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THE UNIVERSITY OF WISCONSIN PRESS BULLETIN

The purpose of this Bulletin is to bring to the newspapers of Wisconsin and their readers—the people of the state—pertinent news and information concerning their State University. The University Press Bureau will gladly furnish any special news or feature stories to editors. Address letters to R. H. Foss, editor, Press Bureau, University of Wisconsin.

To Editor:—The news in this bulletin is prepared especially for the press, and is released for publication on the date below. Please address exchange copies to Editor, 711 Langdon Street.

October 4, 1933

What's on Public's Mind? Answered by Library Inquiries

Discussion Trends in Wisconsin Shown Toward National Economic Solutions

The average citizen is going strong for discussion of weighty problems of state and national concern, if the annual requests for informational material in Wisconsin be used as the criterion. The latest report of the loan package library service of the University of Wisconsin extension division indicates that governmental problems involving the national well-being through legislation are subjects of major interest this year.

In high demand, the report of Miss Almira Scott, the director, says, is information on farm loan and home loan legislation, farm credits, public works, the Glass-Steagall bill, and the national recovery program generally. Schools, Libraries Aided

The package library service during the year loaned 8,588 packages on 2,940 subjects, including 826 new subjects, and served 903 communities, of which 703 were deprived of public libraries. The requests included 1,093 organizations for a total of 2,993 packages, and 975 educational institutions, including 357 high schools, for 1,679 packages. More than a thousand packages were used in public libraries to supplement local sources.

Taxation led all subjects, with 227 packages libraries lent. Next came material on special vocations and professions, with 226. This interest is attributed to a desire for hints on how to readjust to a changing or different economic situation.

Various phases of education, with 211 requests, and biography, with the same number, followed. Increase was shown in the study aids on food values as a factor in the cost of living, and on leisure time problems such as recreation and music and the home arts.

Leisure Brings Self-help

Interest in government was indicated by the issuance of 99 package libraries on 49 subjects, as compared with 53 packages on 45 subjects in the preceding year. In sociology and economics was noted a similar trend, in line with predilections of many extension students for correspondence study and lecture courses in the same field.

Off by package library patrons. It was observed, however, that so complete is the coverage on these subjects, and on the national recovery act, by the newspapers that the demand for reference material on them is noticeably lessened. Schools and clubs are now asking for printed material on the teaching of temperance in the schools and on the physical effects of alcoholic beverages.

Twenty-five years ago, according to early records of the department, popular topics were woman suffrage, direct election of U. S. senators, parcel post, postal savings banks, income tax, and inheritance taxes. All are now law. Other questions of paramount interest in that day are, however, still debated in 1933, as the tariff, immigration, Philippine independence, government ownership of railroads, and bank guaranty.

New Tax Plan Talked

A demand is anticipated for material on a recent Wisconsin proposal for "only one income tax," and that federal, with the proceeds distributed, after state offsets, to the various states.

"Whatever apathy existed toward government a few years ago," said Miss Scott, "is disappearing, and today in community, state and nation the citizens are interested and alert, and by their participation in these problems are indicating their acceptance of their individual responsibility and preparing to meet great emergencies as they arise. The loan package library service of the University Extension division functions toward forming an enlightened public opinion. It is your service to use and to build."

Six Graduates of Phy Ed Course at U. Land Jobs

In spite of the small number of changes being made in teaching and coaching positions, six graduates of the four-year course in physical education and athletic coaching of the University of Wisconsin have been placed for the coming year, which compares favorably with the percentage of graduates of other courses who have secured positions.

The successful ones are Nello Pacetti, Kenosha, who will teach and coach the high school teams of West Bend; Edward Brown of Ashland, who will go to Monroe; George Eddlebeck of Goodman, who goes to Black River Falls; and Milo Willson, of Iron Mountain, Mich., who will be at Lake Mills. Brown, Eddlebeck and Wilson will head the respective departments of physical education and coach the high school athletic teams in the towns named.

Another graduate, Arthur Sandell, has received a fellowship in the National Recreation School in New York City, while another, James Crumley, will assist Coach T. E. Jones of Wisconsin, handling classes in track athletics while working for his M. A. degree.

