension Division The functions of the extension bureau of dramatic activities had a statewide scope during the past year, with 341 communities served in furtherance of local drama and recreational plans, as shown by the report of the year's activities by Miss Ethel T. Rockwell, director.

The statistical side of the report shows 1,850 individuals and groups served with information and loan of plays. The number of plays and books on drama sent to residents of Wisconsin was 23,566.

Six plays and pageants were staged by the bureau; 31 plays were produced by the Wisconsin Drama guild, sponsored by the bureau; four drama institutes were held; three short course classes and one full-semester class were held in cities, and supervision was given to eight other short course classes.

A major activity during the year was the supervision by the bureau of a CWA project in recreation. Adult leadership training was carried on in all parts of the state by 15 supervisors in drama, music, and social games and group dancing projects. Three additional supervisors served Milwaukee county.

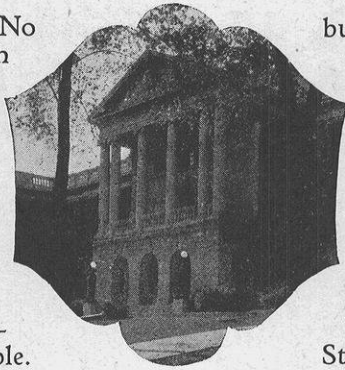
Miss Rockwell reported that during the past two years the number of "little theatres" has greatly increased in Wisconsin, the total now being about 60.

30 Portraits Presented to Engineers More than 30 portraits of the world's pioneers in science and engineering have been presented to the College of Engineering by the Engineers' Society of Milwaukee, and now are hanging on the walls of the main hall of the new mechanical engineering building.

The portraits picture the pioneers of many nations in the various fields of science and education. They were a gift of the Milwaukee engineers to the University's engineering college upon completion of the new building some time ago.

Along with the portraits hangs a bronze plaque which carries the following explanatory note:

"The imagination and work of the pioneers in science and engineering are the foundation of our present civilization. Their lives should be an inspiration to the young men who pledge their future to the advancement of science. Conscious of its duty to the rising generation, the Engineers' Society of Milwaukee presents these portraits of pioneers to the Engineering College of the University of Wisconsin upon the dedication of its new mechanical engineering



building so as to serve as a constant reminder of our debt to these men and to inspire the coming engineers to still higher accomplishments toward the goal of human happiness."

Included in the collection are portraits of Thomas A. Edison, Galileo Galilei, Wilbur Wright, Bunsen, Nikolaus August Otto, Lord Kelvin, Davy, Parsons, Franz Grashof, Newton, Planck, Ohm, Diesel, Hertz, George Westinghouse, Joule, Ericson, George Stephenson, Sadi Carnot, Marconi, James Watt, Faraday, Albert Einstein, Robert Fulton, Bessemer, Kirchoff, Maxwell, and L. F. Gay-Lussac.

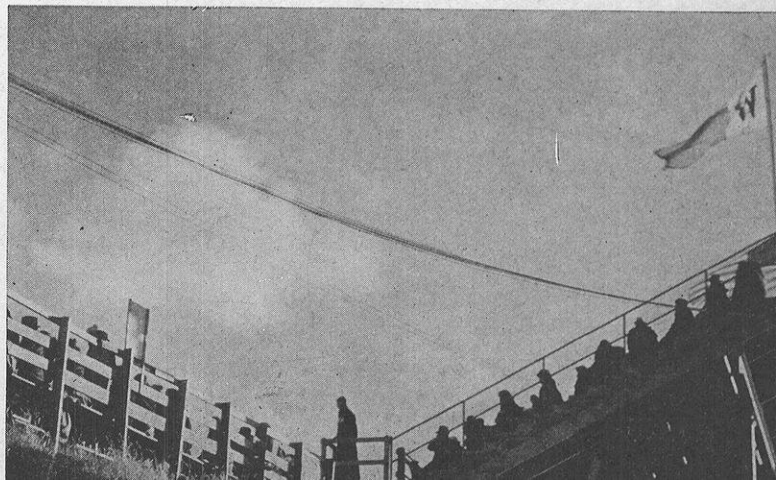
Increased Power Given WHA State - station WHA, broadcasting from the campus of the University, now operates with a power of 2500 watts. This is as much as is used by any Wisconsin station. Its location gives it a coverage of a greater portion of the population of the state than that enjoyed by any other station.

This boost in power has greatly expanded the service range of the station. In addition to a wide coverage in Wisconsin, large areas in Minnesota, Iowa, Illinois, and Michigan report good reception.

Alumni are invited to tune in WHA (940 kc.) and hear the programs originating at the University. Reports from listeners on the reception of the station will be greatly appreciated.

Players Announce Productions The 1934-35 University Theatre season will get under way Oct. 22 with "Behold This Dreamer" a satiric comedy by Fulton Oursler and Aubrey Kennedy. Several years ago the New York critics were unanimous in their praise of this comedy which they likened to "Beggars on Horseback". It is vaguely reminiscent of Pirandello and John Golden. In "Behold This Dreamer" the authors have presented for the audience's approval, a young man, a dreamer who soars to higher fields than those into which he has been thrown, who has married a prosaic wife who is one of a painfully prosaic family. They watch him, decide he is crazy and place him in a private sanitarium. It must be admitted that he offers very little objection to this idea. The very funny situations that arise while he is there form the most of the entertainment of the piece. It will be directed by J. Russell Lane who is now in charge of the University Theatre.

(Please turn to page 36)



W I T H Badger

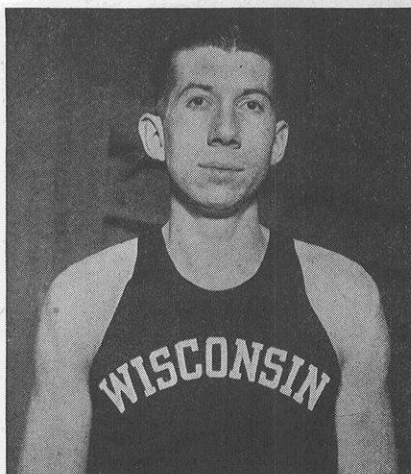
T H E Sports

Foster Named Basketball Coach

HAROLD E. "BUD" FOSTER, '29, was selected basketball coach by the Athletic Board at their July meeting. He succeeds Dr. Walter E. Meanwell who resigned to become Director of Athletics. "Bud" becomes the youngest basketball coach in the Western Conference.

Foster has been directly or indirectly under the guidance of "Doc" Meanwell for the past nine years. He played under the Little Doctor for three years and won conference honors in his senior year when he was captain. He was also placed on one of the mythical All-American teams selected in 1930.

In making his recommendation of Foster to the Board, Dr. Meanwell said:



Coach Harold Foster
Assumes "Little Doctor's" Duties

"The entire first and second teams of last season are expected to return and be eligible next fall. Four of the first team are seniors with two full years, while 10 lads have had one year experience in a definite system of play in which they have become proficient. The best interests of the team will be served by continuance of methods now well grounded.

"Mr. Foster assisted me last term and is therefore familiar with the coaching material employed and, as well, with the individual play and personal characteristics of the players. These are advantages which outweigh, in my judgment, the disadvantage of Foster's inexperience as head coach. The circumstances are such that at no other time, perhaps, will such experience be less essential.

"A majority of the players have been confidentially approached with respect to their preference as a coach. Foster is their decided choice.

"The promotion of men within the department to higher positions for which they possess adequate qualifications will increase application, incentive, and morale within the department."

Twelve conference and eight non-conference games have been scheduled for the basketball team this coming season. The athletic board has approved the following schedule:

Non-Conference

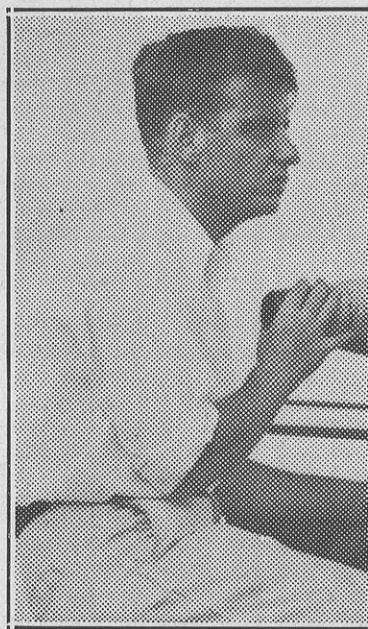
- Nov. 30—Franklin here.
- Dec. 7—Carleton here.

- Dec. 10—Wabash here.
- Dec. 15—Marquette here.
- Dec. 22—Marquette at Milwaukee.
- Dec. 29—Pittsburgh here.
- Dec. 31—Michigan State here.
- Feb. 6—DePauw here.

Conference

- Jan. 7—Northwestern here.
- Jan. 12—Chicago at Chicago.
- Jan. 14—Michigan at Ann Arbor.
- Jan. 19—Northwestern at Evanston.
- Jan. 21—Minnesota here.
- Feb. 11—Chicago here.
- Feb. 16—Indiana here.
- Feb. 18—Purdue at Lafayette.
- Feb. 23—Michigan here.
- Feb. 25—Minnesota at Minneapolis.
- March 2—Purdue here.
- March 4—Indiana at Bloomington.

Crew Prospers Under New Coach



Coach Ralph Hunn
Youngest Badger Varsity Coach

RALPH HUNN, captain-elect of the 1935 crew, was named coach of that sport at a meeting of the Athletic Board during the summer. He succeeds George W. "Mike" Murphy who resigned on July 1. Hunn's background is quite in keeping with his new job since he has been working on and about boats ever since he was a youngster. He was coxswain of the varsity boat for two years.

The new coach introduced a novelty in the crew program when he coached a boatload of regular oarsmen all during

the summer months. They engaged in three races and won all of them quite handily. The Milwaukee Rowing club was taken into camp twice at a mile and a quarter, once in Milwaukee and once again in Madison, and the recently organized Green Bay Boat club was decisively defeated at a regatta in Green Bay during the tercentennial celebration.

Plans are being made to return the sport to an intercollegiate basis just as soon as possible. If this can be done, Wisconsin will soon be represented on the Hudson at the historic Poughkeepsie regattas.

This and That ABOUT THE FACULTY

PROF. EDWARD R. MAURER, professor of mechanics, was recently awarded the Lamme gold medal for accomplishment in technical teaching at the annual meeting of the Society for Promotion of Engineering Education. The medal is awarded on recommendation of a committee of the society to a chosen technical teacher for accomplishment in technical teaching or actual advancement of the art of technical training. Prof. Maurer is a member of the class of 1890. He joined the University faculty as an instructor in 1892, becoming professor of mechanics in 1901. He was director of the summer school for engineering teachers at the University in 1929.

A LARGE DELEGATION of University of Wisconsin scientists participated in the 88th meeting of the American Chemical society during September. KARL LINK, professor of bio-chemistry, headed the Wisconsin group as chairman of the Wisconsin section. Among those who gave papers at the conference were Henry A. Schuette, W. H. Peterson, E. B. Fred, Gustav Bohstedt, Marvin J. Johnson, Dr. C. A. Elvehjem, Farrington Daniels, and Homer Adkins.

PROF. E. A. ROSS of the sociology department returned from a European trip shortly before the opening of school with a warning to this country of the nazi and fascist tendencies which have sprung up in the United States. He also brought back praise for the socialist order in Russia, which he discovered was not an "economic absurdity" and not like trying to square the circle as we used to be told.

"Instead of wasting time over petty bands of communists, who cast only 25,000 votes in the last election, we should watch nazi and fascist tendencies, which are a hundred times more dangerous because they have a much wider appeal," he said.

PROF. WILLIAM C. TROUTMAN, formerly director of dramatics at the University, is now production chief for radio station WLW at Cincinnati.

PROF. E. M. MCGILVARY, head of the philosophy department, was granted a pension at the close of summer school and will be on a half time basis during the coming year. He came to the University in 1905 to take charge of the philosophy department.

PRESIDENT GLENN FRANK has been named a member of a national citizens committee for the 1934

Mobilization for Human Needs. The committee will bring before the public reports of the present day social conditions in American communities preliminary to fall community chest campaigns.

PROF. ALDO LEOPOLD, professor of game management, and his wife, Mrs. Estella Leopold, archery instructor, will try their skill at bagging deer with a bow and arrow during the special deer season in Wisconsin from November 24 to 28. The Leopolds are accomplished archers and are expected to report home with their limit without much difficulty.

ARTHUR L. "SHORTY" BARTZ has resigned his position as athletic equipment manager after performing the duties for more than 15 years. He has been succeeded by W. J. Hannan, equipment manager at the University of Chicago for the past five years.

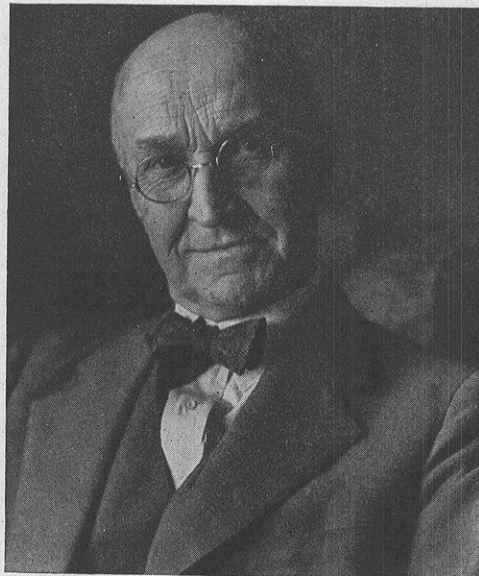
A TRANSLATION of the famous bulletin, Root Nodule Bacteria and Leguminous Plants, written by E. B. FRED, I. L. BALDWIN, and Miss ELIZABETH MCCOY of the agricultural bacteriology department has been published in Japanese. The translation was made by K. Konishi, a former student in the department, who is now bacteriologist

in the Chemical Institute of the Agricultural College of the Kyoto University at Kyoto, Japan.

A PRACTICAL means for determining the elastic strength of metal materials has recently been discussed by J. B. KOMMERS, professor of mechanics. The methods which Prof. Kommers has tried out are described in a recent series of articles by him in the technical journal, *Engineering*, printed in London, England.

Prof. Kommers cites his own results on a series of steel to show that for steel the elastic limit and the proportional limit are nearly identical. His results on a series of brasses show that in making a determination of the elastic limit, the repeated loadings used in making the test may influence the result obtained by changing the material from its original condition.

FATHER JOHN A. RYAN, summer session professor of economics at the University during the past session, was recently appointed one of three members of an NRA board of appeals to hear oppression cases brought by small business men.



