



# LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

## **The University of Wisconsin press bulletin. Vol. 33, No. 19 July 3, 1940**

Madison, Wisconsin: University of Wisconsin, July 3, 1940

<https://digital.library.wisc.edu/1711.dl/6QB7XCS4C4BKC8L>

This material may be protected by copyright law (e.g., Title 17, US Code).

For information on re-use, see

<http://digital.library.wisc.edu/1711.dl/Copyright>

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.

## Business Training Program Expanded For High Schools

High school students in 15 Wisconsin cities have just completed the first year's program of business training through locally directed correspondence courses of the University of Wisconsin extension division, authorized by their high school officials as fully accredited additions to the regular curriculum.

When the service is resumed in the fall, it will be supplemented by other business studies to be made available to postgraduate students at their high schools. The extension offerings are listed in a new bulletin describing opportunities for business training through locally directed correspondence courses.

Business courses taught by University correspondence study give credit toward high school graduation when approved by the sponsoring school. These courses include two in first-year bookkeeping, two in second-year bookkeeping, two in business training, and one each in retail marketing and merchandising, business law, and business correspondence.

The new courses for postgraduate study are for graduates of high schools, forced by circumstances to remain in the home community, who seek a beginning preparation for business positions through local educational opportunities at low cost. They include two courses in principles of accounting and two in advanced business correspondence.

This service is intended especially for small schools with limited curricula. For these it makes possible an increase in the number of vocational subjects without increasing the teaching staff, and in schools where business subjects are offered by an overloaded staff it gives an opportunity to decrease the teaching load.

"The high school credit courses of this type can be fitted into the curriculum of any high school," the Extension bulletin advises, "and the instruction adapted to the needs of the individual student. They make possible the beginning, in high school, of a correspondence-study program which may extend even beyond graduation."

This program is endorsed by the state department of public instruction, which in a report suggested that many of the smaller high schools might well turn to University Extension courses as a means of enriching their curricula in the vocational and technical subjects.

## 500 To Enroll In Music Clinic At U. W. July 8-27

More than 500 high school student musicians and directors of music from all parts of Wisconsin and 24 other states will attend the 11th annual music clinic which will be held at the University of Wisconsin this summer from July 8 to July 27.

Sponsored annually at the State University by the school of music, the clinic gives music directors and student musicians of high schools throughout state and nation an opportunity for three weeks of intensive music study under some of the nation's foremost teachers.

Last year about 500 directors and students attended the clinic, and attendance this summer is expected to be as large, according to Prof. Leon L. Itlis, of the University school of music faculty, who is director of the clinic.

High school student musicians who enroll in the clinic are eligible to become members of the All-State Band, Orchestra, or Chorus, and participate in the work of these organizations, each of which gives several concerts during the period.

The All-State band, composed of more than 300 pieces, will again give a concert this year during the final program of the Milwaukee Mid-Summer Festival in Milwaukee on July 20. Last summer the band played to an estimated audience of 150,000 persons at the festival's final program, and was enthusiastically received.

An outstanding faculty has again been secured for the 1940 clinic, which is not only the oldest music clinic of its kind in the United States, but is now the largest and most complete. Although its large enrollment annually represents more than 200 high schools scattered throughout Wisconsin, clinic officials are anxious to have every high school in the state represented in the various music organizations of the clinic. This summer high school students from 24 other states besides Wisconsin have already registered for the clinic.

## Badger Youths Plan Conservation Camp At Crivitz, July 14-17

Things that young people like to know about the great out-of-doors will occupy the attention of Wisconsin young folks when they gather for the northeast conservation camp near Crivitz, Marinette county, July 14 to 17.

Any boys or girls interested in learning about forestry, birds, flowers, fish, and outdoor life may attend the camp, according to Bruce L. Carter, county club leader, Marinette, in charge of the camp. The meetings will be held in the Boy Scout camp at Lake Nobeque a few miles east of Crivitz.

On Monday, July 15, a tour will be made to see selective logging operations of a large lumber company, and to note work in progress at the state trout hatchery, at the state nursery, and to observe fire protection demon-

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, July 3, 1940

## U. W. Gets \$75,000 In Gifts From Industry, Alumni, Friends

Twenty-one gifts and grants, totaling \$75,435, were accepted by the University of Wisconsin board of regents at its annual meeting held recently.

The gifts, coming from individuals, alumni groups, and industrial organizations, helped to bring the total for the last school year to a new high in University history.

Largest of the gifts accepted by the regents were two grants of \$20,000 each from the Brittingham fund, one financing the extension for five years of an endowment for a professorship in music, now held by Gunnar Johansen; and the other financing the extension for five years of an endowment for an artist in residence, now held by John Steuart Curry.

Other gifts and grants approved were:

\$1,000 from the colleagues of Prof. Harry Jerome for the establishment of the Harry Jerome Memorial fund to be used to aid graduate students in economics; \$200 from the Pure Milk association of Chicago for four scholarships of \$50 each, available to young men enrolled in the 1940-41 session of the Farm Folk school.

### Gifts Are Listed

\$100 from the Madison Catholic Woman's club for an annual scholarship in the Graduate school; \$50 from the junior division of the Faculty league of Madison for a scholarship in 1940-41 for a needy woman student; \$10,000 to bring the Pro Arte quartet to the university for the year 1940-41; \$6,000 from the Rockefeller foundation for researches in the field

## Badger Schoolmen Plan Institute At U. W. July 15-19

"New Frontiers in Education" is the theme of the Institute for Superintendents and Principals to be held at the University of Wisconsin July 15 to 19.

The institute, according to a bulletin issued by the school, is designed for city and county superintendents, supervising principals, elementary and secondary school principals, directors of research, directors of guidance, and all others interested in administering public schools. It is offered for those who are unable to attend the regular summer session.

