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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.

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**Public Speaking
Art Looms Large
in School Plans****Training of Youth to Face An
Audience Is Primary
Forensic Aim**

The development of high school activities in platform arts promises to show a marked advance in Wisconsin schools this year, on the basis of early registration of schools in the Wisconsin High School Forensic association. This was noted from preliminary figures compiled by the department of debating and public discussion of the University Extension division.

The first week of school saw more than twice as many high schools registered for interscholastic forensic activities through this state organization as were recorded at the same time a year ago. Where only 28 schools had registered at this time in 1933, 66 had done so at this year's comparable date.

Exceed 1933 Total

Last year's high total of member schools—379—is expected to be exceeded this year.

The new debate question will relate to the equalizing of educational opportunity by means of annual grants from the federal government to the states for public elementary and secondary education.

The last final debates, on radio control, were described by O. H. Plenzke, secretary of the Wisconsin Teachers' association, as being characterized by "calm and deliberate speaking, with a minimum of dependence upon 'card arguments' prepared in advance, and by abandonment of the noisy, bombastic, arm-waving type of presentation." He declared that debate is "continually demonstrating its rightful place in secondary education."

Debating Aids Students

The chairman of the forensic association, G. J. Balzer, Milwaukee, was convinced that "no classroom activity contributes more to useful, permanent development than that which trains a boy or girl to speak before an audience."

The high value of public discussion for rural betterment was extolled by Dean C. L. Christensen, of the University of Wisconsin college of agriculture. Such activities merit extension, he said, because they encourage the search for facts, develop the capacity to think clearly and to inspire confidence in oneself, help in understanding economic and social problems, train for leadership, and contribute to the goal of "an informed people."

Football Ticket Rush**Starts at State U.**

Early ticket orders for Wisconsin's home football games this fall indicate that the two Big Ten contests to be played in Camp Randall stadium in November may be almost sell-outs, it was revealed at the State University ticket office this week.

Thousands of applications for tickets have poured into the ticket office during the past month or more, and with the beginning of football practice, the daily influx of orders has steadily increased.

With coupon book sales ahead of last year, and with season ticket orders increasing daily, Harry Schwenker, ticket sales manager, predicts the possibility that the two Big Ten games to be played in Madison this year may be almost sell-outs.

These two games are with Illinois on Nov. 17, which has been designated as the annual Homecoming game this year, and with Minnesota on Nov. 24. Because of the traditional rivalry between the Badgers and Minnesota, the latter game always draws huge crowds to Camp Randall stadium.

The other two games which Wisconsin plays at home this year are with Marquette Oct. 6 and South Dakota State on Oct. 13. All Wisconsin grade and high school students will be permitted to buy tickets for the Marquette, Illinois, and Minnesota games this year for 55 cents, and all school children under 14 years of age will be admitted to the South Dakota State game free of charge.

Assistant in Drama**Joins Badger Bureau**

Miss Louise Tuers, Paterson, N. J., has joined the staff of the Extension bureau of dramatic activities at the University of Wisconsin, where she will spend the academic year as assistant to Miss Ethel T. Rockwell, director, in preparation for leadership of a similar bureau in her home state.

Miss Tuers is a graduate of Wellesley college and received her master's degree at Columbia last June. For several years she was on the teaching staff of the Sidwells Friends school at Washington, D. C., where she directed dramatics and other entertainment work.

**Badger Heads Department
at California University**

Lewis W. Taylor, a graduate of the college of agriculture of the University of Wisconsin is the newly appointed chief of the poultry department at the University of California at Berkeley. He is a native of Milwaukee county and graduated from the State University in 1922. He holds both his master's and doctor's degrees. After graduation he was for a time on the staff of the poultry department at the University of Kentucky.

**Our Universe is Only Half as Big as We
Thought It Was, U. W. Astronomers Find**

The "island universe" in which is located the earth is only half as big as astronomers have always thought it to be, and all present-day astronomical dimensions and distances of the Milky way system must be reduced in half to give an accurate measurement of this "island universe", according to astronomers at the Washburn observatory at the University of Wisconsin.

The astronomers are Prof. Joel Stebbins, director of the observatory, and C. M. Huffer, assistant professor of astronomy at the State University. In the Washburn observatory's most recent publication, these two scientists revealed that their study of 733 blue stars—those which are so hot that they appear bluish in the heavens—has shown that astronomers have over-calculated distances in the Milky Way galaxy of stars, the name given the "island universe" in which the earth is located.