Prof. E. M. McGilvary
Granted pension after 29 years

Alumni BRIEFS

Engagements

- ex '23 Jane Confer, Minneapolis to John T. BEATTY, Chicago.
- ex '26 Anita NETZOW, Milwaukee, to Dr. Johannes Jensen, Milwaukee.
- 1927 Elsie Thorstad, Madison, to Paul F. O'NEILL.
- 1928 Alet K. TOFTOY, Merrill, to Francis A. Redman, Clarksville, Tenn.
- 1928 Anita Vogel, Milwaukee, to Kenneth F. WEBSTER.
- 1930 Dorothy Bogk, Milwaukee, to Dr. Carlton S. BOLLES, De Pere.
- 1930 Jane M. NORRIS, Manitowoc, to Alois Fischl, Manitowoc.
- 1931 Dorothy L. Mayer, Kenosha, to C. F. SCHEER. The wedding will take place in October.
- 1931 Gertrude BUSS, Milwaukee, to Edmund COUCH, Jr., Denver, Colo.
- ex '31 Alice J. Dysart, Ripon, to Stanley M. HERLIN, Rockford, Ill.
- ex '31 Lucille Fredrickson, Madison to Nels ORNE. Mr. Orne is connected with the U. S. forest service in Milwaukee.
- 1932 Helen HOWLAND, Reedsburg, to Albert L. Reed, Appleton.
- 1932 Betty M. THOMSON, Madison to Dr. Rygel E. Farrand, Los Angeles.
- 1932 Alice M. KEYES, Madison to Ralph Moore, Austin, Tex.
- 1932 Eleanor MARLING, Madison, to Dr. Hart E. Van Riper.
- 1932 Dorothy FULLER, Milwaukee, to Howard L. BREDLOW, Wauwatosa.
- ex '29 1933 Kathryn Born, Bartlesville, Okla., to James H. HILL, Jr., Baraboo.
- 1933 Mary Louise NEFF, Madison to William Malcolm Beesom, Edmond, Okla.
- 1933 Helen ROBERTS, Lake Mills, to John E. CANFIELD, Edgerton.
- 1933 Ruth E. VAN DERSLICE, Oak Park, Ill., to Reginald M. COMSTOCK, Milwaukee.
- 1933 Jane Ann BARTLETT, Madison to William H. FRITZ.
- 1933 Mary Elizabeth PARKER, Glencoe, Ill., to Charles W. HANSON, Chicago.
- ex '34 1934 Mary Jane Anderson, Milwaukee, to Charles C. BRIDGES, Wauwatosa.
- 1934 Louise ZINN, Milwaukee, to Albert G. BARDES, Nashotah.
- 1934 Gertrude Mintz, Chicago, to Boris SCHUSTER, Stoughton.
- 1936 Norma FRITZ, Milwaukee, to Dr. Morton H. Mortonson, Jr.

Marriages

- ex '04 Margaret Elliott to John TRACY. At home in Ann Arbor. Both Mr. and Mrs. Tracy are on the faculty of the University of Michigan.
- 1910 Margaret N. H'DOUBLER, Madison, to Wayne L. CLAXTON on August 5. At home in Madison.
- 1931 Flora Fairchild Tobin to Edwin Phillips KOHL, both of New York City, on July 7 in New York. At home after November 1 at 229 E. 79th st.

- 1917 Mrs. Eleanor Workman Scarborough to George S. BALDWIN on August 14 at Santa Barbara, Calif. At home in Greenwich, Conn., where Mr. Baldwin is engaged in the real estate business.
- 1918 Verna L. JOHNSON to Merlyn J. Conover on February 21. At home in the Troy apartments, Great Falls, Mont.
- 1920 Adelin BRIGGS Hohlfeld, Madison, Faculty to Prof. Ralph LINTON on August 31 at Madison. At home at 1314 Randall court.
- 1920 Adelaide Hudson, Lombard, Ill., to Allen E. HATCH, Spring Green, on June 23. At home in Sparta, where Mr. Hatch is with the Wisconsin Tax commission.
- 1920 Amy Dreier, Norwalk, to Robert MONTEITH, Jr., Wauwatosa, on June 16 at Waukegan. Mr. Monteith is president of the Wisconsin Carbonic Gas co. of Milwaukee.
- 1921 Vivian G. Sweet, Monroe, to Bruce M. BLUM on June 23 at Monroe. At home in that city at 2913 Sixteenth ave. Mr. Blum is a member of the law firm of Blum & Blum.
- 1921 Mildred Griggs, Exeter, Calif., to Howard M. POSZ on June 9. Mr. Posz is with the Southern California Edison co., Visalia.
- 1922 Irma T. BORCHERS, Madison, to Grad Frederick BAXTER on August 11 at Baraboo. Mr. Baxter is a teacher of English and political science in the West Bend High school.
- ex '22 Kathleen KIMBALL, Pine River, to ex '22 J. Bon DAVIS, Marinette, on June 9 at Appleton. At home at 508 W. College ave., Appleton. Mr. Davis is connected with the Lincoln Life Insurance co.
- 1923 Hope Watson, Wakefield, R. I., to George C. DAVIS, Providence, R. I., on August 30 at Wakefield. At home at 46 Olive st., Providence, where Mr. Davis is practicing law.
- 1923 Marie Urban, Kenosha, to George E. SPRECHER on June 30 at Kenosha. At home at 302 Norris court, Madison. Mr. Sprecher is manager of the Wisconsin Consumers Cooperative, Inc.
- 1924 Carolyn Bumstead, Clinton, to Crawford ELLIS on July 28 at Clinton. At home in Beloit, where Mr. Ellis is employed by Fairbanks, Morse & Co.
- 1924 Bernice E. Smith, Minneapolis, to Price R. WILLIAMS on July 21 in Minneapolis. At home at 74 N. Cleveland ave., St. Paul.
- 1925 Marie Katherine CONNELL, Darlington, to Wilford J. Boyle, on June 25, at Darlington. At home in that city where Mr. Doyle is practicing law.
- 1925 Virginia BALLANTINE, Bloomington, to Gus Paul Hof on June 16 at Highland Park. At home in Madison.

- 1925 Marion Hatch, Chicago, to Courtland R. CONLEE, Milwaukee, on July 14 at Madison. At home in Milwaukee. Mr. Conlee is manager of the business service department of *The Milwaukee Journal*.
- 1925 Violet Lorraine HIGGITT, Milwaukee, to Earl G. FRANK on 1926 August 22 at Bay View. At home at 1809 Marion st., Milwaukee.
- 1925 Meta Mildred GUMM, Madison, to M. A. Carl E. JOHNSON, Eau Claire. At home in Eau Claire.
- '30 Catherine E. O'NEILL, Madison, to 1925 William A. MUELLER, Milwaukee, on July 31 at Madison. At home in Milwaukee at 839 N. Marshall st. Mr. Mueller is connected with the Milwaukee Bureau of the United Press.
- 1925 Gladys E. KROSTU, Madison, to 1925 Dr. Ishmael T. Pohle, Detroit. At home in Detroit.
- ex '25 Isabelle WINTERBOTHAM, Madison to Dr. H. Lewis Greene on August 7 at Madison. At home in Madison.
- 1925 Mildred E. ANDERSON, Madison, to 1926 Edwin C. MORGENROTH, Kewaskum, on September 1 at Madison. Mr. and Mrs. Morgenroth are working with the Julius Rosenwald fund and are making a survey of Negro education in the southern states.
- 1925 Elizabeth H. HARRISON, Sparta, to 1925 John Bingham Hurlbut on August 27 at Reno, Nevada. At home in Los Angeles where Mr. Hurlbut is practicing law.
- 1926 Thelma MELAAS, Madison, to 1926 Charles F. Hill on August 25 at St. Charles, Ill. At home in Madison.
- 1926 Ruth M. GUENTHER, Madison, to 1926 Clarence I. Shutes on June 27 at Madison. At home in Milwaukee.
- 1926 Genevieve SHEA Armstrong, to 1926 Lawrence B. Benkert, Detroit, on July 14. At home in Detroit.
- 1927 Vera Munsterman, New York City, to Paul R. AUSTIN, Wilmington, Del., on July 7. Mr. Austin is on the staff of the Du Pont corp. in Wilmington.
- 1927 Helen Barnes, Milwaukee, to Dr. 1927 Sylvester J. DARLING on June 25 at Milwaukee.
- ex '27 Aileen Noonan, Oconto, to Keith R. BEGGS, Clintonville, on June 25 at Oconto. At home in Clintonville.
- Ph. D. Margaret PRYOR, Madison, to '27 Dean Harry GLICKSMAN on August 11 in Madison.
- 1907 Hildegard Muller, Germany, to 1927 Marvin JOHNSON, Madison, on July 27 in New York City.
- 1927 Madeline L. Webster, Winona, Minn., to Dr. Gerald A. RAU, Two Rivers, on July 21. At home in Two Rivers.
- 1927 Mary M. McConnell, Butler, Pa., to 1927 Ross G. RUSCH, Easton, Pa., on June 25 at Butler. At home in

- Easton. Mr. Rusch is the code authority representative of the builders' supply industry of eastern Pennsylvania.
- 1927 Inez MCMANAMY, Madison, to James S. Hayhoe, Hillsboro, Ohio, on July 18 at Madison. At home in Hillsboro, where Mr. Hayhoe is general manager of the Enterprise Lumber co.
- 1927 Margery STANGEL, Manitowoc, to Roman Herman on August 25 at Manitowoc. At home in that city at 514 N. 5th st.
- 1927 Ethel MILLER, Madison, to Wayne Ph. D. SPROULL, Ansonio, Ohio, on '33 August 18 at Madison. At home in Detroit. Mr. Sproull is employed in the research laboratories of General Motors corp.
- 1927 Mary TAYLOR, Madison, to 1928 George L. EKERN on June 25 at New Rochelle, Ill. At home in Chicago.
- 1927 Elise MIDELFART, Eau Claire, to Dr. Charles V. SEASTONE, Jr., Madison, on September 8 in Eau Claire. Dr. Seastone is associated with the Rockefeller Institute for Medical research at Princeton, N. J.
- M. A. Marie CORRELL, Washington, D. '28 C., to Dr. Valentine S. Malitsky on June 27 at the Russian embassy in Washington.
- 1928 Eunice M. Welles, Minneapolis, to the Rev. Frederick W. HYSLOP, on August 28 at Minneapolis. At home at 360 First Avenue, S., Wisconsin Rapids.
- ex '28 Freda Klossner, Madison, to Gordon E. HILLIARD on August 11 at Madison. At home at 801 W. Dayton st.
- 1928 Lilly Carlson, Lake Nebagamon, to Leland H. HAYDEN on June 16 at Coleraine, Minn. At home in Superior, where Mr. Hayden is with the Wisconsin Highway Commission.
- 1928 Helen Ann KOPPLIN, Portage, to John P. Murphy, Mt. Horeb, on June 12 at Marshfield. At home in Marshfield, where Mr. Murphy is the high school athletic coach.
- ex '28 Dorothy Hoffman, to Michael O'LAUGHLIN on June 23 at Oak Park. At home in Hammond, Ind., where Mr. O'Laughlin is with the Northern Indiana Utility co.
- ex '28 Alice Rysticken to Frederick GRANT on August 18 at Milwaukee.
- 1928 Mildred Mills, Eau Claire, to Harvey J. RIDGE in June in Eau Claire. At home in Rice Lake, where Mr. Rice is teaching in the high school.
- 1928 Mary Genevieve ROCK, Superior, to Charles P. CADIGAN on August 1923 1 at Watertown. At home in Superior. Mr. Cadigan is the junior member of the law firm of Cadigan and Cadigan.
- 1928 Winifred C. SILJAN, Madison, to 1931 Aubrey ASHCRAFT BATES, Laredo, Tex., on August 23, at Madison. At home at 1602 Guadaloupe st., Laredo.
- 1928 Lillian Jacobs, Chicago, to Cameron THOMSON on June 9. At home in Waukegan, Ill., where Mr. Thomson is an engineer with the Johnson Motor co.
- 1928 Jean STRACHAN, Milwaukee, to 1927 Frederick C. SCHNEIDER on July 28 in Milwaukee. At home in that city at the Knickerbocker hotel.
- ex '28 Alma SCHROEDER, Madison, to Dr. E. H. Grumke, Lime Ridge, on September 1 at Madison. At home in Lime Ridge.
- 1928 Ann CUSICK, Oregon, to Stanley Barry, on August 11. At home at 504 N. Carroll st., Madison.
- 1929 Helen P. CHURCH, Milwaukee, to 1929 Myron S. REID, Oconomowoc, on July 21 at Milwaukee. At home in Oconomowoc.
- M. A. Margaret DALTON, Edgerton, to '29 Lawrence Curran on June 15. At home in Evansville.
- 1929 Anne L. Wildenradt, De Kalb, Ill., to Herbert ERDMANN on July 4 at De Kalb. Mr. Erdmann is an agricultural economist in the Department of Agriculture, Washington.
- 1929 Dorothy DRAPER, North Freedom, to Stanley Olynic, Chicago, on August 25. At home in Richmond, Va.
- 1929 Margaret E. JONES, Columbus, to Theodore Tuschen on July 11 at Columbus. At home in that city at 326 Prairie st.
- 1929 Irene JOHNSON, Wisconsin Rapids, to Bertram W. Nason on June 16 at Wisconsin Rapids. At home in that city in the Arpin apts.
- 1929 Katharine G. KEEBLER, Sturgeon Bay, to Frank A. Miller, Jr., Highland Park, Ill., on June 23. At home in Riverside, Ill.
- 1929 Pamela Ann LAURENCE, Delavan, to John BEST, Arlington Heights, on July 9 at Delavan. At home at 440 Virginia terrace, Madison.
- 1929 Mildred ALVIS, Madison, to Lloyd J. MEULI, Chippewa Falls, on 1932 August 2. At home in St. Paul.
- ex '29 Signe SMEDAL, Madison, to Leslie 1927 KINDSCHI on August 24 at Mansfield, Ohio. Mr. Kindschi is a senior medical student at Harvard University.
- 1929 Monona NICKLES, Madison, to Harold J. SCHANTZ on July 2 at Madison. At home at 1553 Adams ts.
- 1929 Bernadine E. Ludington, Madison, to L. O. TETZLAFF, Richland Center, on June 17 at Oconomowoc. At home in Richland Center, where Mr. Tetzlaff is supervising principal of the city schools.
- 1929 Sara E. SHAPIRO, Milwaukee, to Oscar M. Prusow, Marshfield, on June 24 at Milwaukee.
- 1929 Eileen COWGILL, Madison, to 1935 George TREPANIER, Oconto, on June 27 at Madison. At home at 444 Hawthorne court, Madison.
- ex '30 Luella BLAKELY to Edward Kelzenberg on July 17 at Madison. At home in Madison.
- 1930 Kathryn L. CROWELL, Almond, to Edward K. Scribner, Muskegon, Mich., on July 7 at Almond. At home in Muskegon.
- 1930 Lila V. Bang, Elgin, to Bertram M. BORRUD, Stoughton, on August 11 at Elgin. At home in that city at 252 S. State st. Mr. Borrud is an engineer with the Illinois State Highway department.
- 1930 Agnes Sodergren, Rockford, Ill., to Donald F. HANSEN, Evansville, on August 16 at Rockford. At home in Urbana, Ill. Mr. Hansen is an assistant zoologist in the natural history survey at the University of Illinois.
- ex '30 Kathleen GRABILL, Fort Atkinson, to Frank J. Batalya. At home in Chicago.
- 1930 Virginia H. Schantz, Minneapolis, to Joseph J. KELIHER, Madison, on June 26 at Madison. At home in this city.
- 1930 Florence E. JONES, Portage, to D. Webster Johnson, Evansville, on June 23 at Portage. At home in Cedarburg.
- 1930 Adena M. HABERKORN, Edgerton, to Albin E. ANDERSON, St. Croix Falls, on June 23 at Edgerton. At home in Manitowoc, where Mr. Anderson is a bacteriologist with the White House Milk co.
- 1930 Lois FISH, Madison, to Erhard H. Buettner, Milwaukee, on June 23 at Madison. At home at 925 E. Wells st., Milwaukee.
- 1930 Dorothy HOLT, Edgerton, to 1929 Robert H. PRATT, Milwaukee, on July 27. At home in Milwaukee. Mr. Pratt is an electrical engineer at the Globe Union co.
- 1930 Stella M. Engels, Marshfield, to Robert W. LIESE on July 13 at Marshfield. At home in Los Angeles.
- ex '30 Hazel Marie Gloe, Two Rivers, to Leslie O. PEUSE, New Lisbon, on June 27 at Two Rivers. At home in New Lisbon.
- 1930 Helen R. Becker, Milwaukee, to Leslie Leo O'HEARN on September 3 at Milwaukee. At home in that city at 1709 E. Park place.
- 1930 Anita WANNES, Burlington, to Harold M. Wyatt, Fond du Lac, on August 1 at Chicago. At home in Fond du Lac.
- 1930 Jean SUTHERLAND to L. Humphrey Walz on July 3 at Janesville. At home at 592 Merrick road, Oceanside, N. Y. Mr. Walz is a graduate of Amherst and Oxford.
- 1930 Janette TORKELSON, Merrill, to 1932 LaVern GILBERTSON, La Crosse, on July 9 at Merrill. At home in Philadelphia.
- 1930 Donna KRUEGER, Independence, ex '26 Kans., to Donald UTTER, Stoughton, on July 7 at Lexington, Ky. At home in Salem, Ind. Mr. Utter is connected with the Indian Refining co.
- 1930 Margaret WEGNER, Sheldon, to Maurice Jones, Sparta, on June 16 at Madison. At home at 620 Ash st., Baraboo.
- ex '30 Jessie Kirkpatrick, Minneapolis, to Melvin SCHLEIFE, Phillips, on June 16 at Minneapolis. At home in Shawano.
- ex '30 Violette J. Cady, Hartford City, Ind., to Leonard WARTZOK, Brooklyn, on June 4 at Berrien Springs, Mich. At home in South Bend, Ind.
- ex '30 Margaret E. CAREY, Madison, to 1931 Lyle J. CARPENTER, Belvidere, Ill., on September 1 at Madison.
- 1930 Esther Griesemer, Bremen, Ind., to James W. ARNOLD, Madison, on June 24. Mr. Arnold is an engineer in the airways division of the Department of Commerce.

