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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.

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.

Release Wednesday, March 29, 1939

MADISON, WISCONSIN

Vol. 32, No. 37

To Give "Modern Courses" In U. W. Summer Session

A group of up-to-the-minute "modern" courses of study which have been especially planned or modified to meet the unusual conditions of the present time are among the hundreds of courses to be taught in the 41st annual summer session of the University of Wisconsin by more than 300 State University faculty members and lecturers from other educational institutions.

The 1939 Wisconsin summer school, in which thousands of teachers from all parts of the state and nation are expected to enroll, will open on June 26 and close on Aug. 4. Special nine-week courses in the Graduate school, offered again this year, will begin on June 26 and end on Aug. 25, while the Law school will open its 10-week session on June 19, closing also on Aug. 25.

Social, political, and economic problems facing the modern world will be studied in the "modern" courses, which will be taught in 11 major departments of the State University by some of the University's foremost teachers. All of the "modern" courses of study are listed in the 1939 summer session bulletin, which points out that the University of Wisconsin has constantly in mind its obligation to shape its instruction to meet the needs of the present time.

List "Modern" Courses

Among the special courses to be taught in the 1939 summer school are the following:

In economics: "Cooperation" by Prof. H. H. Bakken; "Social Insurance" and "Government and Business" by Prof. E. E. Witte; "Economic Institutions" by Prof. M. G. Glaeser.

In geography: "China and Japan: Resources and Development" by Prof. Glenn T. Trewartha; "Industrial Geography of the United States" by Prof. Loyal Durand; "Conservation of Natural Resources" by W. M. Hanley; "Resources and Economic Development of the Great European Powers" by Prof. Loyal Durand.

In history: "American Foreign Relations 1881-1939" by F. H. Harrington; "Recent History of the United States, 1901-1939" by Prof. James L. Sellers; "Economic Life in Europe" by Prof. R. L. Reynolds; "Recent Contemporary American History, 1918-1939" by Prof. C. V. Easum; "Political and Diplomatic History of Britain, 1890-1939" by Prof. Paul Knaplund.

Study Public Opinion

In journalism: "Interpreting Foreign News" by Prof. Robert Neal; "Public Opinion and the Press" by Prof. Grant M. Hyde.

In music: "Music Appreciation" by Prof. Leland Coon.

In philosophy: "The Art of Thinking" by Prof. Edwin Burtt; "A Philosophy of Democracy" by Prof. Carl Boegholt; "Contemporary Philosophy" by Prof. Edwin Burtt.

In political science: "Political Parties and Party Problems" by Prof. John T. Salter; "Survey of World Politics" by Prof. Walter Sharp; "History of American Political Thought" by Glen B. McClelland.

Give Sociology Courses

In psychology: "Psychology of Leadership and of Public Opinion" by Prof. Kimball Young.

In sociology: "Trends in Rural Community Development" by Prof. John Kolb; "Marriage and Family" by Prof. Howard Becker; "Personality and Social Adjustment Through Mental Hygiene" by Prof. Kimball Young.

In speech: "Problems in Radio Broadcasting" by Prof. Henry L. Ewbank.

In zoology: "Heredity and Eugenics" by Prof. J. G. Baier; "Endocrinology" by R. K. Meyer and Olaf Torstvet.

Plays For Women, Girls, Listed For Drama Group Use

A new list of plays of interest to women and girls has been issued by the University of Wisconsin Extension division through its bureau of dramatic activities, it was announced by the director, Miss Ethel Rockwell, who prepared the list. It is intended for groups such as women's clubs, church societies, patriotic groups, fraternal orders, AAUW, girls' organizations in school and college, 4H clubs and Girl Scouts. Long and short plays are included, also several pageants requiring women and girls.

Plays by Wisconsin authors are by Zona Gale, Mary Katharine Reely, Ina Barnes, Samuel Ilsley, Beulah Charmley, Frances Gross, Fannie Knapp, Marguerite Phillips, Elsibet Brodie, Lucile Shibe, Mildred Bryan, and Esther Olson.

Other lists available are full-length plays for high school and other groups, short or one-act plays for high schools, plays classical and historical to supplement classroom work, plays for children, and lists of books on creative arts, modern international plays, church dramas, and a revised list of plays for holidays. All may be secured from the University Extension dramatic library for mailing fees.