Electric Eye Helps

With the aid of an electric eye known as a photo-electric cell and an amplifier in a vacuum chamber attached to the observatory's telescope, the Wisconsin astronomers have been able to measure the electrical energy sent earthward by stars down to the thousand million millionth of an ampere. Measuring of this electrical energy of the stars enabled them to determine their distances from earth.

The astronomers' investigations confirmed the existence of a thin layer of dark scattering material in the Milky Way galaxy of stars, and they found that the hot blue stars, which have a heat of from 20,000 to 35,000 degrees centigrade or from three to six times as hot as the sun, become redder in hue as the center of the Milky Way is reached. This reddening

is caused by the layer of dust material in the atmosphere.

Must Cut Distances

The amount of absorption of the light of the blue stars, out to a distance of 20 quadrillion miles or more from earth, shows that the inferred distances of objects near the Milky Way, especially in the direction of its center, must be greatly reduced, the two astronomers declare in their publication of results.

Because of the spotted nature of the space reddening in different longitudes, the correction of distances is uncertain but the largest absorption found for blue stars is about two magnitudes, photographic, which means a reduction of the distances by about half.

Same Size as Others

Reduction in half of the size of our "island universe" makes it about equal to the sizes of other "island universes" in the entire universe system, according to Prof. Huffer. He pointed out that heretofore astronomers had thought of the Milky Way galaxy as being the largest of the "island universes", but the results of the study show this to be a false assumption.

"The evidence from the blue stars, from open and globular clusters of stars, and from the extra-galactic nebulae all agree in establishing the presence of the thin stratum of absorbing material near the Milky Way," the astronomers declare. "There is every reason to conclude that this absorbing layer is quite similar to the dark lanes that we see in other galaxies that are viewed edge-on. When the absorbing effect of the dark material is properly allowed for it is expected that the difference between the dimensions of our galaxy and other such systems will largely disappear."

**Children Given
Low Grid Price****Badger Boys, Girls to See Foot-
ball Games for 55 Cents**

Thousands of grade school and high school children from all parts of Wisconsin will be able to see the University of Wisconsin football team in action at Camp Randall stadium this fall at the low price per ticket of only 55 cents per game, it was announced recently.

Wisconsin school children will be permitted to buy tickets to the Marquette, Illinois, and Minnesota games this fall for only 55 cents, Harry Schwenker, ticket sales manager, announced. The Marquette game, to be played Oct. 6, the Illinois homecoming game Nov. 17, and the Minnesota game Nov. 24, are the three important home contests that the Badgers will play in Camp Randall stadium this fall.

The only other home game, with South Dakota State college on Oct. 13, will be free of charge to all Wisconsin school children 14 years of age and less, Mr. Schwenker said. In making this contest free of charge to all young school children, the University of Wisconsin is following its traditional policy of playing host once each year to all Wisconsin boys and girls who desire to see their State University's football team in action.

For the three games for which the 55 cent charge is made for grade school and high school students, Mr. Schwenker announced that schools could buy tickets by groups, so that all the students from one school could sit together at the game or games they choose to see.

When the tickets are ordered by groups, a certified list of those buying tickets must be sent to Mr. Schwenker along with the order. The list can be certified by the school superintendent or principal.

Fifty-five cent tickets can also be bought by school children on the day of the game, at Gate 21 at Camp Randall stadium. The low-priced tickets are not for seats at either end of the stadium, but are for side seats, Mr. Schwenker emphasized.

**Scholarship Fund Helps
U. W. Students Pay Fees**

Another scholarship fund came to the aid of financially embarrassed University of Wisconsin students recently. After being inactive because of depleted funds for several years, the LaVerne Noyes scholarships for the payment of fees and tuition will again be available to a limited number of students for the coming school year, Prof. Julius Olson, chairman of the University committee on loans and undergraduate scholarships, announced today.

Regulations covering award of these scholarships specify that they are for students who are citizens of the United States, and who shall themselves have served in the U. S. army or navy during the World war, or who shall be descended by blood from someone who did serve in the army or navy during the war.

The scholarships can be used for the payment of fees or tuition, in part or in full, of deserving students. Those eligible for the scholarships may apply at the office of Prof. Olson in Bascom hall.

Many extremely rare books are found among the collection of more than half a million books which make up the state historical library at the University of Wisconsin. Material University of Lincoln, consisting of on Abraham Lincoln, leads in popularity among these books, with volumes on George Washington almost as much in public favor.

Many Badger Schools**Prepare for Contest**

at U. W. Oct. 5-6

These are busy days for students in agriculture in many Wisconsin high schools.