- 1931 Marjorie CARR, Oak Park, to Van
1931 L. JOHNSON on June 30 at Ox-
ford, England. Mr. Johnson, who
spent the past three years studying
at Oxford under a Rhodes scholar-
ship, is an instructor in classics at
the University.
- 1931 Mary CALLENDER, Racine to
1932 William W. MEYST, Evanston, on
June 28 at Racine. At home in
Evanston.
- Grad Dorothy Kubitz, Appleton, to
'31 Melvin L. REESE, Green Bay, on
June 23 at Chicago. At home in
Green Bay. Mr. Reese is a teacher
in the vocational school.
- 1931 Marcia Carsley, Helena, Mont., to
Ronald G. DAVIS, Madison, at
Helena. At home in Minneapolis,
where Mr. Davis is in the adver-
tising department of General Mills.
- 1931 Genevieve Benson, Madison, to
Edgar E. GIBBONS on August 27
at Madison. At home in Madison.
- ex '31 Dorothy M. DRIVES, Milwaukee,
ex '28 to Eugene E. MUENZBERG on
June 30 at Madison. At home at
2301 N. 62nd st., Milwaukee.
- ex '31 Esther GOLDBERG, Rio, to Her-
man Halperin on June 16 at
Chicago. At home in Madison.
- 1931 Marion DWINNELL to John A.
1929 KORFMACHER, Cottage Grove, on
July 21 at Rockford. At home in
Prairie du Sac.
- 1931 Clara F. HUERTH, Madison, to
ex '34 Herman HEIM on July 25 at Mad-
ison. At home in this city at 405
N. Frances st.
- ex '31 Shirley Meyers, White Plains, N.
Y., to Elliott NYSTROM on June
16 at White Plains. At home in
that city. Mr. Nystrom is an ac-
countant for William Randolph
Hearst.
- ex '31 Dorothy Durner, Evansville, to
Charles W. LITTLETON, Madison,
on June 29 at Evansville. At home
at 2104 University ave., Madison.
- ex '31 Ann Rose Gross, Viroqua, to Carl
MEADOWS, Los Angeles, on June
22 at Chicago.
- 1931 Violet GUNDLACH, Madison, to
ex '31 Louis OBERDECK, Rochester,
Minn., on July 1 at Madison.
- 1931 Miriam E. ROUSE, Monroe, to
Harold A. Shaffer, Minneapolis, on
June 19 at Minneapolis.
- M. S. Alice E. Benson, Spring Valley, to
'31 Alton D. MATHISON, Woodville,
on June 30 at Gilman. At home
in Milwaukee.
- 1931 Mary Angell, Madison, to Irving
ROBERTS, on July 14 at Schenec-
tady, N. Y. At home at 132 Jay
st., Schenectady. Mr. Roberts is
with General Electric co.
- M. S. Mary V. Goerner, St. Louis, Mo.,
'31 to Allen R. OSTRANDER, on Aug-
ust 16 at St. Louis. At home in
that city at 6649 Washington ave.
Mr. Ostrander is an instructor in
the geology department of Wash-
ington university.
- 1931 Elaine MINCH, Belleville, to Ken-
1929 neth L. MAHONY, Madison, on
August 22 at Belleville. At home
in Kansas City. Mr. Mahony is
on the faculty of the University of
Kansas City.
- 1931 Agnes Thibadeau, Colman, to
Adrian MCGRATH, Highland, in
August. At home in Niagara.
- 1931 Clara D. ROTTER, Milwaukee, to
Allan E. Magee on August 4 at
Milwaukee.
- ex '31 Mildred R. MCKENNA, Madison,
ex '34 to Frank G. SCOBIE on July 28
at Madison. At home in this city.
- ex '31 Ruth Seim, Edgar, to Herbert NA-
BER on July 2 at Edgar. At home
in Mayville.
- 1931 Dorothy M. Stangel, Tisch Mills,
to William E. LEAHY on August
8 at Tisch Mills. At home in
Sauk City, where Mr. Leahy is a
teacher.
- 1931 Olga Kumershek to Arthur THOM-
SEN on July 31 at Waukegan. At
home in Madison. Mr. Thomsen
is coach of the hockey team at the
University.
- ex '31 Marjorie Millard, Green Bay, to
Raymond WENDT, Redfield, S.
Dak., on June 22 at Redfield. At
home in Pierre, S. Dak. Mr.
Wendt is employed by the South
Dakota Highway commission.
- 1931 Phyllis M. HANDFORD, Madison,
S. S.
1930 to Carl R. WOLF, Wausau, on
June 30, at Madison. At home in
Berlin.
- ex '31 Dorothy Haass, Kaukauna, to Gil-
bert E. STANNARD, Greenbusch,
on June 20 at Kaukauna. At
home in Greenbusch.
- 1931 Evelyn K. WALTER, West Bend,
to Carl Holt Smith II, Jackson-
ville, Fla., on June 30, at West
Bend. At home on Atlantic Beach,
Jacksonville.
- 1931 Ireta Bertelson, Salt Lake City, to
Dr. George L. BOYD, Portland,
Ore., on June 19, at Vancouver,
Wash. Dr. Boyd is ship surgeon
on the General Pershing.
- 1931 Dorothy KRUMHOLZ, Arcadia, to
1933 Feridum ACHKI, Stamboul, Tur-
key, on August 9 at Stamboul.
Mr. Achki is the supervising en-
gineer of a railway construction
crew in Kurdistan, where the
couple will live for a year. Later
they will live in Stamboul.
- 1932 Esther L. Shoemaker, Tulsa, Okla.,
to William P. STEVEN on July 7
in Tulsa. At home in that city
at 226 W. 9th st. Mr. Steven
is on the staff of the *Tulsa Tri-
bune*.
- ex '32 Ileen DUTCHER, Appleton, to
Alex J. Manier on June 30 at
Appleton. At home in the Doty
apartments, Neenah.
- 1932 Harriet SNYDER, Hartford, to
ex '35 William HARTMANN, Pittsburgh,
on June 9 at Hartford. At home
in Pittsburgh.
- 1932 Eleanor Weaver, Geneva, to Rob-
ert COOK, Williams Bay, on July
21 at West Allis. At home in
Williams Bay. Mr. Cook is ath-
letic director and teacher in the
high school.
- 1932 Irma D. Lower, Lanark, Ill., to
James K. COLEHOUR on July 10
at Lanark.
- ex '32 Margaret R. Goodson, Macon,
Mo., to Kenneth M. CORMANY,
Beloit, on August 21 at Macon.
At home in Beloit. Mr. Cormany
is with the General Refrigeration
co.
- 1932 Margaret Ashton Holvenstot, Mad-
ison, to Delpnos BRAULT, on
August 28 at Rockford. At home
at 301 Huntington court, Mad-
ison.
- ex '32 Florence Nora FIEDLER, Madison,
1928 to Arthur C. ANDERSON, on July
9 at Madison. At home at 1451
Rutledge st.
- 1932 Julia GROSVENOR, Chicago, to
1930 Dr. Scott H. GOODNIGHT, Jr., on
June 30 at Chicago. At home at
107 N. Randall ave., Madison.
- 1932 Margaret HAMMERSLEY, Milwau-
1934 kee, to William M. KELLY on
June 23 at Milwaukee. At home
in Milwaukee, where Mr. Kelly is
practicing law in the office of Ham-
mersley & Torque.
- 1932 Catherine JOHNSON, Marshfield, to
1935 Harold SOUTHWORTH, Utica, N.
Y., on September 29, 1928 at
Waukegan. At home in Madison.
Mr. Southworth is continuing his
studies at the University.
- ex '32 Kathryn E. MAUERMANN, Mon-
1929 roe, to Dr. Palmer R. KUNDERT,
Madison, on June 21 at Monroe.
At home in Madison at 333 Ran-
dall ave.
- ex '32 Alma KARSTEN, Columbus, to
1932 Orson S. MORSE, Des Moines,
Iowa, on June 23. At home in
Iowa City.
- ex '32 Beatrice M. MATHEWS, Sturgeon
1930 Bay, to Paul H. ROSENTHAL,
West Allis, on June 30 at Mad-
ison. At home in West Allis.
- ex '32 Eliza Ruiz, Evanston, Ill., to
Franklin B. MEAD, Madison, on
July 7 at Evanston.
- ex '32 Ethel Neuschaefer, Fremont,
to James G. LAUSON, New Holstein,
on July 16 at Plymouth. Mr.
Lauson is employed at the Arps
corp, in New Holstein.
- 1932 Virginia A. MEEKS, New York
1932 City, to C. Howard CUNNING-
HAM on July 20 in New York.
At home in that city at 105 E.
15th st.
- 1932 Dorcas BRANSON, Wilmette, Ill.,
1931 to Robert J. NICKLES, Jr., Mad-
ison, on August 24 at Wilmette.
At home in Madison at 318 E.
Gorham st.
- ex '32 Marjorie SCHULTZ, Milwaukee, to
ex '32 Ralph E. WILLIS on August 7
at Milwaukee.
- 1932 Helen KUENZLI, Wauwatosa, to
1932 Stanley WEIDENKOPF, Baraboo,
on July 17 at Wauwatosa. At
home at 806 E. Main st., Mount
Horeb. Mr. Weidenkopf is super-
intendent of a CCC camp.
- ex '32 Esther WOLLAEGER, Milwaukee,
1931 to Herbert J. MUELLER on Aug-
ust 18.
- ex '33 Alvena Rindy, Belleville, to
Dwight J. ZWEIFEL on July 28
at Freeport. At home in Montic-
ello.
- ex '33 Marguerite RAHR, Manitowoc, to
Paul Callahan on July 8 at Mani-
towoc.
- 1933 Modesta ELMER, Madison, to Dr.
Carl A. S. GUNDERSON on August
24 at Madison.
- ex '33 Jettie Lee LUELLEN, Topeka,
Kans., to Richard Edleblute on
June 8 at Topeka. At home in
that city at 330 Broadmoor st.
- ex '33 Lois J. Martin, Lewiston, Mont.,
to Burleigh ALLEN on August 24
at Madison. At home at 334 W.
Main st., Madison.
- Grad Lillou BURNS to Charles Lee Mc-
'33 Cain, both of Birmingham, on
July 3. At home in that city.
- Grad Margaret Washburn to Roger
'33 GUILLES on June 19 at Galena.
- M. A. Kathryn Soine, Manitowoc, to

'33 Newton T. JONES on June 20 at Menomonie. At home at 714 N. 5th st., Manitowoc.

1933 Virginia HOVEY, Madison, to William F. KACHEL, Jr., Milwaukee, on June 30 at Madison. At home at 276 E. Wabasha st., Winona, Minn. Mr. Kachel is a civil engineer with Merritt, Chapman & Whitney corp.

ex '33 Gladys OTIS, Madison, to Leonard HEISE on August 19 at Madison.

ex '33 Helen GORSUCH, Waupun, to James E. MARTIN, Green Bay, on August 4 at Milwaukee. At home in Green Bay.

ex '33 Helen Mae Miller, Madison to Chester C. THIEDE, Appleton, on August 25 at Madison. At home in Appleton. Mr. Thiede is associated with the Thiede Clothing co.

1933 June Maxine ALTON, Livingston, to Edward L. TATUM, Madison, on July 28 at Livingston. At home in Madison. Mr. Tatum is an assistant instructor at the University.

1931 Helen Ruth SELMER, Green Bay, to Robert D. WRIGHT on June 21 at Green Bay. At home at 1422 Mound st., Madison.

1933 Sara HOOPES, Marysville, Ohio, to Arnold J. ULLSTRUP on June 19 at Marysville. At home in Madison. Mr. Ullstrup is a research associate in the department of plant pathology at the University.

1931 Wilma WHEELER, Viola, to Frank G. Robinson, Chicago, on June 14 at Dubuque, Iowa. At home in La Crosse.

ex '35 Jane C. REYNOLDS, Madison, to H. Cedric HAHN on September 1 at Madison. At home at 1731 Bever ave., S. E., Cedar Rapids, Iowa.

ex '33 Alice Ashwell, Essex, England, to Edward M. YAEGER, Beloit, on August 30 at Beloit. At home in that city at 829½ Bluff st. Mr. Yaeger is in the office of the Yates American Machine co.

1933 Louise V. MORGAN to Robert N. COOL on August 31 at the Little Church Around the Corner, New York City.

ex '34 Clara ORTON, Madison, to Frank CLEMENS on July 2 at Madison. At home in Decatur, Ill.

1934 Ruth H. Babler, Madison, to Traugott SENN, Jr., Monticello, on July 28 at Madison. At home in Madison.

1934 Mildred E. ALMY, Durand, to 1930 Milford A. COWLEY, La Crosse, on June 30 at Eau Claire. At home in La Crosse. Mr. Cowley is on the faculty of the La Crosse State Teachers college.

ex '34 Anne A. Clementson, Lancaster, to A. C. Vandewater ELSTON on June 10 at Lancaster. At home in Muscoda.

ex '34 Dorothy MCCORMICK to Noel Fox on August 1 at Madison. At home in the Rebor apartments, Milwaukee. Mr. Fox is enrolled in the law school at Marquette university.

1934 Marie PETRIE, Milwaukee, to Lauren Meyers on August 4 at Milwaukee. At home in that city at 2615 N. Cramer st.

1934 Martha FORBES, Babson Park,

1934 Fla., to Dr. Frank J. FISCHER, Jr., on June 15 at Madison. They will spend a year in Cleveland while Dr. Fisher takes his internship at Cleveland City hospital.

1934 Cecilia DANIELS, Madison, to Charles ELKINTON, Milwaukee, on August 19, 1933 in Chicago. At home at 216 Stanton ave., Ames, Iowa. Mr. Elkinton is a member of the faculty of Iowa State college.