10th Music Clinic At U. W. Set For July

Plans are rapidly developing to make the 10th annual Music Clinic to be held at the University of Wisconsin July 10-29 the most successful in history, Prof. Orien E. Dalley, clinic director at the State University, has announced. Prof. Dalley, who recently returned from six months' study in England and Finland, revealed that both countries are planning to launch a music education program similar to the University's Music Clinic. Thus a new "Wisconsin Idea" in education is spreading throughout the world, Prof. Dalley pointed out, explaining that some states have already copied Wisconsin's clinic idea.

Through ten years of steady growth the original purpose of the clinic has remained intact—practical instruction to directors and high school students by the best available faculty at the lowest possible cost.

Sixteen courses will be offered this summer for directors and supervisors, while the band, orchestra, and vocal program for high school students will be enlarged and enriched.

4-H Leaders, Officers To Meet At Club Week, Madison, June 15 - 19

Important changes in plans for two state-wide summer events for Wisconsin 4-H leaders, officers, and members have been announced by T. L. Bewick, state club leader at the University of Wisconsin.

Faced with an ever-increasing enrollment, the annual State Club Week will be divided into two separate events this year. State Club Week, which will be held June 15 to 19 will be open only to adult leaders, junior leaders, and officers of 4-H clubs who are at least 15 years of age, Bewick announces. This leadership training week, he explains, will be devoted to training leaders in organization, subject matter, recreation, etc.

To provide for club activities not scheduled during the regular state club week, Bewick and his associates have planned a State Club Camp to be held at the University's College of Agriculture, Madison, August 7 to 10. This event will be open to all club members and leaders and they will be given training in judging and demonstration work.

Held at the same time will be the state music festival, the state drama festival, and a state-wide contest for all dairy demonstration teams. Counties are being invited to enter one dairy team to compete in these demonstration contests, from which at least six teams will be chosen to compete at the state fair. Under this new arrangement ample dormitory rooms will be available.

SELLING ARTICLES

Prof. Helen M. Patterson of the University of Wisconsin school of journalism recently spoke before the American Association of University Women in Milwaukee on "Writing and Selling Feature Articles," which is the title of her book to be published soon.

U. W. Research Seeks Use of High Speed Diesel Engines in Cars, Planes

Practical use of the high-speed Diesel engine in automobile and airplane is being brought one step closer to reality by experiments and research being conducted at the University of Wisconsin's College of Engineering by Professors R. A. Rose and G. C. Wilson, and by Alex F. Robertson.

Convinced that the solution of the problem of igniting and burning the fuel in the high-speed Diesel engine profoundly affects its development, the experimenters have perfected a camera capable of recording important engine data photographically in such a way that time can be measured to within a hundred-thousandth of a second. Also aiding in building the experiment was electrical engineering Prof. R. R. Benedict.

In the past, such problems as smoke, noise, and roughness of combustion have limited the use of the Diesel engine for automotive and aviation use. Lack of knowledge on such matters as the best time in the engine cycle to inject the fuel has resulted in bearings being knocked out and in cracked cylinder heads.

Photograph Combustion

"With all the available knowledge of combustion, we still have little control over combustion in the cylinder of the Diesel engine," explained Prof. Rose. "It was necessary to set up a device capable of recording photographically not only the action of the fuel burning in the cylinder but also of the pressure changes taking place within the cylinder."

Experimenting on the subject since 1927, the investigators have delved into the problem of testing fuel oils also, having tested some 27 oils within the past year with their perfected apparatus. Aided by Wisconsin Alumni Foundation Research funds, Rose, Wilson, and Robertson now use three different types of engines in their experiments. These are the one cylinder open head, one cylinder high turbulence engine, and a six-cylinder high turbulence engine rated 60 horsepower at 1200 revolutions per minute.

Reveal Fuel Findings

Diesel fuels are rated according to ignition qualities, with cetane as the

Educators Endorse Adult Citizenship Training Programs

State educational officials this week urged school administrators in Wisconsin to cooperate with the University of Wisconsin Extension Division in making available to every community its program of adult citizenship training.

John Callahan, state superintendent of public instruction, wrote, in endorsing the program, "To be a good American citizen, everyone should know the part he, as a voter, must play in the administration of public affairs. He should know the functions of government and understand the duties of public officials, elective and appointive, who are running the business of state. He should know the importance of voting."