Pacetti won three letters each in football and baseball, as a back in football and an infielder and, during the past two seasons, as pitcher of

Substance Injected in Blood to Make X-Rays of Liver, Spleen Possible Injures Body Organs, Scientists Find

Thorium dioxide—a substance injected into the blood to make the spleen and liver radiopaque so that x-rays may be taken of them produces such definite changes in liver and bone marrow that its use should be restricted to incurable cases, two University of Wisconsin scientists told members of the first American Congress of Radiology recently.

The two Wisconsin scientists, Dr. Ernst A. Pohle, professor of radiology, and Dr. Gorton Ritchie, assistant professor of pathology, presented a paper giving the results of two years of research on the effects of the substance on the body organs.

Injected into Blood

Members of four national societies—The American College of Radiology, the American Radium Society, the American Roentgen Ray Society, and the Radiological Society of North America—were present at the Congress, which met in Chicago.

When it is necessary to take an x-ray picture of either liver or the spleen—an organ located on the left side in the upper abdomen—the thorium dioxide solution must be injected into the blood in order to render these organs opaque enough to show on a film, it was explained.

Spleen Filters Blood

The knowledge of the function of the spleen is not complete, but it is known that this organ acts as a sort of a filter for the blood, taking out foreign substances, and that it has some connection with the formation of the life-giving blood cells of the body.

When the thorium dioxide solution is injected into a vein it mixes with

U. Engineer Shows Strength of Brick Beams by Testing

Carrying on work first started by a French engineer named Brunel more than 100 years ago when successful construction of the first tunnel under the Thames river in London was started, M. O. Withey, professor of mechanics at the University of Wisconsin, and three of his students recently completed extensive tests on reinforced brick masonry of importance to construction engineers and building contractors throughout the world.

A report on the tests was presented at the International convention of the American Institute of Engineers to be published in the annual proceedings of the Society for this year.

Brick Beams Strong

The tests, designed to show the flexural strength of reinforced brick masonry beams, were conducted in the State University's mechanics laboratory. The results showed beyond all doubt that it is possible to develop a high degree of flexural strength in reinforced brick beams.

The three students who worked under Prof. Withey's direction on these tests were L. E. Angoli, Milwaukee; L. K. Krasin, Marshfield; and B. F. Ludowise, Cadott. The experiments were conducted with the cooperation of the Common Brick Manufacturers' association.

On Par with Concrete

The tests revealed that with proper design and reinforcement, coefficients

M of resistance ($\frac{M}{b^2}$) in excess of 500 pounds per square inch and maximum shear stresses in excess of 200 pounds per square inch could be obtained from the brick masonry beams. Insofar as strength is concerned, these brick beams are on a par with those of concrete construction, the tests showed.

Reinforced brick masonry was first used in the construction of a tunnel under the Thames river in London in 1825, Prof. Withey explained. At that time the engineer Brunel, who had begun his engineering career in America, conceived the idea of building a brick tunnel under the river.

Result in Savings

Brunel's plan was put into effect, the tunnel was built, and with it was inaugurated a series of tests and experiments to determine comparative strengths of various kinds of brick masonry. These tests and experiments were mostly of a preliminary nature. In 1923 extensive tests were reported by the government of India and shortly thereafter a number of tests were started in this country.

The Wisconsin tests indicate that, to gain the highest degree of flexural and shear strengths in reinforced brick beams, due attention must be paid to mortar bond, the couring, amount and arrangement of reinforcement, and the filling of all joints. The tests reveal that in some types of construction, use of reinforced brick beams and columns would probably result in some savings to the builder.

Three men are included among the 42 students who compose a capacity enrollment of the Wisconsin Library school this year, officials recently announced. The course, which prepares students for library work, is usually composed entirely of women. Wisconsin has the largest number of students enrolled in the school, while 15 other states are represented among the student body.

the varsity nine. Brown and Eddlebeck won minor letters in football, while Wilson last fall earned a major football "W", playing in the Badger backfield.