1934 Helen Clark, Madison, to Harold E. MEYTHALER at Moline, Ill. At home at 42 Breese terrace, Madison.

1934 Viola M. HANSEN, Madison, to Earl W. KISSINGER, Elkhart Lake, on August 31 at Madison. At home in Delavan. Mr. Kissinger is with the Wisconsin Power & Light co.

ex '34 Dorothy E. DE LONG, Racine, to Ralph H. KEHL, Neenah, on July 21 at Racine. At home at 203 Doty apts., Neenah. Mr. Kehl is with the Kimberly-Clark Paper mills.

1932 Evelyn B. NELSON, Chicago to 1934 Dr. Richard W. GARRITY, Beloit, at Wausau. At home in Chicago.

1934 Pearl E. Buntz, Madison, to Oscar G. MOLAND, Clintonville, on June 16 at Madison.

ex '34 Alexa INDERMUEHLE, Juneau, to M. A. Charles H. WEST, Madison, on July 27 at Houghton, Mich. At home in Madison. Mr. West is employed in the statistics depart-

ment of the Industrial commission.

ex '34 Helen NISS, Cleveland, to George ex '35 NINOW on September 8 at Cleveland. At home at 7338 Euclid ave., Cleveland.

1934 Ruth VIALL, Janesville, to George M. A. J. SKEWES, Union Grove, on '30 August 22 at Madison. At home in Mayville, N. D. Mr. Skeyes is head of the education department at the state teachers college.

1934 Mary MCKILLICAN, Hibbing, ex '34 Minn., to Charles R. WILBUR, Dixon, Ill., on July 7 at Hibbing. At home in Dixon, Ill. Mr. Wilbur is manager of the Wilbur Lumber co.

ex '34 Ione BOSSER, Madison, to Henry ex '31 ULLSVIK, Madison, on August 19. At home at 2342 E. Washington ave.

ex '34 Margaret GALLIGAN, Washburn, Ph. D. to Harry V. TRUMAN on June 14 '33 at Madison. At home in Beloit. Mr. Truman is on the faculty of Beloit college.

1934 Jane B. SADEK, Milwaukee, to Arnold S. Malver on June 24 at Milwaukee.

1934 Frances M. SCOTT, Maywood, Ill., ex '34 to Harold C. BRADLEY, Jr., Madison, on August 1 at Madison. At home in New York City. Mr. Bradley is studying at the Institute of Musical Art.

1934 Mona R. MAEGLI, Milwaukee, to Myron L. Goldschmidt, Madison, on September 3 at Madison. At home at 2510 Chamberlin ave.

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- ex '34 Lois G. Bainbridge, Mifflin, to Harry R. TURNER, Montfort, on June 19. At home in Montfort.
- ex '34 Marjorie H. Zietlow, Big Creek, to Norman CLAFLIN on June 11 at Denver, Colo. At home in Denver.
- ex '34 Mavis Ebert, Fond du Lac, to Rudolph H. JUSTL on June 21 at Fond du Lac. At home in that city.
- 1934 Frances PLAIN, Chicago, to Donald W. WEBSTER, Milwaukee, on June 30 at Milwaukee.
- 1933 Julia GARTON, Sheboygan, to Delmar W. HUENINK on June 25 at Sheboygan. At home in that city at 1230 N. 7th st.
- ex '34 Anne TENNEY, Madison, to David M. MCQUEEN, Wilmington, Del., on July 28 at Madison. At home on Mount Salem Lane, Wilmington.
- 1935 Millen W. POST, La Farge, to ex '35 Cornish O. HEMMING on August 7 at Rockford.
- ex '35 Marrian KASDIN, Madison, to Sidney Schwartz on August 12 at Chicago. At home in Madison.
- ex '35 Florence C. KIEFER, Madison, to 1931 John F. GOETZ, Jr., on August 14 at Madison. At home at 16 S. Broom st.
- ex '35 Adelaide MURPHY, Green Bay, to ex '32 George E. BILLS, Oshkosh, on July 28 at Rockford.
- ex '35 Ruth OELAND, Madison, to Robert B. MORSE on August 20 at Madison. At home in the Clark apartments, Sterling place.
- ex '35 Elizabeth Bertles, Spokane, Wash., to Samuel A. WELLS, Menominee, Mich., on June 27 at Spokane. At home in Menominee.
- ex '35 Vera JACOBSON, Madison, to ex '31 Donald R. WICKERSHAM, Peoria, on August 27 at Madison. At home in Peoria.
- ex '35 Virginia OHNHAUS, Madison, to 1932 Russell DYMOND, Belvidere, Ill., on June 30 at Madison. At home at 302 Norris court.
- ex '35 Maxine KOOLISH, Chicago, to 1932 Jerry SALK on July 15. At home at 6018 Kenmore ave., Chicago.
- ex '35 Margaret McKenzie, La Crosse, to Eugene HOESCHLER on June 27 at La Crosse. At home in the Kohler apartments in that city.
- ex '36 Madge Elkington, Adams, to Robert MCGREGOR, Friendship, on July 29 at Waukegan. At home in Adams.
- ex '36 Winifred Woerfel, Sawyer, to Edward WEBER, Jr., Sturgeon Bay, on July 17 at Waukegan. At home in Sawyer.
- ex '36 Beryl E. WILLIAMS, Baraboo, to ex '36 Richard J. GOODRICH, Madison, on August 5 at Baraboo. At home at 430 Cantwell court, Madison.
- ex '36 Helen J. Becker, Middleton, to Herman J. THOMAS, Jr., Chicago, on September 18, 1933. At home in Chicago.
- ex '36 Opal Jung, Burlington, to Laverne HOFFMAN on July 31.
- ex '36 Winifred A. JONES, Madison, to 1934 James L. SPANGENBERG, on June 21 at Madison. At home in Madison.
- 1937 Dorothy FENSKE, Beaver Dam, to Wallace E. Gogert on June 17 at Beaver Dam. At home at 618 Clemens ave., Madison.

Births

- 1915 To Mr. and Mrs. Carrington H. STONE a daughter, Victoria Clayton, on July 21, at Chicago.
- 1919 To Mr. and Mrs. Maurice HANSON (Elizabeth B. FOXWORTHY) a son, Roger Wayne, on August 28 at Madison.
- 1924 To Mr. and Mrs. Henry C. FULLER (Mary L. CALDWELL) a second daughter, Margaret Ann, on March 15.
- 1921 To Dr. and Mrs. Frank L. WESTON (Ruth E. JOHNSON) a son, Carl Burton, on August 27 at Madison.
- 1922 To Mr. and Mrs. Carl E. BRONSON (Mary RILEY) a daughter, Mary Carl, on July 26 at Denver.
- ex '28 1923 To Mr. and Mrs. Seymour F. PERCHONOK a daughter, on August 20 at Milwaukee.
- 1923 To Dr. and Mrs. William J. MURPHY, Manitowoc, a daughter, on August 30.
- 1923 To Mr. and Mrs. R. U. GOODING (Thelma JOHNSON) a son, Ralph, Jr., at Normal, Ill.
- Ph. D. 1921 To Prof. and Mrs. Richard C. EMMONS (Pearl E. HOCKING) a daughter, Nancy Jean, on August 1 at Madison.
- '24 1924 To Mr. and Mrs. Harvey H. KARNOPP a son, Dean Charles, on June 12 at Wauwatosa.
- 1924 To Mr. and Mrs. S. W. MEAD (Dorothy WILLIAMS) of Wisconsin Rapids a daughter, on August 29.
- 1925 To Mr. and Mrs. Gordon L. RIDGEWAY (Beatrice SCHROEDER) a son, Gordon Lee, Jr., on August 26 at Cleveland.
- 1928 To Mr. and Mrs. Walter J. PARSONS, Jr., (Julia M. JOHNSON) a second son, James Madison, on July 10 at Minneapolis.
- 1926 To Mr. and Mrs. Charles MC-CARTHY (Kathleen KONOP) a second son, Philip, on March 3.
- 1927 To Mr. and Mrs. Hassell S. Vaughn (Stella M. KERR) a daughter, Roberta Kerr, on December 17, 1933, at Stevens Point.
- 1927 To the Rev. and Mrs. John M. CLEVELAND of Hartland (Dorothy K. L'HOMMEDIEU) a son, on August 29.
- ex '26 1927 To Mr. and Mrs. Wallace A. COLE (Helen LYONS) a son, John Wallace on July 7 at Oshkosh.
- 1925 1928 To Mr. and Mrs. John GODSTON (Rachael PHILLIPS) a son, Joel, on July 4.
- 1928 To Mr. and Mrs. Gerald Bean (Lorraine THOMS) a son, Donald Stanley, on June 18.
- ex '29 To Mr. and Mrs. Eugene Sammon (Venice PIERSTORFF) a son, on August 29 at Madison.
- 1929 To Mr. and Mrs. Ronald G. STEPHENSON (Alice NIEMAN) a daughter, Carol Alice, on July 18, at Thiensville.
- 1930 1928 To Mr. and Mrs. Duane R. Terry (Emily DAWSON) a son, on June 5, in New York City.
- 1931 To Mr. and Mrs. Carlos QUIRINO (Margaret DAWSON) a daughter, Cornelia, on June 4, at Manila, P. I.
- ex '31 1930 To Mr. and Mrs. A. M. HUTH (M. Lorena POWERS) a daughter, Mary Lorena, on August 17 at

Eau Claire.

- 1930 To Mr. and Mrs. Harold REBHOLZ a second son on August 16 at Portage.
- 1931 To Mr. and Mrs. Kenneth WALTERS (Elizabeth EASTERLY) a son, on July 10 at Madison.
- 1932 To Mr. and Mrs. Aubrey J. WAGNER (Dorothy HUBER) a daughter, Audrey Grace on July 11.

Deaths

LOUIS A. PRADT, '81, died at his home in Wausau, Wis., on June 26. After graduation, Mr. Pradt opened law offices in Wausau where he practiced continuously with the exception of nine years which he spent in Washington as assistant attorney general under Presidents McKinley and Roosevelt. While connected with the attorney general's office, he was in charge of the work in the court of claims. In 1905 he was one of the incorporators of the American Red Cross, serving as first counsel for the organization. At the time of the World War he was organizer of the Marathon county chapter of the Red Cross and served as its first president. He was vice-president and a director of the Wausau Record-Herald company and was a charter member of the Wausau country club. He served for two years as the president of the Wisconsin State Golf association. He is survived by his widow and three children.

NORMAN E. VAN DYKE, '88, city attorney of Wisconsin Dells, formerly Kilbourn, Wis., died on June 21 after an illness of several weeks. Mr. Van Dyke established his law office in Kilbourn in 1893 and practiced there ever since. He is survived by his wife and two children, Mrs. Madge Carpenter of Milwaukee and a son, S. P. Van Dyke of Wisconsin Dells.

DR. A. H. HARTWIG, Ag. Short. '89, died at his home in Watertown on June 19 following a brief illness. Dr. Hartwig was serving his second term as mayor of his home town. He was a well known figure in the veterinary field and was one time state veterinary under Gov. McGovern. He also conducted a page in Hoard's Dairyman, one of the nation's leading agricultural journals. He is survived by his wife and one son, Harold, city attorney of Watertown.

THEODORE KRONSHAGE, '91, a former president of the Board of Regents, died at his home in Milwaukee on July 30 after an illness of several months. After receiving his law degree from the University, Mr. Kronshage opened a law office with the late Judge Tarrant in Milwaukee. It was in this office in 1896 that plans were conceived by Mr. Kronshage and several others to put the late Robert M. La Follette, Sr., in the field as a candidate for governor. Mr. La Follette was defeated in that campaign but was successful in the succeeding election and started his many years of active political life. Mr. Kronshage was appointed to the Wisconsin railroad commission in 1931 and was immediately elected chairman. When that commission was abolished and the public service commission set up to take its place several years later, Mr. Kronshage was appointed to that commission and was serving as its chairman at the time of his death. He had also served for a number of years on the old State board of educa-

tion and the Board of Normal School Regents. He retired from active practice of law in 1926. He is survived by his widow, Maud Barnett Kronshage.

MRS. MARY MAIN McDONOUGH, Sp. '92, prominent Madison business woman, died on September 3 following an appendectomy several weeks before. She was an active alumna of Delta Gamma sorority. She is survived by her two brothers, Edward S. Main of Evanston and Royal C. Main of Madison.

HERBERT M. HASKELL, '93, Law, '92, of the Los Angeles and Long Beach, Calif., bar, died at his home on April 27, 1934, after a long illness. Mr. Haskell retired from his active law practice in 1917, thereafter devoting his time to real estate and finance. He was one of the organizers and directors of the California First National Bank of Long Beach, and was also among the organizers and directors of the Long Beach building and loan association, Home Ice and Cold Storage co., and the B. & H. Transportation co. He is survived by his wife and two daughters.

GILBERT CYRUS GRISIN, '96, died at his home in Seattle, Washington, after a long illness. He is survived by his wife, Mrs. Laura K. Grisin.

JOHN C. HART, '96, a well-known Waupaca attorney, died at a Rochester, Minnesota hospital on July 20, following an operation at the age of 66 years. Mr. Hart was graduated from the Law school, and for 36 years carried on an active practice of his profession at Waupaca, Wisconsin. He was a member of the Waupaca County and the State Bar Associations, and the American Bar Association since 1914. Mr. Hart is survived by his widow, two sons, and two daughters.

JUDGE EDWARD VOIGT, '99, judge of the Fourth Judicial circuit in Wisconsin, former Congressman, and public servant in several other capacities, died at his home in Sheboygan on August 26. Judge Voigt served as district attorney of Sheboygan county for three terms and served the city of Sheboygan as city attorney for two terms. Shortly after the completion of his last term as city attorney, Mr. Voigt was elected to Congress where he served with distinction for ten years. He retired from political life in 1927 to return to his home town to practice law. Shortly after, the incumbent of the circuit court judgeship announced his intention to resign at the conclusion of his term. Friends induced Mr. Voigt to run for the office and he was subsequently elected by a huge majority. He assumed his new duties on January 1, 1929 and he built up a splendid record as a most just and exacting judge. He was elected president of the Wisconsin State Board of Circuit Judges in 1929. He was re-elected to the judgeship in April of this year without opposition. He is survived by his widow and one daughter, Carol.

MRS. CLAUDE M. BERRY (RUBY M. ACKER), '02, former superintendent of schools in Fond du Lac county, died at Long Beach, California, on August 21. She was well known in educational circles about the State as one of the most outstanding educators in secondary school work.

ROBERT M. DAVIS, '02, Law '04, prominent Tacoma, Washington, attorney, civic leader and orator, died at his home June 22, after a brief illness. Mr. Davis was born at Sun Prairie, Wis., July 25, 1877. After graduation from the Law School, he began practice at Tacoma, and made his home there ever since, and at the time of his death was the recognized leader of the local bar, with a state-wide reputation as a lawyer and civic leader. He never sought office but his services as a trial lawyer and in political campaigns and civic affairs were in much demand. He was president of the Kiwanis Club, Vice President of the Tacoma Chamber of Commerce, President of the Northwest Bible Schools, member of school boards and philanthropic friend to boys and their organizations, in memory of his deceased son, Robert M., Jr. He is survived by a son, Bradford, and a sister, Mrs. Reba Davis Clevenger.

JAMES B. BLAKE, '04, died at his home in Milwaukee on July 4. Mr. Blake was a member of the law firm, Miller, Mack and Fairchild. He specialized in the corporate fields of the law, including financing and mergers.

