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Badger Forensic Group Considers Upper Mich. Tieup

Broadening of the membership base of the Wisconsin High School Forensic association, interscholastic medium for competitive public speaking, will be in effect next year if a proposed amendment is adopted by the member schools. The annual meeting, recently held, authorized a referendum on the question of admitting any public school in Upper Michigan. If the vote is favorable, an application must be approved by a majority of the member schools in the district to which the school asks to be assigned, and the school must conform with other rules governing membership.

Another proposal has in view the admission of parochial schools. To advise on this change the following committee was named: Prin. Joseph F. Kraus, Stevens Point, chairman, Prin. H. M. Lyon, Chippewa Falls, Supt. T. J. McGlynn, De Pere, Donald Olson, West Bend, and Arnold Melzer, Sheboygan.

To report on standards of judging the following were appointed: Supt. M. A. Fischer, Dodgeville, chairman, Prof. Gladys Borchers, University of Wisconsin, Grace Walsh, Chippewa Falls, Supt. E. J. McKean, Tomah, Prin. G. E. VanHueckel, Glidden.

Announce Contest Dates

The following were chosen to consider suggestions on revised procedure for declamation contests: Supt. Charles A. Jahr, Elkhorn, chairman, Prof. A. T. Weaver, University of Wisconsin, Isabelle Bodden, Milwaukee, (Riverside), Supt. W. R. Bussewitz, Horicon, Supt. W. E. Gordon, New Richmond.

Supt. McKean was re-elected association chairman, and Supt. Bussewitz and Prins. Kraus and VanHueckel were re-elected to the executive board to serve until 1943.

Latest dates for contests were announced, as follows: Feb. 1 for district debates, Feb. 15 for sectional debates, Feb. 24 for the state debate; for other contests, April 5 for league program, April 19 for district program, April 26 for state program.

Non-humorous, non-dialect poetry was selected as the type for this year's reading contest.

Issue 1,830 Certificates

The association last year issued 1,830 certificates of merit to students excelling in organized forensics in 193 high schools. This is not the total number entitled to receive them, since all who participated in interschool contests or tournaments sponsored by the association are eligible.

The association announced another speech institute, to be held Jan. 11 at Viroqua, with classes in debate, dramatics, extemporaneous speaking, reading, declamation, and oratory, and a conference for coaches with a member of the university faculty and a representative of the state department of public instruction. With this program in the western area, speech institutes, all largely attended, will have been conducted in the present school year in the several geographical sections of the state. At Rice Lake the institute registration was 331, at Madison 387, and at Clintonville 353.

Lack of Funds Limits Dairy Work at U. W.

Lack of funds limits the University of Wisconsin successors to Dr. Stephen M. Babcock, famous for his test to determine butterfat content of milk, George L. Mooney, secretary of the National Cheese Institute, said at a Babcock club meeting at the College of Agriculture recently.

"Wisconsin has inherited worthy successors to Dr. Babcock, but it is apparent to anyone that the extent of their work is limited by the funds available," Mooney declared.

"The dairy school needs buildings and equipment, and funds for work in the field of nutritional research. We have the personnel, the faculty, the nationally known nutritional experts with the desire and ability to explore the unknown in search of hidden nutritional values in foods in general and dairy products in particular."

No greater message could be sent to the dairy industry of Wisconsin by the next legislature, the speaker asserted, "than the simple statement that there has been appropriated sufficient funds to permit the College of Agriculture and the dairy school to continue its extensive experiments without the handicap of budget limitations."

U. W. Ranks Third in Doctoral Theses Accepted

Additional proof of the University of Wisconsin's leadership as a graduate research institution was provided this week when a compilation by Dr. E. A. Henry, library director at the University of Cincinnati, revealed that Wisconsin accepted the third largest number of doctoral theses of all American universities during 1939-40. Columbia university had 193 doctoral dissertations, Chicago 163, and Wisconsin 160. The Universities of Illinois and Michigan followed Wisconsin.

TO PRESENT PAPER

D. W. Nelson, associate professor of mechanical engineering at the University of Wisconsin, will read a technical paper on "The Performance of Stack Heads Equipped with Grilles" at a meeting of the American Society of Heating and Ventilating Engineers at Kansas City, Mo., Jan. 27-29.