Under the direction of their instructors in agriculture, students in more than 100 high schools are preparing to match their talents and best judgment for state honors in the several events of the twentieth annual State Judging contests to be held at the University of Wisconsin college of agriculture, Madison, October 5 and 6.

Held at the same time will be the annual meeting of the Wisconsin association of Future Farmers of America to which each F. F. A. chapter may send a delegate. In addition to conferring the Wisconsin Farmer degree upon eligible candidates, state officers will be elected for the coming year.

Present officers of the association are: president, Clayton Heitz, Fort Atkinson; Vice presidents, Edward Klein, Barron; Raymond Rada, Chippewa Falls; Frederick Culp, Oregon; Ellward Wolff, Oshkosh; Donald McDowell, Westfield; secretary, Willis Nichols, Mt. Hope; Treasurer, Robert Bergstrom, Tony; and reporter, William Clapp, Jr., Roberts.

State U. Dormitories**Filled as Freshman****Enrollment Increases**

With freshman enrollment sharply increased, both the men's and women's dormitories at the University of Wisconsin are filled to capacity this year, Don Halverson, University director of dormitories and commons, revealed this week.

The men's dormitories are Adams and Tripp halls, and the women's dormitories are Barnard and Chadbourne halls. Besides the dormitories, the State University also operates co-operative houses for both men and women, as a means of helping students reduce their living expenses while attending the University.

Besides providing comfortable living quarters and substantial food for their residents, the dormitories and co-operative houses furnish recreational facilities which have helped to make them popular among the student body as "homes away from home" for students.

The social and recreational programs of both dormitories and co-operative houses extend through the entire year and are furnished the students at no cost to them whatever. Such programs tend to teach the students how to live and work together, and thus become valuable educational aids in the University.

State U. Enrollment**May Increase This Year**

With applications for entrance into the freshman class about 30 per cent ahead of a year ago, and with the number of students who have applied for entrance into the University with advanced standing greater than last year, there is a possibility of an increase in the total enrollment at the University of Wisconsin this fall.

How much of an increase there will be depends on how many of the sophomores, juniors and seniors return to their studies at the University this year. These upperclass students began their registration Saturday and continued until today, when the total enrollment figures are to be revealed at the office of Frank O. Holt, University registrar.

**See Increase in Number
Who Teach Agriculture**

A decided increase in the number of graduates of the agricultural education department at the University of Wisconsin have been placed in high school departments of agriculture this summer.

This is the report of J. A. James, head of the agricultural education work at the State University's college of agriculture. A total of 12 men have been placed, eight from the class of 1934 and four from previous years. Two graduates have engaged in commercial work.

Among the June graduates, Robert Perkins of Richland Center, will teach at Dodgeville High School; Ervin Abraham of Westfield goes to Belleville; William Kasakaitas of Goodwin is at Princeton; Wayne Hanson of Fish Creek is placed at Soldiers Grove; Howard Gutgesell of Beaver Dam teaches at Phillips; Oscar Dobratz of Merrimac is at Seneca and Harold C. Smith of Pewaukee, former football captain, teaches agriculture and physical education at Roosevelt Military Academy at Aledo, Illinois. Elmer Wilkins of Platteville goes to the high school at Huston, Minnesota.

Graduates of other years include Marcus Murray of Bear Creek who goes to Bloomington; Ruben James of Dodgeville who has been at Bloomington goes to Lone Rock; I. O. Hembre of Greenwood who has been at Tony goes to Cumberland, and LeRoy Reese of Mineral Point goes from Montfort to Mount Hope.

Victor Burcalow of Monroe goes into commercial work with the Plankinton company and George Wright of Belmont is with Oscar Mayer.

**May Build Chimes
Tower at U. Soon****Federal Government Helps
State U. Build Tower**

Erection of a "singing bells tower" on the campus of the University of Wisconsin came a step nearer reality recently with the opening of bids for its construction. Bids were opened at the state capitol by C. A. Halbert, state engineer; Arthur Peabody, state architect who designed the carillon; and several public works officials.

Low bid for construction of the chimes tower was \$28,200. Award of the contract cannot be made until the University board of regents meet to consider the bids, and construction cannot start until the contracts are awarded.

No University or state funds are to be used in the construction of the tower, money for which is furnished by about \$30,000 in gifts made by University graduating classes, plus an additional grant of \$11,600 from federal government public works funds. The federal grant was just recently approved by the national public works administration.

Contributions received from graduating classes from 1917 to 1926 make up the \$30,000 fund, according to M. E. McCaffrey, secretary of the board of regents, who received the gifts from the graduating classes and placed them in trust until enough had been raised to build the structure.