NORMAN WALKER SANBORN, '06, was found dead in a field near Sioux City, Iowa, after he had jumped from a transcontinental bus enroute to his home town, Ashland, Wis. Mr. Sanborn was a victim of gassing during the war and it is believed that the terrific heat at the time of the accident, sent him temporarily insane and caused him to jump. He is survived by his parents, Mr. and Mrs. A. W. Sanborn, whose golden wedding he was enroute to attend.

MRS. GILES H. (EMMA HART SHAW) PUTNAM, '07, died at her home in New London, Wis., on June 27 following a long illness. Before her death, Mrs. Putnam was very active in civic work in her community.

JOSEPH R. PFIFFNER, '09, prominent Stevens Point attorney, died at his home in that city on July 21 after an illness of several months. Mr. Pfiffner practiced law in Watertown, Tomahawk, and Wausau, Wisconsin, before opening his office in Stevens Point. He was city attorney of Tomahawk for a number of years. Mr. Pfiffner was active in public affairs of Stevens Point and the Wisconsin river valley and was prominent in the work of the Democratic party.

STANLEY G. GORDON, ex '13, died at La Crosse on June 6 following an appendectomy which was followed by peritonitis. He was a member of the law firm of Gordon, Law and Gordon. He was district attorney of La Crosse county at one time and was active in State politics during the past few years. He served with the artillery of the Third Army during the World War and was a past commander of the American Legion post at La Crosse. He is survived by his parents, his widow, and a daughter.

FRED C. RAGAN, ex '17, a prominent Wisconsin Rapids furniture dealer, died on June 25 following a heart attack. He left the University to enter the Army during the World War.

(Please turn to page 33)



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In the ALUMNI World

Class of 1882

Florence BASCOM, professor emeritus of Bryn Mawr college, is engaged in the completion of some geologic folios for the U. S. Geological Survey, covering eastern Pennsylvania. Six such folios have appeared and two more are ready for the press. Her winter address is U. S. Geological Survey, Washington, D. C., and her summer address is R. D. No. 3, North Adams, Mass.

Class of 1886

Mrs. J. L. O'Connor (Annie WOOD) of Milwaukee was the only member of '86 who registered at Alumni Headquarters last June. Mrs. O'Connor stayed at Barnard Hall for five days. She attended the Commencement exercises and visited friends and relatives in the city.

Class of 1893

Charles Coolidge PARLIN, accompanied by his wife and younger daughter, is making a tour of the world. They will visit Japan, China, Korea, Dutch East Indies, India, Palestine and Egypt. Mr. Parlin is manager of the Commercial Research division of the Curtis Publishing company. He expects to be "back on the job" about January 1.

Class of 1895

The work of Dr. Edwin B. COPELAND in establishing the agricultural college of the University of the Philippines was praised recently in an address by Pablo Mabun, a Filipino and president of the University International club. Dr. Copeland was dean of the college for a number of years and now is engaged in special botanical work for the Philippine government.

Class of 1896

Oliver B. ZIMMERMAN gave an important paper on "The Technical Determination of Stress Surges in Loaded Wheels" at the Detroit annual meeting of the American Society of Agricultural Engineers on June 22. So far as is known, this is the first analysis of its kind made and formed the basis for the manufacture of far better wheels than now exist, as proved by numerous tests.

Class of 1899

George I. HAIGHT was one of three lawyers who were awarded a fee of \$1,522,500 for their services in obtaining refunds of \$20,700,000 from the Illinois Bell Telephone co. for certain classes of services. The award was made by Judges Evan A. EVANS and William Sparks of the U. S. circuit court of appeals and District Judge James H. Wilkerson. The telephone suit had continued seven years and twice appeals had been taken to the U. S. supreme court. It was one of the largest utility suits ever prosecuted in this country.

Class of 1900

Benjamin POSS on June 13 delivered the eulogy at the burial of Christian DOERFLER, formerly Justice of the Supreme Court of Wisconsin, at the Forest Home Cemetery chapel in Milwaukee.—Robert E. DIETZ resides at 941 Hague ave., St. Paul.—B. J. (Pete) HUSTING is the U. S. District Attorney for the eastern district of Wisconsin, with offices in the Federal building, Milwaukee.

Class of 1901

John M. KELLEY, vice president of Ringling Bros. circus, addressed the Shrine club of Madison prior to the appearance of the circus in the city in August. Kelley opened a law office in Baraboo following his graduation from the University and later began doing legal work for the circus, which was starting there. Since that time he has been the general counsel of the circus and is said to know the organization inside and out.

Class of 1902

Dr. Solomon HUEBNER, educational adviser for the Massachusetts Mutual Life Insurance co., was the speaker at one of the luncheon meetings of the Milwaukee Kiwanis club in July. Dr. Huebner is also professor of insurance and commerce at Wharton School of Finance, University of Pennsylvania, and dean of the American College of Life Underwriters.

Class of 1903

Anne H. MACNEIL Johnson writes: "My daughter, Charlotte, was graduated in June from Cincinnati University Medical school. She is interning at present at Cleveland City hospital. At the end of the year she will take a second year's internship in pediatrics. She hopes to specialize later in psychiatry as applied to pediatrics. My older son, Edwin, completed the civil engineering course at the University of Cincinnati in June. He made Tau Beta Pi, honorary civil engineering fraternity, and was awarded a membership in A. S. C. E. (this membership is given to the most outstanding student in the graduating class). Frances, my younger daughter, was married on January 13, 1934 to Frederick Johnson, assistant federal prosecuting attorney for this district. My younger son, Malcolm, completed his first year in commercial engineering at Cincinnati in June. I am still a realtor, a member of the Cincinnati Real Estate board. Business has been very quiet but gives some evidences of improvement. Within the past few months, B. H. Kroger, retired chain store grocer, paid \$1,000,000 for the ground lease to a leading business corner. Kresge paid \$19,000. per front foot for a lot in the same block in April." —Denis L. HENNESSEY has been elected president of the Berkeley, Calif. Lions club. He has been principal of the Garfield Junior High school in that city since 1916 and is a prominent civic and fraternal leader. During years in Americanization work he personally prepared more than 3,000 adult foreigners for American citizenship.

zanship. His "Twenty-five Lessons in Citizenship" is used as a textbook by nearly every candidate for citizenship in the Pacific Coast states and has an annual circulation of 10,000 copies.

Class of 1904

One of the features of the Sheboygan, Wis. Centennial and Homecoming celebration was a banquet in honor of William URBAN who has served for twenty-five years as principal of the high school. Over six hundred guests were present.

Class of 1906

Gretchen, the daughter of Ralph and Orpha JONES COLLIE, is reported as attaining the highest honors in the 1934 graduating class of the Germantown High school, Philadelphia. She received the highest average of any pupil for the four years and won both the Latin club and English club prizes and the four-year scholarship at Bryn Mawr.

Class of 1908

Dr. Karl J. THEIGE has opened an office for the practice of medicine in Viroqua. Previously he has been practicing in Chicago, Minneapolis, and La Crosse.—Mabel GILKEY Walker has returned to her winter home in St. Petersburg, Fla., after spending the summer in Oskosh.—Randolph SIZER is manager of the National Realty Management co., Inc., of San Francisco.

Class of 1909

Edward P. FARLEY has been appointed one of the trustees of the Munson steamship lines to assist in reorganization. He is well known in the shipping trade as an admiralty attorney.—Max W. KING, formerly with the J. G. White Engineering corporation on irrigation work for the Mexican National Irrigation commission, has accepted a position as construction engineer for the International Boundary commission, U. S. section, at El Paso, Texas.—Louis P. LOCHNER, as chief of bureau of the Associated Press of America at Berlin, was a side-line observer of three major events in Central Europe. He reported the Hitler "blood purge" of June 30 in detail; he was sent to Vienna to report the events attendant upon the murder of Chancellor Dollfuss; and then hurried back to Germany to report the death of President von Hindenburg. Following this he went to Norway for a rest.—Chester E. RIGHTOR, formerly with the Detroit Bureau of Governmental Research, is now director of the Atlantic City Survey commission.—Blanche PHILLIPS Dawson is living at 1004 Lincoln st., Burbank, Calif.—Walter G. GRIMMER is the owner of Grimmer's Drug store at 2157 Myrtle st., Detroit.—Huldah M. LOOMIS is a trained nurse in New York City. Her residence address is 485 Park ave.—Alexander W. MORGAN is budget director of the Toledo Edison co. His home is at 2909 Collingwood ave., Toledo.—Frank J. NATWICK can be reached at 10841 Wellworth ave., West Los Angeles, Calif.—Lorraine RECKER is a librarian in the Minneapolis

Public Library.—James R. WHITTIER is a salesman with the General Electric co. in Cleveland.

Class of 1910

Alice J. ELLINWOOD writes from Bangkok, Siam: "The Wattana Wittaya Academy, of which I am principal, is a school with a twelve year course. There are 220 boarders and about forty day students. Day students are accepted in the primary classes only. I am also principal of the Hua Lumpong school, a day school with about 120 students. Graduates of these schools are found as teachers and mothers all over Siam."—Susanna QUALE Flint will return to the U. S. A. in the summer of 1935 on furlough after six years spent in the American College of Madura, India. Mr. Flint will remain on the field until 1936. Mrs. Flint plans to bring two sons to this country for their education. An older son and daughter are now enrolled in an American college.—Kenneth F. LAYMON is a rancher in Del Norte county, Calif. In addition to his ranching he is interested in the lumber business, is a bank director, president of the Chamber of Commerce, and president of the County Dairymen's association.—David S. HANCHETT is teaching in the Fieldston school, New York City. He lives at 3900 Greystone ave., The Bronx.—Henry A. TRUE, Jr. is the land and lease representative of the Producing dept. of the Texas co. at Shelby, Mont.

Class of 1911

Ernest P. DOYLE writes from the Canal Zone: "Started to work on the Panama Canal in 1913 and am still here. I would like to hear from some of my old classmates."—Lita BANE, editor of the woman's department of the Ladies' Home Journal, was a visitor in Madison during the summer.

Class of 1912

Elbert C. STEVENS, Mrs. Stevens, and their children, John Hay, aged 18, Leslie Elizabeth, 14, and Jane Mardie, 12, returned to this country last year after a long sojourn in Istanbul, Turkey. They have since been living in Camden, N. J., where Steve is general secretary of the Y. M. C. A.—Dana HOGAN is president of the Hogan Petroleum co., 1007 Petroleum Securities bldg., Los Angeles.

Class of 1913

Edward D. REYNOLDS was a member of the faculty of the summer session of Hunter college, New York.—Mr. and Mrs. Frank H. MADISON and their two children, "Buddy" (U. W. '49), and "Dolly" (U. W. '51), returned to their Washington D. C. home in August after a six weeks stay in Denver. Frank is chief of the mining section in the Bureau of Internal Revenue, and the Denver visit was made in the interests of the government.—Clifford A. BETTS, formerly engineer on the Owyhee dam, is now in Washington on the technical staff of the Mississippi Valley committee. His address is 4042 Interior bldg. Mrs. Betts was Edna E. CANTRIL.—Dr. Alvin R. LAMB is connected with the U. S. Government Sanitary Dept. Laboratory Investigation in Honolulu, Hawaii. He is living at 438C Kuanoo st.

Class of 1914

John C. FEHLANDT is manager of the Kansas City district office of Barron G. Collier, Inc., street car advertising, with offices at 312 Commerce Trust bldg., Kansas City, Mo.—Howard Mumford JONES, professor of English at the University of Michigan, will speak at the meeting of the Wisconsin Library association in Milwaukee on October 11.—James W. HARRIS, Jr., is an advertising salesman for the *Los Angeles Herald-Express*. He is living at 3074 N. Fair Oaks, Altadena, Calif.

Class of 1915

Katherine E. FAVILLE has left Detroit, where she was head of the department of nursing of the University of Detroit, to become associated with Marion G. Howell in the course in public health nursing in the School of Applied Social Sciences of Western Reserve university, Cleveland.—Will A. FOSTER has been appointed vice president in charge of sales for the Borden Dairy co. in San Francisco.—Mr. and Mrs. Lester Cushing ROGERS (Lucile PRITCHARD '16) and their four children have moved from Cleveland to 320 N. Sheridan road, Highland Park, Ill. Lester is vice president of Bates & Rogers Construction co.—Stanley CLAGUE is with the Modern Hospital Publishing co. at 919 N. Michigan ave., Chicago.

Class of 1916

Edward H. GARDNER has been appointed executive secretary of the Advisory Committee on Advertising of the Proprietary association. Before assuming his new duties he was associate director of the Consumer Census of R. L. Polk & co. in New York City.—Floyd E. JENKINS was recently elected president of the Carroll College Alumni association.—Edwin J. BRUNNER is operating the People's Drug store in Bayfield, Wis. He has spent the last ten years in pharmacies in Cumberland, Eau Claire, and Superior.—Sumner RODRIGUEZ is now located in San Francisco as a sales executive with the S. O. Co. of Calif. He is living at 1470 Alvarado, Burlingame, Calif.

Class of 1917

Robert C. JOHNSON, former director of the CWA in Wisconsin, has been appointed director of the investigation into the relief and tax situation in the counties of the state.—Virginia GLEERUP Dasso is teaching Spanish in Los Angeles Polytechnic High school and living at 941 W. Hadley st., Whittier, Calif. She is the mother of three children.

Class of 1918

At the 17th annual conference on industrial regulations held at Silver Bay, N. J., on August 23, Glenn GARDINER, assistant to the president of the Forstman Woolen co. of Passaic, N. J., predicted national unemployment insurance within the next year. "There is no doubt," he said, "that social insurance, including unemployment reserves of some sort, will take the center of the stage at the next session of Congress and that legislation of some sort in this field will be on the books next year. There is increasing social mindedness among employers, and employers must assume some responsibility for their em-

ployees or have it dumped on them."—Lucy ROGERS Hawkins was elected editor of "The Matrix," quarterly magazine of Theta Sigma Phi, at the national convention held in Indianapolis in June.—At the convention of Lions International held at Grand Rapids, Mich. in July, Frank BIRCH of Milwaukee was elected a vice president. In three years he will automatically take the presidency of the international organization. Frank is a vice president of the Klau-Van Pietersom-Dunlap Associates, Inc., an advertising firm.—Lyman A. BEEMAN writes: "From all accounts we missed something by failing to appear at the reunion of '18. Our excuse is that we were on a trip west. Although important features of this trip were Mrs. Beeman (Cecile ARPIN, ex '21) landing her first mountain trout and the two boys, Lyman, 10, and David, 7, riding in the parade which opened the Cody Rodeo, the high spot for me was my reunion with Gene GRANT, '17, at his summer place in the Gallatin mountains."—John LINEN is in the bond department of the Chase National Bank, New York. His home address is 171 Montrose ave., South Orange, N. J.—Everett C. EDWARDS is a petroleum geologist in California with the Standard Oil co. He lives at 701 V st., Bakersfield.

Class of 1919

Wallace MENGELBERG is in the insurance underwriting business as vice president of the Lumbermans Mutual Insurance co. He is living at the Norman hotel, Chicago.