The University of Wisconsin News Bureau Wishes All Its Patrons A Happy, Prosperous, Peaceful New Year

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.

Release Wednesday, January 1, 1941

U. W. Student Housing Conditions Improve

Housing conditions on the University of Wisconsin campus this year are improved over 1939 and 1938, according to the annual report on fraternity, sorority, cooperative and special interest houses issued by Dean of Men Scott H. Goodnight's office.

Fire prevention measures have also been satisfactory, the report states, explaining that overloading of electric circuits and overfusing have been cut down to a minimum and that housekeeping in basements and attics show improvement.

The report reveals that housekeeping in women's houses is perfect and that living standards in these units is exceptionally high, while living standards in fraternities continue to show gradual improvement. Of the men's cooperative houses inspected, six were given class A and one class B rating, the report revealed.

Prisoners Turn to Study to Prepare for World Outside

Under a program made possible by support from the state department of public welfare, a large-scale effort for prisoner rehabilitation through education reached an increasing number of inmates in 1940 at each of Wisconsin's penal and reformatory institutions. At the state reformatory, Green Bay, and the state prison, Wausau, the work is supervised by a resident director of education and a director of recreation, each of whom is a member of the Extension division staff.

At the reformatory there was reported a class attendance of 359 to 425 inmates in daily programs of study markedly similar to those offered by public schools, and an enrollment of 20 students in university correspondence courses. The state prison had an attendance of 1,088 in inmate classes, with a maximum of 300 at one time, together with 77 correspondence students. There were 50 correspondence students at the Milwaukee house of correction and 12 at the women's prison at Taycheedah.

Stuhldreher Gets His Gold Football Back; Now Sons Fight for It!

Medals, pins, and other college mementos have a curious way of getting lost in post graduate life, but when they turn up again after being lost for years, they have twice as much value. You can take the word of the University of Wisconsin Athletic Director, Harry Stuhldreher, for this.

Some time ago Stuhldreher lost a gold football someplace south of the Mason-Dixon line—where he was not just sure. He had given it up for lost and resigned himself to wearing at watch chain sans a medal until this week when he received a letter from an Opelika, Alabama, woman who stated that her father had found the medal several years ago.

However, not being a good football fan, she did not know where the Badger coach was located until she heard a radio version of "The Life of Knute Rockne."

Now the trophy has finally come home to the Stuhldreher household. But still not to rest. Harry's own "Four Horsemen," ranging from ten to three, daily battle for the privilege of wearing the long lost gold football.

The University of Wisconsin student employment bureau made 802 placements, highest in its 15-year history, during last November, Miss Mar-

U. W. Seeks Way to Reduce Costs of Farm Herd Housing

Seeking to aid Wisconsin dairymen in reducing the over-head cost of housing dairy herds, the Board of Regents of the University of Wisconsin approved recently a recommendation submitted by the staff of the College of Agriculture to conduct an experiment comparing the relative advantages and disadvantages of the open pen type of dairy barn with the conventional stall type.

In approving this recommendation the Regents also accepted a grant from the Carnegie-Illinois Steel Corporation to erect the necessary experimental dairy barns on the East Hill farm near the campus to house the trial herd and to quarter the experiment.

This research project as outlined by the college staff contemplates that one wing of the building will be occupied by a pen-run type of barn in which cattle will be permitted to run loose, and in the other wing cattle will be stalled as is the current practice today.

Get Absolute Check

The new building in addition to the two wings will include a central unit housing a laboratory, a feed storage room and a milking room. Each of the two wings will house 30 head of cattle.

Cattle to be used in the experimental work will come from the University's regular breeding herd. They will be housed alternately for year periods in each of the two wings in order to provide an absolute check on the two types of construction in terms of milk production and feed costs.

Responsibility for conducting the investigation is to be lodged in the agricultural engineering and dairy

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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20 "Apprentices" Get Science Training in U. W. Laboratories

Twenty youngsters—17 boys and three girls—are learning the inside of science this year at the University of Wisconsin.

These 20 young people, all of them from Wisconsin homes and all having established reputations as youthful scholars and science research workers, are studying at the State University this year as "undergraduate apprentices" in science.