MADISON, WISCONSIN

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Clothing Clinic for U. W. Women to Aid Poor Pa's Pocketbook

A "clothes clinic" is one of the newest aids to father's pocketbook that is being offered University of Wisconsin students.

The home economics clothing department is cooperating with the university Young Women's Christian Association in offering help students repair, rejuvenate or make over their clothing. The clinics are held each Saturday morning at the home economics building, where sewing machines and other equipment are at the disposal of the students.

"This year more than ever students are trying to save on expenses in every way possible, and we feel that any reduction in clothing costs that we can help bring about will be very much worthwhile," declares Miss Marion Juaire of the home economics clothing department faculty, who is in charge of the clinics.

"We want every university girl, no matter whether or not she is a home economics student, to feel free to avail herself of this service. If time permits, we may take up remodeling of hats as well as dresses.

"For those who cannot come on Saturday mornings, some other convenient time may be arranged, because we are eager to help just as many girls as we can with their clothing problems."

Assisting Miss Juaire are Miss Betty Rose, Dane county; Miss Eleanor Rydberg, Washburn county; Miss Ruth Viall, Rock county; and Miss Sylvia Christenson, Washington county.

Badger Judging Team Wins First Place in National Dairy Meet

Not only does Wisconsin produce good cheese but Wisconsin dairy students know good cheese when they see it.

This was demonstrated when the Dairy Produce Judging team, representing the Wisconsin college of agriculture, won first place in judging cheese, at the students national judging contest, held at Chicago recently.

The team, coached by L. C. Thompson of the University dairy department, in addition to judging cheese, and ice cream. They were awarded a silver cup in recognition of their high scoring. Teams from seventeen colleges and universities took part in the contest.

Members of the Wisconsin judging team were Glenn H. Hagberg, Bayfield county; Fred Wagner, Rock county; and Walter Uphoff, Sheboygan county. Among the 51 individual contestants, Uphoff won second high rating and was awarded the silver judging medal. Hagberg, winner of the third high placing was awarded the bronze medal.

Pres. Frank to Welcome Frosh; Explain NRA Importance to Students

The significance of the NRA program to students will be the subject of a talk by Pres. Glenn Frank at an open forum at the University of Wisconsin October 10, it was announced today by the University's Forum committee.

The talk will be the first of a series of forums sponsored by the committee, according to Howard Morse, Whitewater, chairman. It is possible, Morse said, that the opening part of the President's talk will be in the nature of a welcome to the freshman class, since the traditional Varsity Welcome exercises were postponed this year because of lack of funds.

After the talk on the NRA, there will be a half hour discussion period during which the student audience may ask questions of Dr. Frank.

The Forum committee making plans for the event consists of Morse, Delmar Karlen, Madison; Dorothy Edwards, Oshkosh; Howard Schneider and Joseph Boyle, both of Milwaukee.

It is planned to hold forums for students every two weeks following Oct. 10. Prominent faculty members will lead the forums and will talk on subjects of current interest.

Wisconsin Dairy Student Joins Creamery Concern

Frank Clements, a native of La Crosse county and graduate of the Wisconsin college of agriculture, recently accepted a position with one of the large manufacturers of creamery supplies.

Clements, who as a student took special training in dairy products manufacture, recently returned from Cartagena, Columbia, South America, where he organized and started a cheese manufacturing plant for a South American dairy company. Since his return, he has assisted in the dairy building at the Century of Progress Exposition.

Nearly 300 young men and women are preparing themselves for careers in some field of journalism at the University of Wisconsin this year, enrollment figures of the School of Journalism show. A total of 102 freshmen and 63 sophomores are enrolled in the pre-journalism courses, while 75 juniors and 57 seniors are registered in the school.

Badger Cheesemen Win High Honors in State Contest

Seek to Make Grounds Reflect Quality of Product

Wisconsin cheesemakers, proud of their product and determined that the high quality of the cheese they make shall not be hidden behind unkempt grounds and buildings, have completed a seasonal contest in which they vied for honors in beautifying their premises.