Class of 1920

William G. HUBER is a civil engineer with the Pennsylvania Water and Power co., Lexington Bldg., Baltimore. He has been engaged recently upon the power development at Safe Harbor, between York and Lancaster on the Susquehanna river.—E. A. STOKDYK has been elected to the presidency of the Bank for Cooperatives in Berkeley, Calif. He was a member of the faculty of the University of California for a number of years.—Emmett P. SMITH has become a partner in the firm of Harley, Haydon & co., investment securities, Madison.—V. H. LIU is associated with the Department of Audits, closely allied with the Ministry of Finance of the Nationalists government in Nanking, China.—Henry E. SMITH, superintendent of schools at South Milwaukee since 1928, has been selected as superintendent of the Sheboygan schools to succeed Charles E. HULTEN, '22.—Eta SNODGRASS is executive secretary of the American Theosophical society. She is located at the national headquarters of the society at Wheaton, Ill.—Alfred H. TAYLOR is treasurer of the Chicago Retort and Fire Brick co., Chicago. He is also busy acting as secretary and treasurer of the Universal Locomotive Arch co. and the Farr Maphite co.

Class of 1921

Paul A. HOLMES, managing editor of *The Milwaukee Sentinel*, was recently elected secretary of the Sentinel corp.—Dr. Hubert FEE of Duluth is now an associate in the school of dentistry of the Medical College of Virginia at Richmond. Before leaving Duluth he was honored at a farewell banquet sponsored by the dental society of that city.—The August 27 issue of *Time* contained an account of the experiences of Howard P. JONES, secretary

of the National Municipal League, and a companion in Germany. While observing a parade of storm troops they failed to salute the Nazi swastika. A storm trooper dashed out of the ranks and struck Jones' companion. Instead of beating a retreat, the two men sought out the commander of the troop and pointed out the attacker. Three days later the U. S. Consulate General at Berlin received official apologies from the German government with the assurance that the guilty storm trooper would be punished.—Mabel L. COOK is director of the speech department at Milwaukee-Downer college.

Class of 1922

Esther POTTS Slocum, during the fur- lough of the treasurer of the University of Nanking, acted as assistant treasurer. A staff of six handled the work in connection with a budget of a million dollars, local currency. Five of these were Chinese.—Professor and Mrs. J. W. WILLIAMS have sailed for Upsala, Sweden, where Williams will do research work in physical chemistry at Upsala university.—Robert E. MCDONALD, M. D., has been appointed assistant clinical professor of obstetrics and gynecology at Marquette University School of Medicine.—Bill PURNELL is now manager-director of radio stage shows and choruses at Station WTMJ, Milwaukee. He will do some announcing but his work will be principally confined to directing commercial and sustaining programs.—Barbara HILDRETH Lathrop is a teacher of music and music training in the F. K. Lane High school in Brooklyn. Her home address is 50 Orange st. She and her husband, who is a music instructor in Brooklyn College, have made concert tours and have appeared in Chautauqua work all over the U. S. and Canada within the past few years.

Class of 1923

Dr. Harold J. DVORAK has been awarded a fellowship for study in Europe by the Institute of International Education. His fellowship has been granted by the Czecho-Slovakian government and will give him a year's work at Charles University in Prague.—J. Forrest CRAWFORD, agricultural director of the Near East foundation, writes from Beirut, Syria: "We are as busy as ever conducting our farm school and extension program in the Lebanon. We have a conference of "Village Welfare Service" student volunteers this week. Next month our short course in agriculture for village teachers will start. Wish I could have returned for reunions but could not this year. My contracts expire here this fall, and if I can find any work in America next year, I hope to visit Madison."—Harold C. BALDWIN supervised the playground work in Superior during the past summer. The work, conducted as an FERA project, was carried on at ten centers with an enrollment of over a thousand children and adults.—Chris BONNIN, formerly a title attorney for the New York Title and Mortgage co., is now with the Four Wheel Drive Auto co. of Clintonville, Wis. During the past year he also acted as secretary of the depositors' committee and the reorganization committee of the First National bank in that city.—Ralph SCOTT has been signed as assistant football coach at Montana State college, Billings.—Albert E. BLUM has been promoted to the position of acting director of

the securities division of the State Public Service commission at Madison.—Robert MORONEY is selling stocks and bonds with Carr, Moroney & co., in Houston, Tex.—Solly SEAMANS has been conducting a general insurance business in Los Angeles. He is living at 613 N. Alta drive, Beverly Hills, Calif.—Constant MICHAEL is with the Montgomery Brewing co. at Montgomery, Minn.—Everett W. JONES is the business manager of the Albany, N. Y., General hospital. He and Jenny MARTIN Jones, '20 are living at 1927 Western ave.—James J. STEWART can be reached at 612 N. 4th st., Grand Forks, N. Dak.—Katherine KEEN Lessig is making her home at 242 Merion road, Merion, Pa.—Seymour F. PERCHONOK writes: "I am chairman of the mathematics department at Custer High school, Milwaukee, where I have been since graduation."

Class of 1924

Edward S. DODGE has received the sales agency for the state of Wisconsin on Kyrock brand of Kentucky Rock Asphalt. This material is used for roads, tennis courts, school playgrounds, walks, etc.—Doris GORMELY, since receiving her M. A. at the University of Pennsylvania, has been teaching Spanish in the high school at Leonia, N. J. She studied during one summer school in Madrid. This past summer she returned to Spain on a freighter of the Garcia Diaz co. and spent eight weeks visiting the ports around the entire coast of that country.—C. Russell BURNHAM has been appointed a member of the agronomy department staff of the University of West Virginia. Since graduation he has held a two year fellowship with the National Research Council, a teaching fellowship in the California Institute of Technology, and a fellowship at Yale university.—Olive THOMAS, M. S., is teaching in the geography department of Whitewater State Teachers college.—Lars L. HYDLE spent the summer in Europe. He is on the faculty of Ball State Teachers college, Muncie, Ind.—Edwin E. JOHNSON is a distribution engineer with the Chicago Surface Lines.—Donald V. ZOERB is teaching in the Clayton, Mo. public schools. He lives at 3018 Bartold st., St. Louis.

Class of 1925

Kathryn SHATTUCK was re-elected vocational consultant of the fraternity register at the national convention of Theta Sigma Phi held in Indianapolis in June.—Marian GUILD Mathias writes: "Since our marriage on October 6, 1928, we have lived in Fort Worth, Texas, twice in Oklahoma City, twice in Kansas City, Mo., a short while in Denver, Omaha, St. Joseph, and now since January, 1933 at 6739 Chappel ave., Chicago. All this for Wilson Packing co., for whom my husband is a buyer. Harold, Jr., was born four and a half years ago in Oklahoma City, and John Guild, two and a half, in Kansas City. We spend our summers at Lake Okoboji, Iowa."—Mr. and Mrs. A. D. VETESK (Bertha KELHOFER, ex '26) recently purchased a home at 220 Springharbor Road, R. D. No. 5, Jackson, Mich.—Harvey L. BECKER has been appointed county agent of Oneida county. Formerly he taught in the high school at Phillips.—Horace S. FRIES, assistant professor of philosophy and psychology at Lawrence college, will be on leave of ab-

sence during the second semester, and will be at the University.—Emilie Drew SANDSTEN is a teacher of English and supervisor of the Kincaid school in Houston, Tex. She traveled around the world in 1929-30, to Mexico in 1932, and to Yucatan in 1933.—Robert C. SALSBURY is with Herrick, Heinzelmann & Ripley, Inc., investment securities, in Syracuse, N. Y. He and Margo TOPP Salsbury have two children and are living at 225 Melbourn ave.—Sam ESTES is a sales engineer with the Commonwealth Edison co.—George KLOSER is on the faculty of the animal husbandry department of the New York State Training School for Girls, Hudson. He is living in Claverack, N. Y.

Class of 1926

Clara PETERSON Kittleson has moved from Stevens Point to 5 Concord ave., Cambridge, Mass.—John E. DUNLAP is practicing medicine in Dallas, Tex.—Boyd BURKHARDT is a doctor in Tipton, Ind. His business address is the Emergency hospital in Tipton.—Charles S. WHITE is with the American Airways, Inc., and may be reached at the Municipal Airport, Chicago.—Florence HAMMANN Edwards is a dietitian at the U. S. Marine hospital in Baltimore.—Katherine FENELON Thompson is in the advertising department of Stokley Bros. & co., Indianapolis.—Paul D. YOUNT is a probation officer with the State Board of Control at Marinette.—William E. NICHOLS is the principal of the Washington and Franklin schools in Oshkosh.

Class of 1927

An article on unemployment insurance by Stan KALISH appeared in one of the summer issues of the *American Mercury*.—Lucile K. BILLINGTON is at present nutritionist with the Community Health association of Boston. She has served as a student dietitian at Sea View Hospital, Brooklyn, and later spent one year at the Neurological Institute, New York Medical center, as administrative dietitian.—Dr. Kurt R. MATTUSCH, now in the American Consular Service in Berlin, writes: "I had hoped to be able to join in the reunion festivities but I was unable to make the trip. Perhaps I will be in a position to visit my old Alma Mater later on in the year, and I am anxiously looking forward to seeing the campus and my friends again."—Dr. Howard LEE is now on the staff of the Oshkosh Clinic.—William F. PRICE, formerly principal of the Richland County Normal school, is on the faculty of the Oshkosh State Teachers college.—Wencel J. MAHLIK and his family enjoyed a vacation trip of 6,000 miles. They visited Wisconsin, stopping at Green Bay, Milwaukee, and Madison. Mr. Mahlik has begun his fourth year as superintendent of schools at Bovill, Idaho. Gengo SUZUKI, M. A. writes: "Since April, 1930, I have been teaching Business and Industrial Administration, Social Policy, and Reading in English Economics at the Government college of Commerce at Taihoku, Taiwan, Japan." Several months ago he made a trip to visit Fuchou, Shanghai, Tsingtau, Peiping, Tientsin and Manchukuo for the purpose of studying economic conditions. He met Dr. William Liu in Peiping.—Capitola OLMSTED had a wide experience this past summer. She divided her time as counsellor among three

Girl Scout camps at Innisfree, Mich., Sheboygan, and "Rotary" in Rockford. In addition she attended the summer session at the University of Chicago.—John P. MANN, M. A., for the past seven years superintendent of schools at Evansville, has been named superintendent of the schools at South Milwaukee.—Harold G. LAUN is a broker with F. S. Moseley & Co., 135 S. La Salle st., Chicago.—Harold T. HINES is manager of the group insurance department for the Aetna Life Insurance co. in Kansas City, Mo.—Louise BARBEE Tower is living at 50 Soundview drive, Mamaronek, N. Y.

Class of 1928

An article about Catherine MARKS Wheeler and her work as dietician at the Methodist hospital, Madison, appeared in the May, 1934 issue of *Better Health*.—Mr. and Mrs. Clyde KLUCKHOHN (Florence ROCKWOOD, '27) are back in Albuquerque where Clyde is teaching anthropology at the University of New Mexico. They spent the first part of the year in Europe and Clyde completed his third year as a Rhodes scholar at Oxford.—Dr. C. E. ROACH is now associated with Dr. Robert Hyslop of Freeport, Ill., with practice limited to children's diseases.—The Rev. Frederick W. HYSLOP, formerly Congregational student pastor at the University, has accepted a call to the pulpit of the First Congregational church at Wisconsin Rapids.—J. Herbert HEISE of Janesville has been elected president of the Rock County Progressive Youth league.—John ALLCOTT has returned after a year's sojourn in Europe. Most of his time was spent in Florence, Italy, studying under Italian painters.—Eleanor G. CRAWFORD is the assistant librarian in the Wausau Public library.

Class of 1929

Through error the June issue of the magazine stated that Asher E. TREAT has obtained the position of assistant first French horn player with the New York Philharmonic orchestra. He has neither obtained nor sought such a position, but was invited to play at that desk in one of the concerts of the Philharmonic. He is still teaching in the biology department of the College of the City of New York and expects to continue in that field.—Margaret SCHERMERHORN Sykes spent the summer in Madison as a guest of Mr. and Mrs. Porter BUTTS, '24 (Mary Lou CAMPBELL, '28).—Annabel WOOD, M. A., spent six weeks abroad with the Drama League of America under the leadership of Blanche Yurka, well known actress.—Dr. Glenn H. Nelson, Ph. M., is directing the junior high school unit of the training school at Whitewater State Teachers college.—Dr. Alton SCHMITT is practicing medicine in Sheboygan.—Albion JOHNSON is shift foreman of the casting department of the American Brass co. at Kenosha.—Daniel H. KUENZLI is working in the La Crosse division of the Wisconsin Highway commission and living at 115 S. 19th st., La Crosse.—Mr. and Mrs. Gordon R. CONNOR (Mary I. RODDIS, ex '31) have moved to 215 Day st., Ironwood, Mich.—Theodore GOBLE is teaching in the University of Tulsa.—Dr. William DONLIN is practicing medicine in Belleville.—Helen IGLAUER Glueck, after spending the year 1932-33 in Palestine with her husband, who was doing archeo-

logical work there, returned to Cincinnati and graduated from the College of Medicine of the University of Cincinnati. She is now interning in the Cincinnati General hospital.—Felix QUIRINO is an electrical engineer contractor with Philight, Inc., Manila, P. I.—Herbert F. KLINGMAN is a statistician with the Great Atlantic & Pacific Tea co. in Chicago.—George B. BLACKBURN is the commercial manager of public utilities with the Monongahela West Penn Public Service co. in Morgantown, W. Va.—Dr. Hobart M. KELLY is connected with the Chicago Lying-in Hospital.—Carl COSTELLO is on the staff of the *Duluth, (Minn.) Herald*.

Class of 1930

Howard SUBY received his M. D. degree from Harvard Medical school in June.—Irv and Ann KENDALL TRESSLER were summer visitors in Madison. Irv is now the Washington, D. C. correspondent for the *Minneapolis Tribune*.—Leo W. PELLESKE is on the staff of the U. S. Engineers in the Duluth-Superior district, acting as inspector on harbor dredging work. With the assistance of three aids, he must lay out the work and see that it is done in accordance with specifications.—Francisco G. TONOGBANUA was appointed principal of the Araullo High school, Manila, P. I. in June. He is the first Filipino to occupy that position. Since his return to the Islands, he served in many capacities before his promotion to the principalship. He was a teacher of English in Arellano High school, a member of the Committee on Philippine prose and poetry, preparation of lectures for community assemblies, chairman of the social committee at the teachers' camp at Baguio, and tester of curriculum objectives in secondary English. He is president of the Association of Teachers of Secondary English and a contributor to several newspapers and magazines.—Dorothy CHESAK is supervisor of schools in Marathon county.—Harold J.

KINNEY received a law degree from Temple University Law school in June.—Dr. Benjamin B. BLUM is one of 37 special students who have begun services at the Mayo foundation in Rochester.—Gil KRUEGER was married on October 14, 1933. He was engaged in advertising agency work from 1930 to 1931. At present he is advertising manager and art director of The Tuttle Press co., Appleton. His home address is 225-2 College Ave.—Harold S. JANTZ has accepted a position as assistant professor of German at Clark university, Worcester, Mass.—P. Brooks KELLY is engaged in the general practice of medicine at 27 Court street, Plymouth, Mass. He is a member of the Massachusetts Medical society, the Plymouth District Medical society, and the Hatherly Medical society.—O. Nelson ALLEN and Ethel KULLMANN Allen, '28 are living in Honolulu, where Dr. Allen has been teaching bacteriology at the University of Hawaii for the past four years.—David WILLIAMS spent part of the summer in Europe attending music festivals at Bayreuth, Germany, and Stoalzburg, Austria, and the passion play at Oberammergau. He is teaching music at Hotchkiss university, Connecticut.—Morris HULTEN is an instructor in the School of Journalism at the University of Oregon, Eugene.—Ben E. SALINSKY has opened law offices in the Mohr Bakery bldg., Sheboygan.—John CATLIN is working with the Kimberly-Clark corp. in Neenah.—John J. HUSTING is confidential secretary for the U. S. District Attorney in Milwaukee.—Burton KARGES is teaching geology and chemistry at Oshkosh Teachers college.