Holders of the University's first "Undergraduate Apprenticeship" scholarships, these 20 young men and women are being given financial aid to continue their senior years in the University and at the same time are permitted to work with some of the University's foremost scientists as their "apprentices."

These undergraduates—none of them have yet obtained even their bachelor's degrees—are thus enabled to get excellent scientific training at the same time that they complete their undergraduate studies. Those who hold the scholarships for the current 1940-1941 school year, and the departments in which they are working are:

List Recipients

Charles H. Krueger, agricultural engineering, rt. 3, Monroe; Roger M. Christenson, chemistry, Denmark, Wis.; E. Gordon Foster, biochemistry, 176 W. Lincoln ave., Oshkosh; Sturges W. Bailey, geology, Waupaca, Wis.; Bernhardt J. Kummel, geology, 2410 N. Main st., Racine; Beatrice E. Kelley, mathematics, 717 N. Seventh st., Manitowish; Robert S. Speirs, zoology, Stanford, Conn.; Muriel E. Harden, agricultural bacteriology, rt. 1, Fond du Lac; Francis A. Spurrell, animal husbandry, Amery, Wis.

Carolyn N. Bishop, foods, 269 Scott st., Oshkosh; William F. Opperman, plant pathology, rt. 2, Tigerton, Wis.; Joseph E. Green, soils, 120 Weston ave., Wausau; Nison N. Hellman, soils, 1559 S. Third st., Paul G. Fluck, mechanics, 3819 N. 24th st., and Fred J. Webber, metallurgical engineering, 4971 N. Teutonia ave., all of Milwaukee.

Charles J. Gould, chemical engineering, rt. 1, Hurley, Wis.; Raymond A. Erickson, chemical engineering, Whitehall, Wis.; Bert Zarky, radio, 639 E. Johnson st., Madison; Frank B. Roberts, mechanical engineering, 222 W. College ave., Waukesha; and Milton A. Suckow, steam and gas, Barton, Wis.

The 20 scholarships were made pos-

U. W. Eighth Largest University in Country

The University of Wisconsin is the eighth largest university in the nation in its full time enrollment, Dr. Raymond Walters, University of Cincinnati enrollment statistician, announced recently. America's eight largest universities, along with Wisconsin, are California, Minnesota, Columbia, Illinois, Ohio State, New York, and Michigan. Dr. Walters' figures revealed that an all-time peak has been reached in United States college enrollment this year.

RE-ELECT U. W. MAN

Porter Butts, director of the Memorial Union building at the University of Wisconsin, was recently re-elected member of the executive committee and editor of publications of the American Association of College Unions at the association's annual meeting in Philadelphia.

ion Tormey, director of the bureau, recently announced.

Hold Foundry Convo at Milwaukee Feb. 20-21

The fourth annual Foundry conference will be held Feb. 20-21 in Milwaukee, it was announced this week by J. F. Oesterle, associate professor of mining and metallurgy at the University of Wisconsin, and one of two co-chairmen for the event. A. C. Ziebell, of the Universal Foundry co., Oshkosh, is the other chairman.

This year's conference will be held in the interests of national defense as well as the development of the foundry industry, the preliminary announcement for the meeting revealed. The conference is held annually under the joint auspices of the Wisconsin chapter of the American Foundrymen's association and the department of mining and metallurgical engineering of the State University.

Speakers of national prominence are being secured for the conference program, Prof. Oesterle announced. The program will consist of joint general sessions as well as discussion sections for the gray iron, malleable, steel, and non-ferrous groups. Problems in the manufacture and application of castings and their "romance" in relation to the everyday products of industry will be discussed, and various foundry questions will be taken up.

Last year more than 500 foundrymen attended the conference, and it is expected that a larger number will attend this year's meeting, Prof. Oesterle said.

Four Olympic Skiers Now on U. W. Ski Team

Four Olympic men, 10 lettermen, and 25 other prospective skiers answered Coach Reuben Silvola's call for candidates for the University of Wisconsin Hooper's ski team this fall. Leading the Olympic men is Walter Bietila, member of the American team for 1936 and 1940, better known as one of the "Flying Bietilas." David Bradley, former captain of the Dartmouth and Oxford, England ski teams, is a member of the 1940 Olympic squad. Coming from the Swiss Olympic team is Jurgen Pohly, while Pete Thomsen, a freshman, hails from the 1936 Danish Olympic team. All four of these men have participated in championship ski meets in foreign countries, including Norway, Sweden, Switzerland, and Italy.