This contest which consisted of three divisions, one for the state as a whole, one for Dodge county and another for Fond du Lac, Columbia, and Washington counties, was started last spring. Assistance was given contestants in planning their improvement work by the department of horticulture at the Wisconsin college of Agriculture.

Factories in the special contest were visited by a landscape specialist who furnished suggestions for improvement. In this section the contest closed when the grounds were visited this fall to determine the amount of improvement made.

Winners are Named

The committee, composed of J. H. Farrell, Marshall Laboratories, James G. Moore, G. W. Longenecker, Norman A. Morris and Franz A. Aust, of the University of Wisconsin, announced the following placings for the state-wide contest: first,—Town Line factory, Henry D. Schmidt, maker, Sheboygan Falls; second, Clover dairy, Walter Luecke, maker, Elkhart Lake; third, Spring Brook factory, Arthur W. Schneider, maker, Appleton; fourth, Rathbun factory, John F. Scannell, maker, Plymouth.

Fifth placings were White Star factory, Edw. G. Polzin, maker, Eland; Greenwood dairy, Theo. W. Mech, maker, Greenwood; Willard factory, Emil F. Mech, maker, Willard; Maple Leaf factory, Ernest Thalmann, maker, Albany; and Mill Creek factory, Joe H. White, maker, Arena.

Factories awarded honorable mention are:—Sigel Cheese factory, Frank Swetz, maker, Wisconsin Rapids; Caroline factory, F. R. Buss, maker, Caroline; Hicks factory, Adolph Roelli, maker, Shullsburg; Ball's Mills factory, Otto Witz, maker, Monroe; Stephensville factory, Otto H. Yedi, maker, Hortonville; North County Line factory, T. J. Dickrell, maker, Auburndale.

Special Contest in 2 Divisions

In division 1, composed of Dodge county cheesemakers, first place was won by Polar Grove Dairy company, Gust Drachenberg, maker, Watertown; second, Maple Grove factory, Gottfried Hanni, maker, Mayville; third, Park factory, Herman Koepsel, maker, Mayville. Those awarded honorable mention are Burnett Butter and Cheese company, R. F. Gronert, maker, Burnett; Ashipun factory, Frank Schmidt, maker, Ashipun; and Clyman factory, Fred Heim, maker, Clyman.

Three Counties Compete

In the contest for division 2, composed of factories in Fond du Lac, Columbia and Washington counties, first place was won by Randolph Town factory, E. W. Buntrock, maker, Cambria; second, by Kohlman factory, Henry J. Kohlman, maker, Calver; third, by Armstrong factory, William A. Albers, maker, St. Cloud; and honorable mention by Hampden factory, W. E. Torphy, maker, Rio.

Best Factory Gets Award

The award of best appearing factory in both divisions was won by Neosho factory, Gottfried Friedli, maker, Neosho. Honorable mention for best appearing grounds was won by Burnett Butter and Cheese company, R. F. Gronert, maker, Burnett; Hillview Cooperative factory, Milton Gessert, maker, Fond du Lac; Oakwood factory, R. F. Granert, maker, Burnett; West Rubicon Dairy company, Edward Rambone, maker, Woodland; and Sunrise factory, E. F. Horn, maker, Beaver Dam. The judging in the contests for divisions 1 and 2 was done by Normal A. Morris of the college of agriculture.

Wisconsin Man to Aid National Board Plan Roadside Improvement

Plans looking toward future beautification and improvement of our roadsides will be outlined by the National Highway Research Board when it holds its meeting at Milwaukee, October 11.

F. A. Aust, of the Wisconsin college of agriculture, together with P. H. Elwood, head of the department of landscape architecture at the University of Iowa, have been appointed members of the board.

This board which is a branch of the National Research Council, in addition to Mr. Aust and Mr. Elwood, is composed of Roy W. Crum, director of the highway research board; Luther M. Keith, Connecticut State Highway department; H. J. Heale, Virginia State Highway department; T. H. Cutler, Missouri State Highway Commission; and Walter D. Ludwig, Pennsylvania State Department of Highways.