Class of 1931

Alice LINDBERG Snyder and her husband, Dr. Wm. C. SNYDER, Ph. D. '32, have been in Berlin since December. Dr. Snyder is studying on a National Research fellowship. After travelling in Italy, Switzerland, France, England, and Sweden,

Just published — America's Hour of Decision

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"THIS book seeks," says Dr. Frank, "to cut under both the obsolete conservatism and the obsolete liberalism of the time and chart the issues in terms of a social realism which is the only basis upon which either political or economic statesmanship can hope to function effectively in an age of science, technology, and power production."

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Order From

The Wisconsin Alumni Association

they will return in December via the Panama Canal to their home in Berkeley, Calif.—Louise MARSTON has been made society editor of *The Wisconsin State Journal*.—Dr. George L. BOYD has been appointed ship surgeon of the General Pershing, a pleasure craft sailing out of Portland, Ore. Dr. Boyd obtained his M. D. degree at the University of Louisville in 1933. Since that time he had been acting as house physician at the Good Samaritan hospital in Portland.—Merrill F. ROSS is the new county agent of Oneida county. For the past three years he has been a Smith-Hughes agriculture teacher at Fish Creek.—Gilbert WILLIAMS, now a theater director in Beaumont, Tex., spent the summer in Madison and appeared in several productions of the Wisconsin Players.—Esther KRUG has been teaching in the commercial department of the Madison Vocational school since her graduation from the University.—Louis M. HANKS, Jr., who spent the past year in Germany and Austria studying psychology, returned home on August 18.—Ann HARMACEK has been appointed general secretary of the Y. W. C. A. at Winona, Minn.—Neal JOHNSON is a research chemist with the National Carbide co. at Cleveland.—Dr. Addie M. SCHWITTAY, specialist in obstetrics and children's diseases, has been appointed to the staff of the Jackson clinic in Madison. Since receiving her degree from the Medical School, she spent one year at the Jersey City Medical center and later was chief resident in obstetrics at Margaret Mague Maternity hospital, Jersey City.—George G. DORMER is with the Wisconsin Power & Light co. in Beloit.—Philip G. MARSHALL is the librarian with the *Milwaukee Sentinel* and the *Wisconsin News* in Milwaukee.—Roland KUCKUK is practicing law in Shawano.—John H. SHIELDS is associated with W. G. Evenson of Baraboo in the practice of law. His office is located in the Hoppe bldg.—Tully BRADY is practicing law as a member of the firm of Brady, Dean & Hobbs, Brookhaven, Miss.—Mr. and Mrs. Herbert STORCK (Stella KEEFER) are living at 1035 W. Jefferson st., Fort Wayne, Ind. Herbert is the district representative for the Carnation Milk co.

Class of 1932

James K. COLEHOUR is a chemist with the Union Oil co. of California at their Oleum refinery. He and his wife are living at 1801 Rose st., Berkeley and they would be glad to hear from any of their Wisconsin friends.—Joseph P. WERGIN is acting as assistant football coach at the Edgerton High school.—Theodora L. PECK is employed as the home economist for the Family Welfare association in Baltimore. She is living at 1040 N. Broadway.—Olga SCHLUETER spent the summer in Europe. She is teaching in one of the Milwaukee schools.—Orel E. HAUKEDAHL is acting as work secretary for Marquette county on the State Drought Relief Program. His address is Montello, Wis.—LaVerne RAASCH, who spent the past year at Duke University, Durham, N. C., under a fellowship in the English department, will continue his work there during the coming year.—Earl W. WHEELER has been working as senior engineer of the Gilmanton division of ECW flood control since August 1, 1933. He was married to Esther Litney of Beloit on September 17, 1933, and at present they are living in Mondovi.—W. Neal WATERSTREET has

been serving on a milk inquiry board in Washington, D. C., for the federal trade commission.—Susanna P. DEAL was appointed temporary physiotherapist of the Putnam Memorial hospital at Bennington, Vt.—Randall H. MILLER is associated with the law firm of Werner & Clemens in Sheboygan.—Maud E. GUEST is an instructor at William Newton Memorial hospital, Winfield, Kans.—Edith A. CARLSON is an instructor in the Business institute at Minot, N. Dak.—Frederick T. JENSEN is a geologist with the State Geological Survey in Madison.—Bert YONKO is an electrician at the Nekoosa Edwards Paper & Power co., Port Edwards. He is living in Nekoosa.—Ruth BAKER Voet is living at 411 S. Harvey ave., Oak Park.

Class of 1933

Ruth MILNE broadcast a series of talks over the state-owned stations WHA and WLBL during August.—Helen KELLETER recently completed a year's internship in dietetics at the Ancker hospital, St. Paul.—Eldon JOHNSON is teaching history in the high school at Waupun.—Harriet EVERET writes: "I have a temporary job with the State Board of Vocational Education, rehabilitation division. We're taking a census of disabled people in the Milwaukee district, the purpose being to judge the size of the state problem in this field." Fred C. SUHR returned to New York City on August 30 after having spent the summer in Europe. He traveled extensively in Germany, Austria, Hungary, Switzerland and Czechoslovakia. He is continuing his work in the Law School this fall.—Aubrey J. WAGNER is a civil engineer on the Muscle Shoals dam in Tennessee.—Carl BUNDE is an assistant instructor in the zoology department of the University.—Raymond PLATH writes: "I am teaching in the Lincoln Junior High school of Beloit after having spent a summer as a playground director in Milwaukee. My present address is the Y. M. C. A., Beloit. I hope my friends write."—Mark CATLIN, Jr., will coach the Appleton Reds, a semi-professional football team, this fall.—Thomas F. FARRELL received an M. D. from the University of Pennsylvania in June and is interning at St. Mary's hospital, St. Louis.—Richard ZILLEN is teaching in Spring Valley.—Wayne L. HANSON is acting as director of athletics at the Soldiers Grove High school.—William I. KATZ is a pharmacist and assistant manager of the Walgreen Drug store at 48th & North sts., Milwaukee.—Josephine SIMONSON is teaching speech correction in Manitowoc.—Ben RICHARDS is working in the geological department of the Carter Oil co. of Tulsa, Okla.—Margaret GLEASON did graduate work in English and education at the University during the past year. She is now on the staff of the Davenport Public library as an assistant in the circulation department.—W. Ellison CHALMERS, Ph. D., was awarded the Jacob Wertheim Research fellowship for the betterment of industrial relations by Harvard University. He will be provided with a year of travel and study in his chosen subject, collective dealings in the automotive industry.—Nello PACETTI has been playing baseball with the Oshkosh State League club.—Elmer W. ZIEBARTH will be the director of all speech activities at the Kaukauna High school beginning September 1.—Frank BERGMANN is the new manager of Rennebohm's University ave.

and Lake st. drug store in Madison.—Phil DAKIN, who gained a reputation as a designer of smart clothes for women both in Madison and in Chicago, appeared in two productions, "Affections Limited," and "Elizabeth Sleeps Out," during the past theatrical season in Chicago. Recently he signed a contract with Universal Pictures, and he arrived in Hollywood on June 15 to begin work on his first picture.—Robert DUNBAR, M. A., has been appointed an assistant professor of modern European history at the University. He sailed for Europe on June 20 to spend the summer studying Italian and French history in the Library of Archives in Paris.—Herbert KAKUSEK, M. A., is athletic director at Montana State Normal college, Dillon.—George MARKHAM is assistant telegraph editor of the *New Bedford (Mass.) Standard Times*.—Beginning in September, Benjamin QUARLES, M. A., will be an instructor in history at Shaw University, Raleigh, N. C.—Ruth STEINMETZ is directing one of the playgrounds in Milwaukee.—Gordon JANECEK is a clerk for the N. W. Mutual Life Insurance co. in Milwaukee.—Abe ROVELL is working in the Androy Drug store in Superior.—Jewell MCKEE, Ph.D., is a professor of botany at the State college, State College, Miss.—Eugene SOMMERFIELD is doing accounting work with the Jewell Tea co. in Barrington, Ill.—Donald ESKER will teach in Antigo during the coming year.

Class of 1934

Mickey MCGUIRE has returned to Hawaii, much to the regret of the hundreds of friends he made here during his college career. He will manage a plantation in the Islands.—Lester HALE is an instructor in the University of Louisiana and is acting as manager of the university's radio station.—Six Ag School graduates have secured places as Smith-Hughes teachers of agriculture. Robert W. PERKINS is teaching at Dodgeville; William KASAKAITAS is at Princeton; Oscar DOBRATZ at Seneca; Ervin ABRAHAM at Belleville; LeRoy REESE at Mount Hope, and Elmer WILKINS at Houston, Minn. Victor BURKALOW and George WRIGHT are working with commercial concerns.—Margaret THIER spent the summer working with Prof. W. W. Hart who completed a geometry book.—Jack SCHEMPF is an assistant in chemistry at Cornell University, Ithaca, N. Y.—Edward J. HART of Wau-paca has assumed the law practice of his father, the late John C. HART, '96.—Thomas STONE spent the summer acting as assistant to Fred Risser, district attorney of Dane county.—Arlliss SHERIN is teaching in the Boyceville high school.—Milton J. BERG is managing the Berg Pharmacy at 1228 Caledonia st., La Crosse.—Elmer BARTEL has obtained a position as an accountant with the Northwestern Mutual Life Insurance co. in Milwaukee.—Cornelia DAMM is in charge of the speech-correction work in the public schools at Wisconsin Rapids.—Bill KOENIG is the new assistant football and basketball coach at Medford High school.—Helen GUERNE is teaching English in an exclusive girls' school near Paris, France.—Add heights of something or other: Freiland WURTZ of Fond du Lac was in such a hurry to get to the governor's office where he had an appointment to display his 260-page thesis on "Safety on our Public Thoroughfares," that he was arrested for reckless driving.—Mildred BEAUDETTE has a position with

the Wisconsin Employment service in the State Employment office at Madison.—Robert W. FRASE was chosen as the first recipient of the \$1,200 M. Fred Loenstein fellowship. Under the terms of the fellowship, Frase is granted a year of graduate study at Harvard, and an additional year of field work in preparation for public service is included.—Charles MADSEN has opened a law office at Luck, Wis.—J. F. KAHLENBERG is affiliated with V. J. Muench of Manitowoc in the general practice of law. His offices are in the Manitowoc National Bank bldg.—Helen HALDIMAN has been appointed home club agent to assist the agricultural head of Douglas county. She has been engaged in club work for eight years and in 1929 was awarded the Sir Thomas Lipton trophy for being an outstanding 4-H member in the United States.—Norm PHELPS and his orchestra spent the summer playing at Lake Geneva.—Warren TARRANT is an English teacher on the staff of Ecole des Roches, a private school near Paris.—Angelina PARATORE is teaching and studying in a university in Palermo, Sicily. She has a post as assistant instructor and is teaching English. In addition she is attending the university on a scholarship.—Howard KUEHL received a commission as ensign in the U. S. Navy in June and was assigned to the U. S. S. Pensacola. After visiting harbors on the eastern coast, the ship sailed for maneuvers in the Cuban waters.—George E. GOULD is an assistant instructor in the botany department at the University.—Merle KELLEY is associated with a Milwaukee law firm.—Edwin CONRAD has opened a law office in the First National Bank bldg., Monroe.—Paul WAGNER is working on the staff of the *Monticello Messenger*.—John SCHNELLER will play professional football with the Detroit National League team this fall.—Dorothy HUDSON is teaching general science and biology at Evansville. Irene SCHULTZ is the social science teacher in the same high school.—Margaret L. CLARKE is teaching in the state school for the blind at Janesville.—Robert J. JUNEAU is an accountant in the finance department of the County Federal Loan office at Shawano.—Mac MCKICHAN is practicing law in the offices of J. Evans BARNETT, '20, at Bos-cobel.—Eleanor RYDBERG has been appointed teacher of home economics in the high school at Belmont.—Norman G. FISHER, Ph. D., is a research chemist with the E. I. DuPont co. at Wilmington, Del.—Douglas HAMILTON is working for the Eastern Aeronautical corp. at the Newark, N. J., airport.

Alumni Briefs

(Continued from page 27)

BERTHA LUND, '20, died on August 12, of cerebral rheumatism while traveling in Florence, Italy.

CLARA PAULSON, '20, a resident of Hollandale, Wis., died at a Madison hospital on July 3. She taught English at the University for a short time after receiving her degree. Prior to her death Miss Paulson taught for six years at the La Salle junior college at La Salle, Ill. She was a member of Phi Beta Kappa.

CHARLES E. HULTEN, '22, superintendent of schools at Sheboygan, Wis., was stricken with a heart attack while playing golf on July 20 and died a few minutes

later. Prior to assuming the duties of superintendent at Sheboygan, Mr. Hulten held similar positions at Park Falls, Marinette, and Sturgeon Bay, Wis. He was elected vice-president of the National Education Association at its New York convention less than a month before his death. He is survived by his wife and three sons.

FRANK E. ALFORD, ex '22, died on August 30 at a Madison hospital after several weeks illness. Mr. Alford was well known as a musician in one of the Campus orchestras.

REV. HUBERT C. TOWNLEY, M. A. '22, was killed instantly when he walked into the path of an oncoming train at the University avenue railroad crossing in Madison. According to witnesses, the Rev. Townley approached the crossing with his head buried deep in thought and apparently did not see the warning signs as he approached the crossing.

JOSEPH B. BERTRAND, ex '25, was drowned on Lake Mendota following a speed boat accident on August 9. Mr. Bertrand was thrown from the boat while making a turn, and his companion was unable to reach him in time to save his life.

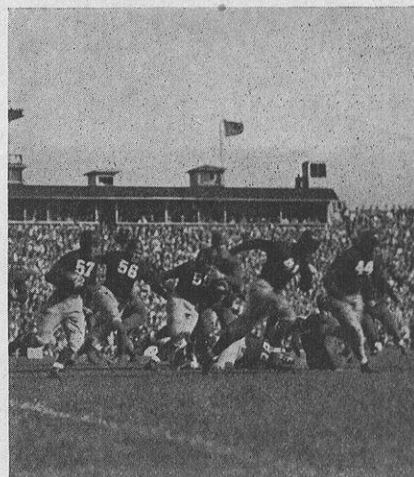
HESTER MILLER, '26, died at her home in Canton, Ill., on August 3 after a heart attack. She taught school for several years after her graduation. She then worked for Marshall-Fields for four years, leaving this position to enter university extension work, a position she occupied at the time of her death.

ARTHUR H. SHOLTS, a member of the Board of Regents since 1929, died at his home in Oregon, Wis., on September 2. Mr. Sholts graduated from Whitewater normal school. Following his graduation, he taught in the Oregon schools from 1889 to 1893, after which he was principal of the Stoughton, Wis., high school for nine years and the Evansville high school for four years. In 1907 Mr. Sholts started farming near Oregon and continued this work until his death. He was elected to the State assembly in 1911 for one term. During the University's farm and home week last winter, Mr. Sholts was one of six American agriculturalists given recognition for distinguished service to agriculture and rural life. He was awarded the title of Master Farmer. Mr. Sholts is survived by his widow and three brothers.

DR. JAMES T. ROOD, professor of electrical engineering at the University from 1920 to 1929, died on May 23 at St. Lukes hospital, New York. He left Wisconsin to become dean of the engineering school of the University of New Mexico.

MISS JOSEPHINE MAHONEY, who operated a girls rooming house in the University area for many years, died in Madison on July 23 after a year's illness.