DISCUSSES ROAD SURFACES

Lloyd F. Rader, professor of civil engineering in charge of highway engineering at the University of Wisconsin, read a paper on "Factors Governing the Selection of Asphalt Surface Types" at the 13th National Asphalt conference held in conjunction with the meeting of the Association of Asphalt Paving Technologists in Dallas, Texas, recently. Prof. Rader is second vice-president of the association.

American Bandmasters Meet at U. W. Feb. 27

Several hundred bandmasters from all parts of the nation will come to the University of Wisconsin Feb. 27-March 2 when the State University bands organization will play host to the 12th annual convention of the American Bandmasters' association, it was announced today by Prof. Raymond F. Dvorak, Wisconsin band director. The University of Wisconsin student band will play two concerts during the convention, under the direction of some of America's outstanding bandmasters. Capt. Richard Hayward of Toronto, Canada, is president of the association, and Prof. Dvorak is a member of the organization's board of directors.

U. W. Faculty Members Take Part in Science and Education Meets

More than 40 members of the University of Wisconsin faculty attended the annual conferences of 16 national scientific and professional education organizations which have been held during the past week in a dozen cities scattered throughout eastern and southern parts of the country.

Many of the Wisconsin faculty members are officers or committee chairmen of the organizations whose meetings they attended, and most of them presided over sessions, directed committee work, reported on activities of committees, or read research papers. All attended the meetings at their own expense during the University Christmas vacation period.

Following are the national organizations whose meetings were attended by the Wisconsin faculty members: Modern Language association; Association of American Geographers; American Association for the Advancement of Science; Geological Society of America; American Political Science association; American Association for Labor Legislation; American Sociological society; National Association of Teachers of Speech; American Historical association; American Library association; American Marketing society; Association of American Law Schools; American Accounting association; National Commercial Teachers federation; American Statistical association; American Chemical society; National Defense Research council; American Association of Schools and Departments of Journalism; American Astronomical society; Music Teachers National association; American Musicological society; American Association of University Professors; and the American Mathematical society.

U. W. Booklet Honors Dr. Birge

A commemorative booklet honoring Dr. Edward A. Birge, president-emeritus of the University of Wisconsin, and including the addresses given at the hydrobiology symposium dinner for him last September, was published recently by the University Press.

The 48-page booklet, with a front-piece picture of Dr. Birge autographed by him personally, honors the former University president, for his "contributions to the science of limnology." The dinner also was held on Dr. Birge's 89th birthday anniversary.

More than 300 scientists from all parts of the United States attended the symposium, first on hydrobiology ever held. Dr. Chancey Juday, also a limnologist, directed much of the group's meeting here Sept. 4-6.

In the book are the talks by Pres. C. A. Dykstra; M. J. Cleary, Milwaukee, representing the Board of Regents; Dean Harry L. Russell, director of the Wisconsin Alumni Research Foundation; Dean George C. Sellery, of the college of letters and science; Gen. Ralph M. Immell, reading the tribute of Martin J. Gillen, and Dr. Birge's answering address.

About 1,200 copies were printed. They will go to the scientists at the symposium, and to University officials.

Praise U. W. Record in Science Research

That the University of Wisconsin is one of the nation's top sponsors of scientific research, is the opinion of Paul deKruif, brilliant American scientist, who visited Madison recently to call on his long-standing friend, Chris L. Christensen, dean of the College of Agriculture.

DeKruif, who has authored several books, and has provided the scientific inspiration for, among others, Sinclair Lewis' "Arrowsmith," looks upon the University of Wisconsin as "a spearhead in the scientific world."

The writer threw two particularly lavish compliments to Dean Christensen and Dr. C. A. Elvehjem, professor of biochemistry.

Commenting upon Christensen's executive ability, deKruif stated: "Chris has a faculty of letting scientists run their own show, for letting them realize the social, cultural, and economic importance of their work."

"He is one of the absolutely top men in the United States today in his nutritional field," deKruif said of Dr. Elvehjem.