It is a responsibility of the public schools, he said, to provide American citizens with this information. In primary and secondary schools young citizens receive elementary citizenship training. However, he explained, they cannot fully appreciate their duties, responsibilities, and obligations as voters, until they become of age and assume them.

"The best time, therefore, to give young citizens a complete picture of the importance of their part in the administration of public affairs," said the state superintendent, "is when they reach their 21st birthdays."

George P. Hambrecht, state director of vocational and adult education, also endorsed the program, saying, "The citizenship training program as carried out under the auspices of the University Extension Division and the Manitowoc school for vocational and adult education, bids fair to mark a new day in citizenship in these United States. There is every reason to believe that Citizenship Day, with its previous weeks of preparation, may become a permanent institution of statewide and even nationwide significance."

He went on to explain that schools of vocational and adult education throughout the state are watching the Manitowoc plan with great interest. "If the Manitowoc program proves as valuable as I believe it will be," Hambrecht concluded, "similar programs will be put on in vocational school centers in Wisconsin."

PAN-AMERICAN STUDY AIDS

Background material for addresses or other observance of Pan-American day, April 14, is available from the department of debating and public discussion, University of Wisconsin Extension division, at Madison. The department announced a comprehensive list of pamphlets and other material from the Pan-American Union to aid groups and individuals in making special studies of the relationships between the 21 republics of the American continent. The material is intended to appeal especially to schools, colleges, clubs, civic and commercial associations.

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Fuel Ignition Important

Roughness of operation in these high-speed engines occurs when oil is injected more than three-thousandths of a second before combustion starts. Because of this, a low-cetane fuel may burn roughly, depending on the timing of the injection of the oil. The tests demonstrated that one of the outstanding causes of ignition delay and engine roughness with low-cetane fuels is too early injection of the fuel.

Presenting much of this information for the first time to members of the Society of Automotive Engineers, the Wisconsin investigators have received plaudits and queries from all parts of the world. Their papers have been abstracted in the Engineering Index, the Industrial Index, and the Chemical Abstracts which go all over the world as does the S. A. E. Journal.

The material will be used in the latest text books on pressure indicators and on Diesel engines. In addition, automotive and fuel engineers from various firms and colleges in the United States, Switzerland, Russia, Holland, and many other countries have come to the Mechanical Engineering laboratories of the State University to study the experiments and equipment at first hand.

Reveal Fuel Findings

Diesel fuels are rated according to ignition qualities, with cetane as the

Badger Academy Meets At U. of W. This Week

The 69th annual meeting of the Wisconsin Academy of Sciences, Arts and Letters will be held at the University of Wisconsin this Friday and Saturday, March 31 and April 1, it was announced recently by Loyal Durand, Jr., assistant professor of geography at the State University, who is secretary of the Academy.

Chancey Judy, professor of limnology at the University and one of the directors of the Wisconsin Natural History and Geological survey, is president of the Academy.

Several hundred scientists and educators from all parts of the state are expected to attend the annual meeting, at which several score papers on a wide variety of scientific, educational, and cultural subjects will be presented and discussed at various sessions. Geography teachers in Wisconsin schools will hold their annual meeting at the same time, and will attend sessions of the Academy meeting.

Short Course For Waterworks Men To Be Held at U.W.

To aid the operator in more effectively and efficiently operating his plant for the benefit of the community, the fifth state waterworks operators short course will be held at the University of Wisconsin for four days, April 17-20, it was announced recently by L. H. Kessler, of the department of hydraulic and sanitary engineering at the State University, who is in charge of the course.

Waterworks operators from cities and villages throughout Wisconsin are expected to attend the course, which will consist of 22 lectures and 10 laboratory demonstrations given by hydraulic and sanitary engineers and public health experts. The lectures will be given during the morning sessions, and the laboratory work will be held during the afternoon.

Invitations to attend this special four-day short course have already been sent out by Mr. Kessler to the superintendents of several hundred Wisconsin city and village water departments. Sponsored by the League of Wisconsin Municipalities and the Wisconsin section of the American Waterworks Association, the course is given by the University's department of hydraulic and sanitary engineering, the bureau of sanitary engineering of the state board of health, and the state laboratory of hygiene at the University.