When the chimes tower is completed, it will be only one of a few in the entire country. According to present specifications, it will be approximately 85 feet high and 20 feet square and will have about 30 bells.

One of the sites proposed for the tower on the University campus is the knoll on which the Blackhawk marker now stands just northwest of Bascom hall. Local history maintains that it was across this knoll, about a century ago, that a small band of Sauk Indians, led by the fiery Chief Blackhawk, retreated before an army composed of state militia and federal soldiers during the state's famous Blackhawk war.

The first women students were graduated from the University of Wisconsin 67 years ago, in 1866.

**U. W. Aids Some of America's Most Talented
Students Prepare for Careers in Science**

Granted special research fellowships by the University of Wisconsin, seven of America's talented young men have begun to prepare themselves for careers in science that, it is hoped, will find them among world leaders in their various fields within the next decade or two.

The seven young men are the recipients of the special Wisconsin Alumni Research foundation fellowships, founded last June at the University of Wisconsin by a special grant to the University by the foundation. In accepting the fellowships, the young men are removing themselves from the ordinary problems of the work-a-day world into the realms of science, to which they are dedicating their lives.

The young men are Sanford S. Atwood, Forrest W. Quackenbush, Howard A. Schneider, and Charles C. Watson, all from Wisconsin; Arthur Magnani and Enos Wicher, both from Illinois; and Roy W. Simonson, from North Dakota. Atwood will study in botany, Magnani will work in chemistry, Quackenbush and Schneider will specialize in bio-chemistry; Simonson will do work in soils, Watson will study physical chemistry at the University of Upsala under the famous Prof. Svedberg, and Wicher will study in physics.

Search for Most Gifted

These seven young students of science have been selected for the spe-

**Organize U. W.
Alumni Group
in Milwaukee****Milwaukee Alumni Form New
Organization to Aid
State U.**

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

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

5,000 Milwaukee Alumni

The nucleus of the new organization, Mr. Orth said, 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 graduates of the University.

The aims of the new association chapter are to aid the progress of education at the State 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 State 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."

Stress U. W. Achievements

Insistence that the State 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, first vice-president; Jefferson Burrus, second vice-president; Keith Mellenkamp, treasurer; and Theodore Otjen, secretary. They serve with C. H. Ray, Morton Klug, Robert Jones, Earl D. Johnson, Merrill Taft, Dr. R. P. Sproule, and Phillip K. Robinson on the board of directors.

Many Entries Listed**in Junior Stock Show**

at U. W. Oct. 22-25

With more than 800 animals entered from 21 Wisconsin counties, keen competition is promised for the youthful exhibitors at the 1934 Junior Livestock Exposition which will be held at the University Livestock Pavilion, Madison, from October 22 to 25.

Exactly 329 animals are entered in the barrow classes, 235 in the wether classes, and 250 in the beef steer classes, according to Arlie Mucks, secretary of the show. Many of the winners in previous years are listed among the 1934 exhibitors.

The executive committee of the Wisconsin Livestock Breeders association, which is cooperating with the University of Wisconsin college of agriculture in arranging the exposition, consists of R. E. Reynolds, Lodi, chairman; William Miles, J. C. Robinson, and Peter Templeton, Evansville; M. F. Hogan, Waukegan; C. H. Hulbert, Waukesha; and S. C. Cushman, Wyocena.

Counties from which entries have been made are Adams, Columbia, Dane, Dodge, Fond du Lac, Grant, Green, Green Lake, Iowa, Jefferson, Juneau, La Crosse, Lafayette, Marinette, Marquette, Monroe, Richland, Rock, Sauk, Vernon, and Walworth.

cial fellowships after a search which extended through more than a score of states in the entire central portion of the country, from Maryland and Pennsylvania on the east to Montana, Utah, and Arizona on the west. They have been chosen from small villages and large cities—wherever they have been found.

In selecting the candidates, emphasis is placed on unusual scholarship, exceptional personality, and proven originality in their various fields of study. The scholastic records of the seven special fellows picked so far have been excellent, according to Dr. E. B. Fred, dean of the University of Wisconsin graduate school.

Study Under Famous Men

Other special fellows will be appointed from time to time during the year as they are found, Dean Fred said. He pointed out that candidates should be under 30 years of age, and "they should possess such high personal qualities as well as extraordinary talent, that we may hope that the holders of the fellowships will be found among the leaders in their field of work within the next decade or two."

The special fellows will study at the University of Wisconsin or at other leading universities in America and in other parts of the world, under some of the world's leading scientists, to prepare themselves for their careers in science, he explained.