GIRLS' STATE AT U. W.

The first Badger Girls' State to be sponsored by the Wisconsin American Legion auxiliary will be held at the University of Wisconsin next June 24-30, auxiliary officers recently announced. Designed along the same lines as the Badger Boys' State, held

University Offers Pilot Training to 750 in Two Years

Reporting on results of flight training programs at educational centers in Wisconsin, the University of Wisconsin extension division in December listed a total of 546 students who have received civilian pilot instruction since flight courses started in 1939. During the second semester 200 additional students will receive the training, and advanced ground courses will be opened to persons wishing to take ground school work only.

Thus, by next July, the university will have offered flight training to more than 750 youths in the national program which aims to build up a potential supply of future pilots. By this time next year, it is promised, many of the present students will be serving as flight instructors in the military service.

This is part of the national program, inaugurated by the Civilian Aeronautics administration, to increase the number of qualified fliers in the country at large.

The flight courses offered by the Extension division have been conducted at Madison, Milwaukee, and six of the state teachers' colleges. The students have included 410 who enrolled for the primary phase, 108 who took ground work only, and 46 instructors who enrolled for a special course to qualify them to teach ground school subjects in government-approved programs anywhere. A group of high ranking primary students enrolled for advanced courses.

In government circles the University of Wisconsin has been credited as having one of the largest and most efficient flight training programs giving primary and advanced instruction, and as one of the few institutions offering a ground school instructors' course.

The Extension division recently added four new courses in aeronautics for study by correspondence. The subjects are those required of all persons who plan to take flight instruction with a view to qualifying for the private pilot's license.

Cramps Major Cause of Drownings? U. W. Girls Seek Definite Answer

A study of the occurrence of cramps while swimming is being made by the Women's Physical Education department and the Department of Physiology of the University of Wisconsin. The experiment is being conducted by Elizabeth Brogdon Franzen, Virginia Lee Horne, Rozell Rork, and Elizabeth Mason.

The purpose of the study is to substantiate or disclaim the general belief that many drownings are attributed to cramps occurring during swimming. An examination of literature has revealed that little real evidence has ever been presented to substantiate this belief.

Questionnaires have been distributed to 2,000 normal college women who are participating in swimming activities, and information concerning the location and severity of cramps which may occur during swimming is being recorded along with information relative to factors which might conceivably cause cramps, including the following:

Temperature of air and water, discomfort other than cramps noted during swimming, activity engaged in during swimming period, length of time in water, type of activity which preceded swimming, general physical condition, and the menstrual cycle.

Results of the experiment will give information of the incidence of cramps, and may also suggest causes of cramps during swimming.

32 State Students Given Scholarships

Thirty-two students, all of them from Wisconsin homes, were recently approved as LaVerne Noyes scholars at the University of Wisconsin by the State University Board of Regents.

These scholarships are annually awarded to deserving University students who are sons or daughters of World War veterans. Those who were named recipients of the scholarships this semester are:

Robert B. Arnold, Delavan; Frances L. Benn, Richland Center; Lois I. Carsey, Lake Mills; Royal E. Cass, Benjamin D. Goldfin, and Joseph Silver, Milwaukee; Frank A. Ecker and John R. Ecker, Brillion; Arden C. Eichsteadt, Montello; Robert L. Grille, Abner B. P. Nelson, and Phyllis A. Trione, Madison;

Royal N. Harris, Oregon; Barbara E. Hulbert, Beloit; Lester J. Jirucha, Jr., Racine; Allen R. Jones and Ione S. Urbutebes, Waukesha; Robert H. Krueger, Ft. Atkinson; Arne V. Larson, Scandinavia; Donald R. Lewis and Walter S. Sively, Stevens Point; Richard A. Mann, Lake Geneva; Louise P. Martin, Baraboo; E. Lucille Monroe, Bosobel; Shirley Mae Nelson, Wausau; Donald P. Schmidt, Kenosha; Eudore B. Schock and Theodore M. Siegrist, Green Bay; George J. E. Timm, Neenah; George A. Williams, Monroe; Louise A. Wood and Christine A. Wood, Marshfield.

annually under the direction of the American Legion, the project will accommodate 125 girls who are juniors in high school.