Mr. Kessler announced that the course is to be built around the practical work of Wisconsin municipal waterworks superintendents and plant operators. He pointed out that the satisfactory operation of a waterworks plant includes two important considerations, namely, that the public be furnished with an adequate and safe supply of water at all times, and that the plant be operated in an economical manner.

It is to aid the operators in obtaining the best information on the fundamental principles of sanitation and water distribution that the State University has arranged this four-day short course, Mr. Kessler said.

Poultry Industry To Stage State Products Display At U. W. Soon

Poultrymen, hatcherymen, and poultry students from all sections of Wisconsin will join in a state-wide display of eggs and chicks at the University of Wisconsin College of Agriculture, Madison, April 25 to 27, according to an announcement by Donald Jensen, Amery, president of the University Poultry club.

Sponsoring the show is the University of Wisconsin Poultry Club in cooperation with the University poultry department, the Wisconsin Poultry Improvement Association, and the Wisconsin Hatchery Association. Exhibits will consist of classes of eggs and day-old chicks, pouls, ducklings, and goslings. Held in connection with the show will be an educational program consisting of demonstrations and talks dealing with the production of quality eggs and chicks.

Student officers and committee members of the University of Wisconsin poultry club in charge of the show include: president, Donald Jensen, Amery; treasurer, Orin Swingle, Highland; secretary, Ed Morris, Mukwonago; committee members, Ralph Denne, Stratford; Joseph Schmidling, Milwaukee; Jim Carter, Black River Falls; LeRoy Meyer, Hales Corners; Roland Keen, Juda; Willard Gray, Wisconsin Dells; Arthur Schaub, Oconto Falls; and Robert Whitty, Reedsburg.

U. W. MAN IS SPEAKER

Prof. Robert C. Pooley of the University of Wisconsin English department, will attend the joint meeting of the Inland Empire Education Association and the National Council of Teachers of English in Spokane, Wash., next week, April 5 and 6, and will give two addresses on "Radio: A New Tool for Our Job," and "This Job of Teaching Literature." Prof. Pooley will also address the Spokane Lions club on "Exploding a Modern Myth."

Finance, Industry Experts To Speak At Bankers' Meet

State and national financial, banking, and industrial experts will speak on the program for the second annual Conference on Banking to be held at the University of Wisconsin next week, April 4 and 5, it was announced today by Prof. F. H. Elwell, director of the State University school of commerce.

The banking conference is sponsored each year by the school of commerce in cooperation with the Wisconsin Bankers Association and the state banking department. Sessions of the conference, held annually to give consideration to various important problems of bank management, will be held in the Memorial Union building on the University campus. Last year more than 400 Wisconsin bankers attended the first annual conference.

General sessions of the conference will be devoted to roundtable discussions on three important banking problems in addition to addresses on economic, financial, and industrial subjects by nationally known experts in those fields. The three roundtable discussions will be on "Bank Earnings," "Investments," and "Mortgages."

Five University of Wisconsin faculty members will participate in the conference program. They are Prof. Walter A. Morton, Edwin E. Witte, Don D. Lescobier, W. Bayard Taylor, and F. H. Elwell.

Other nationally known financial and economic experts who are scheduled to appear on the program include: Prof. Laurence R. Lunden, investment counsel of the University of Minnesota and editor of "The Financial and Investment Review," Minneapolis; Dr. Melchior Palyi, research economist of the University of Chicago; John D. Jones, of the Farm Credit Administration, St. Paul; Herbert V. Prochnow, of the First National Bank, Chicago; and Dr. Herman B. Wells, president of the University of Indiana, who was a graduate student at the University of Wisconsin.

Highlights of the conference will be the annual banquet to be held next Tuesday night, April 4, in Great Hall of the Memorial Union on the campus. Speaker at the banquet will be Harper Leech, economist and columnist of the Chicago Daily News, whose subject will be: "The Liquidation of the 19th Century." Known as a keen analyst and fearless speaker, Mr. Leech is the author of several volumes in the fields of industry and finance. S. N. Pickard, president of the Wisconsin Bankers Association, will preside at the banquet, and the State University Women's chorus of 60 voices, under the direction of Miss Florence Bergendahl, will present a half-hour program of songs.

Lutheran Students At U. W. Form Council

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