Kenneth Davis, who won the annual Capper award at the Kansas State College for superior work in journalism, has been awarded a graduate scholarship in agricultural journalism at the University for this year.



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The Wisconsin Alumni
MAGAZINE

Alumni Club Directory

AKRON, OHIO—Meetings: Monthly. Officers: President, Charles Pfahl, ex-'17; Secretary-Treasurer, Arthur W. Gosling, '28, 1084 Jefferson Ave., Akron, Ohio.

ALTON, ILL., BIG TEN CLUB—Meetings: Monthly. Officers: President, Jerry Lofy, '31; Secretary, Ralph Wandling, Illinois.

CHICAGO ALUMNAE—Meetings: Monthly luncheons on the first Saturday at the Republic building, 19th floor, 209 S. State St. Officers: President, Mrs. Rhea Hunt Ullestad, '21; Vice-President, Mrs. Elizabeth Johnson Todd, '22; Treasurer, Helen Zepp, '27; Secretary, Mrs. Lucy Rogers Hawkins, '18, 7735 Haskins Ave.

CHICAGO ALUMNI—Meetings: Weekly Luncheons every Friday noon at the Hamilton Club. Officers: Pres., A. J. Berge, '22; Vice-Pres., Lowell A. Leonard, '17; Sec.-Treas., Ward Ross, '25, 209 S. La Salle St., Room 1041. Phone Central 7577.

COLORADO ALUMNI—Meetings: Occasional; Place: Denver, Colorado. Officers: President, John H. Gabriel, '87; Vice-President, Hamlet J. Barry, '92; Secretary and Treasurer, L. A. Wenz, '26, 3615 Federal Blvd., Denver.

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.

HONOLULU, HAWAII—Meetings: Occasional. Officers: President, Frank Ambler, ex-'16; Secretary, Mrs. Carroll Wilsie, '26, 2142 Sanihuli Drive, Honolulu, T. H.

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

MARSHFIELD, Wis.—Meetings: Monthly. Officers: President, Bernard Lutz, '30; Secretary, Mary Proell, '11.

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 Bldg.

MINNEAPOLIS ALUMNAE—Meetings: Monthly. Officers: President, Mrs. Agnes Bache-Wiig, '06, 5425 Clinton Ave.; Secretary, Lorraine Martens Koepke, '26, 2612 10th Ave., S., Minneapolis.

MINNEAPOLIS ALUMNI—Meetings: Monthly. Officers: President, A. B. Dean, '05, Commander Larabee Corp.; Secretary, Gene Robey, '30, 520 Rand Tower.

NEW ORLEANS BIG TEN CLUB—Meetings: Luncheon Meeting the first Monday of every month. Officers: R. J. Usher, '07, President; Mrs. Emma Lee Dodd, Ohio State, Secretary.

NEW YORK ALUMNI—Meetings: Luncheons every Tuesday at the Planters Restaurant, 124 Greenwich St. Also special monthly meetings. Officers: Pres., Willard Momsen, '29, 347 Madison Ave., Phone: Vanderbilt 3-5500; Secretary, Phyllis Hamilton, '20, 1 Wall St., Phone: Digby 4-3570.

NORTHERN CALIFORNIA—Meetings: Monthly. Officers: President, Helen G. Thursby, '11; Vice-president, E. V. Olson, ex-'20; Secretary, Frank V. Cornish, '96, Morgan Professional Building, Berkeley, California.

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.

PHILADELPHIA—Meetings: Occasional. Officers: Chairman, Clarence Wheeler, ex-'28; Vice-chairman, I. H. Peterman, '22; Secretary, Leroy Edwards, '20, 7206 Bradford Rd., Upper Darby.

PITTSBURGH—Meetings: Occasional. Officers: Pres., John Farris, '07; Vice-Pres., Montfort Jones, '12; Secretary, Arch W. Nance, '10, 440 S. Atlantic Ave.

PURDUE AND LAFAYETTE—Meetings: Irregular. Officers: President, William A. Bodden, '27, 254 Lincoln St., Secretary, Helen Cobb, '24, University Home Economics Dept., Purdue University.

RACINE, WIS.—Officers: President, Della Madsen, '24, 2028 Carmel Ave.; Treasurer, Glenn Williams, '26, 827 Center St.

BIG TEN CLUB OF SACRAMENTO—Meetings: Second Tuesday of each month. Luncheons at Wilson's. Officers: Pres., Henry Spring; Secretary, W. E. Kudner; Wisconsin Representative, Dr. Richard Soutar, '14.

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, Ruth Van Roo, '31, American Red Cross, 1706 Olive St., Phone Chestnut 2727.

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.

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

SOUTHERN CALIFORNIA ALUMNAE—Officers: President, Mrs. A. W. Byrne, '03; Vice-President, Caroline Burgess, '94; Corresponding Secretary, Mrs. E. M. Kurtz, '96, 964 Oakland Ave., Pasadena; Recording Secretary, Blanche Fulton, '02; Treasurer, Clara Lauderdale, '04.

SYRACUSE, N. Y.—Officers: President, A. W. Bechlem, '07; Secretary, Mrs. Florence V. Steensland, '95, 417 Waverly St.; Local Secretary, Agnes Martin, '03.

Chicago Club Sponsors Ross Concert

THE WISCONSIN Alumni Club of Chicago is doing something unique this fall in their sponsorship, in conjunction with the Wisconsin Society of Chicago, of a concert by William E. Ross, '17, Wisconsin's favorite tenor. The concert will be held at Kimball Concert Hall on Friday, October 5.

Mr. Ross is well known among Wisconsin alumni, particularly in the Chicago area, as an accomplished singer and entertainer. He had been on several national radio programs for several years and during his college days was one of the leading lights in the Haresfoot productions.

Mr. Ross will be assisted by Miss Asabel Ebert, pianist, and Miss Audrey Call, violinist. Tickets may be obtained from Ward Ross, treasurer of the Chicago alumni club, in care of the Hamilton Club, 20 S. Dearborn. The admission price is one dollar.

Milwaukee Alumni Organize

ORGANIZATION of the first general alumni association in Milwaukee for Wisconsin alumni living in that city was recently completed, according to an announcement by Franklin L. Orth, '28, Milwaukee attorney who was chosen temporary president.

Although Milwaukee has its "W" club for former athletes who earned their "letters" in sports at the University, Mr. Orth explained, the Wisconsin metropolis has never had a general social and cultural group to which all alumni might belong.

The nucleus of the new organization is a group of 50 local graduates who recently met to elect temporary leaders and formulate a working plan for an association expected to eventually absorb most of the 5,000 Milwaukee alumni.

The aims of the new club are to aid the progress of education at the University and to provide a social and cultural organization for all Milwaukee alumni.

"We shall try to acquaint Wisconsin citizens with work in the arts, sciences, and agriculture performed for their benefit by their University," Mr. Orth said. "Lectures by University professors will be sponsored; general meetings will be held every few months; an

annual dinner dance will be inaugurated; legislation beneficial to the University will be nurtured; and an exchange library will be founded."

Insistence that the University "run its own affairs, free from the interference of politicians and other outsiders," is part of the program of the new organization, he asserted. Scholarships will be offered outstanding students, achievements of the University will be emphasized, and alumni will be encouraged to continue the educational work they pursued at school.

Besides Mr. Orth, other temporary officers are Donald Bell, '25, first vice-president; Jefferson Burrus, '27, second vice-president; Keith Mellencamp, '27, treasurer; and Theodore Otjen, '30, secretary. They serve with C. H. Ray, '21, Norton Klug, '33, Robert Jones, '31, Earl D. Johnson, '28, Merrill Taft, '24, Dr. R. P. Sproule, '16, and Philip K. Robinson, '15, on the board of directors.

Akronites Play Golf

THE AKRON CLUB had a very successful season last year with four meetings since reorganization last fall, including a golf tournament on July 21 at the Airport Golf course, near where the zeppelins are made.

Ward Siegrist, ex-'28, was chairman of this tournament, which was considered successful enough to warrant repetition. There were two foursomes. In the first were Oscar Schneyer, '24 and '30, who won four golf balls for low gross score, President Chick Pfahl, ex-'17, blind bogie winner, George Becker, '17, and Ed Friedl, '31, who collected the honorable high gross prize; second foursome, Curt White, '26, Ward Siegrist, Walt Rohde, '32, and Chuck Winans, Ph.D. Several others who were going to be present couldn't make it at the last minute.

This golf match was planned at the last big meeting of the season, a picnic at Coon Hollow Camp. At that meeting were three students now at Wisconsin who were home for the summer: Tom Fontaine, Jim Parshall and Bob Wilson. Altogether, thirty-six people turned out for this picnic. The scheduled ball game could not be held because the cars filled up most of what would have been the field.

"Shorty" Coulter, '26 and Walt Rohde won the horse shoe game.

We want all alumni near Akron to get in touch with us. It is impossible to keep track of everyone, and so we would like to have those who haven't been reached get in touch with us. Call the President, Chick Pfahl, at Un. 4761, or the Secretary, at Fr. 0654.

ARTHUR W. GOSLING,
Secretary

The American Institute of Cooperation, recently held at the University of Wisconsin, drew visitors to Madison from 64 counties of Wisconsin, from 32 other states, from the District of Columbia, from four Canadian provinces, and from far away Latvia, Hawaii, and Sweden.

"The Wisconsin Plan" of broadcasting reserves a reasonable portion of the available radio facilities for non-commercial state service. It is being watched nationally as a possible solution for the "over-advertising" now prevalent on the air.

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OCTOBER 1934						
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October

1. First issue of The Wisconsin Alumni Magazine published, 1899.
5. Formal Dedication Ceremonies for the Memorial Union held 1928.
6. Football—Marquette University at Madison.
7. First Meeting of the original Board of Regents of the University was held on this date in 1848 at which time it was decided to extend an invitation to Prof. John Lathrop to become president of the new university and to ask for funds for the purchase of the land now known as the "Hill".
10. The Bascom Hall fire took place on this date in 1916. The entire dome of the old building was destroyed as well as several class rooms on the upper floors. The dome was never rebuilt because it was found that the main structure would no longer support the erection of a heavy addition.
Board of Regents monthly meeting.
Junior League Tea.
13. Football—South Dakota State University at Madison.
20. Football—Purdue University at Lafayette, Indiana.
Graduate Club Party in the Memorial Union.
22. Public Lecture by Lorado Taft, sculptor, in 165 Bascom Hall at 4:30.
Stephen M. Babcock Memorial Dinner in the Memorial Union.
University Theatre Production, *Behold This Dreamer*, by Oursler and Kennedy, in Bascom Theater.
23. *Behold This Dreamer*, Bascom Theater.
24. *Behold This Dreamer*, Bascom Theater.
25. Public Lecture, Prof. B. L. Ulbmar in 165 Bascom Hall at 4:30.
Behold This Dreamer, Bascom Theater.
26. *Behold This Dreamer*, Bascom Theater,
Pan-Hellenic Ball, Memorial Union.
27. Football—Notre Dame at South Bend, Indiana.
Behold This Dreamer, Bascom Theater.
28. Significant Living Lecture Series begins at Music Hall, 8:00 P.M.
30. Freshman Scholarship Banquet in the Memorial Union.

Research Foundation Report

(Continued from page 9)

grant, and see if it can be further developed, than it is to let the special quality starve for lack of suitable nourishment.

It is on the basis of this thought that the Foundation Trustees have offered the University this year an opportunity to develop the *unusual* young graduate. They have made available for 1934-35 the sum of \$10,000 to be used to support, in the field of natural sciences, a limited number of special fellowships to be known as the Alumni Research Foundation Fellowships. These positions are not to be applied for by the individual himself but nominations are to be made by recognized scientific leaders. No limitations are to be placed on institutions of origin. Neither is there to be uniform compensation or fixed conditions as to residence. It is expected that the Research Committee will thoroughly comb the field to find a small group of young men and women so unusual in their mental makeup as to make it worth while to see whether "blue ribbon" champions in the field of science can be found and developed for the future and at the same time offer a reward for worthy student effort. Surely man ought to do in the field of *human* endeavor what he has accomplished on the turf or in the prize ring of the stock show. In any event, this new opportunity is now presented to the University to do what it can to train some selected students who may be the scientific leaders of the years to come.

Our Athletic Policy

(Continued from page 10)

of football than upon any other one sport; that student and faculty enthusiasm, so important to the University, can be stimulated by successful athletics, football in particular, and by the other sports in turn; and that the best interests of the University will be advanced materially by the development of a Division of Intercollegiate Athletics on par as to its efficiency, success and professional standing in its field, with the many other high grade departments of which the University of Wisconsin is so justly proud.

My policy shall be to advance Wisconsin's athletics along the broad lines indicated, to the best of my ability.

Arboretum Given Federal Aid

(Continued from page 17)

Establishment of the camp on the arboretum grounds means that upwards of \$50,000 will be spent for equipment and materials, and approximately \$100,000 for labor, by the federal government to improve the Wisconsin arboretum, and make it into one of the finest parks for the state's citizens. When not working in the arboretum, the men will work on other projects in and around Madison.

The arboretum was established by the University just two years ago for purposes of experimentation and research on the complex problems of wild game conservation now facing the state, which has gained the reputation of the recreational center and resort playground of the middle-west. The arboretum was established to conduct research on conservation problems designed to protect this reputation, which has grown into one of the state's leading industries.

The work to be done by the men in improving the arboretum is to be under the direction of the Arboretum committee, Prof. Aldo Leopold, research director of the arboretum, and Prof. G. W. Longenecker, executive director.

Among the work projects to be carried out by the camp are the following: Restoring of Indian mounds, clearing game food patches and fire lanes, building footpaths, clearing and preparing ground for nursery, removing trash and cleaning up the entire area of the arboretum, building toilets and fireplaces and tables, stenciling signs for posting area, and all other maintenance work, including watering, weeding, sodding, grubbing thistles, and picking up rubbish.

The crew of men will also complete a road through the arboretum, build a bridge and lay out a parking area. They will build several ponds and spillways, quarry stone and construct boundary fences, gates and walls; and they will construct on island on Lake Wingra, which borders the arboretum for several miles, in order to feed fowls.

Marl materials obtained from excavations will be placed available to farmers to haul away at their expense, while earth excavations from the site of the ponds will be hauled to build playgrounds for children at the east entrance of the arboretum. The project also calls for expenditures for the planting of thousands of trees and shrubs on the grounds.

It is expected that the work will be carried on by the federal government until all of the projects are completed. When the camp is discontinued, the buildings constructed by the federal government will be removed and the grounds left in good order without any expense whatever recurring to the University or the state.

While the Clock Strikes the Hour

(Continued from page 19)

Mr. Lane has announced the rest of the plays for the school year. Following "Behold This Dreamer" the players will present the premier of John Galsworthy's latest play "The Roof". In conjunction with the School of Music in December they will present "Blossomtime". The spectacle of the year will be the presentation of Lord Dunsany's "If" in March and the year will close with Gogol's "Inspector General" in May. Season tickets will again be offered to the public.

Plumbers
Go To
School

Approximately 40 master and foreman plumbers and plumbing supervisors from as many Wisconsin communities "brushed up" on the fundamental principles of hydraulic and sanitary engineering which guide their work at the fourth annual six-day short course for plumbers held on the Campus during the summer.

Recognizing the responsibility of the plumber to do his work well enough to adequately protect the public health of the community, the course was based on the idea that the plumber is not a mere "handy man" but that he must have a sound working knowledge of the fundamental principles of hydraulic and sanitary engineering.

The short course was sponsored by the Department of Hydraulics and Sanitary Engineering, and was planned by Prof. F. M. Dawson of that department.