During the morning those in attendance are invited to visit classes of their own choice. The round tables will be held from 1:30 to 4:20 p. m. daily, thus allowing time for recreational activities during the remainder of the afternoon. Students registered in the regular summer session are invited to the round-table discussions.

Prof. John Guy Fowlkes, director of the institute, explains the program this year as being organized around major problems which administrative and supervisory officers in the field have suggested as most urgent. Programs have been organized both in the form of panel and seminar discussions. Maximum opportunity will be given for participation in the discussions by members of the various audiences.

"An invitation to school administrators and other guests to visit the University campus and participate in our annual institute is like an invitation to a member of one's family to come to a family gathering," writes C. J. Anderson, dean of the School of Education.

"The invitation is often necessary in order to inform the absent member of the gathering. But when informed he is assured of a welcome because he belongs there."

"The major theme of the institute is New Frontiers in Education. These frontiers are concerned with such topics as the education of handicapped children, special rural school problems, the education needs of the out-of-school youth, changes in the pre-service of teachers, the elementary core curriculum, the development of personality, the teaching of conservation, unification of school curriculum, school financial support, and many other vital problems."

There is no fee for officials of Wisconsin schools, the bulletin states. For the officials of schools outside of Wisconsin there will be a fee of \$10.

On Tuesday, woodlot management methods, simple surveying work, wild flower and tree identification, and handicraft work will occupy the attention of the campers.

Assisting with the supervision and instruction at the camp will be Wake-lin McNeel, assistant state club leader, F. B. Trenk, state extension forester, Charles Drewry, Marinette county agent, Walter Scott and W. T. Calhoun of the state conservation department, in addition to local foresters and woodsmen.

### U. MAN NAMED

A. Frank Ross, a former student of the University of Wisconsin, recently accepted a position as bio-chemist on potato investigation work at the University of Maine. Ross, a native of Missouri, began his graduate work at Wisconsin in 1935, and received his doctor of philosophy degree in June, 1937.

# 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.

MADISON, WISCONSIN

Published by-weekly by the  
University of Wisconsin

June 28, 1940

Entered as second class matter  
Jan. 11, 1909, at the Post Office  
at Madison, Wisconsin, under  
the act of July 4, 1894.

Vol. 33 No. 19

## Four Gifts Bring World-Famed Music Group To State U.

Through the aid of four alumni and friends of the University, the Pro-Arte string quartet of Brussels, Belgium, world-famous string music organization, recently became the Pro-Arte string quartet of the University of Wisconsin.

Four gifts, each amounting to \$2,500, given to the University of Wisconsin alumni and citizens, were presented to the University board of regents recently by Pres. C. A. Dykstra. The four gifts are to constitute a \$10,000 foundation which provides that the Pro-Arte string quartet shall teach at and perform under the auspices of the University of Wisconsin during the 1940-41 school year beginning next October. Pres. Dykstra told the regents, who voted acceptance of the gifts.

The four alumni and citizens of the state who subscribed to the foundation with their \$2,500 gifts are Joseph E. Davis, who graduated from Wisconsin in 1898, and who is now special assistant to Secretary of State Cordell Hull in Washington, D. C.; George I. Haight, widely-known Chicago attorney who graduated from Wisconsin in 1899; Frank J. Sensenbrenner, of Neenah, Wis., member of the University board of regents; and Thomas E. Brittingham, of Madison, who has given the University a number of grants in the past.

The Pro-Arte string quartet is considered to be the foremost musical organization of its kind in the world. It has performed in all the capitals of Europe as well as in all parts of the United States, with highest praise from critics and lovers of music. During the past two years it has given a number of concerts at the State University, under the auspices of the Elizabeth Sprague Coolidge foundation of Washington, D. C.

Pres. Dykstra told the regents that the quartet would teach music as well as give concerts on the University campus, and that it would also be available for concerts throughout the state under arrangements made with the University by local communities, colleges, and music organizations.

At the University the quartet members will aid in coaching the University symphony orchestra, will help in the teaching of music courses, and will give advanced courses in stringed instruments with ensemble groups.

One of the objectives of the quartet will be to help build up interest in and appreciation of music in Wisconsin generally, Mr. Dykstra said.

## U. W. Regents Reelect Officers At Meeting

All officers of the University of Wisconsin board of regents were re-elected at the annual meeting of the regents held on the campus recently.

Arthur J. Glover, Ft. Atkinson, was re-elected president of the board, while Mrs. Barbara Vergeront, Viroqua, was re-elected vice president. M. E. McCaffrey, Madison, was re-elected secretary of the board.

Mr. Glover and Mrs. Vergeront will be serving their second terms as officers of the board, while Mr. McCaffrey has served as secretary of the board since 1907.

## U. W. Man Tests Oxygen Needs of Fish To Aid Conservation Work

An investigation of the oxygen needs of various species of fish, to determine which species can best be adapted to the different types of lakes and other inland waters, is now being made in the University of Wisconsin Lake laboratory.

With equipment designed by himself in cooperation with other State University scientists, Dr. Arthur D. Hasler, between and after his classes in zoology, is conducting fundamental studies into the basic physiology of fish—into "what makes a fish go?"—as he himself so tersely puts it.

Study of the oxygen demands of different species of fish is important, the young scientist explains, because it has a place in the fish conservation and propagation problem. When the oxygen needs of any species of fish is once known, it is then possible to determine the kind of lake or stream in which the species could best be propagated.

Especially is this true in Wisconsin where knowledge on the oxygen-producing ability of many lakes has already been gathered by the Wisconsin Geological and Natural History survey, under the direction of State University scientists. Connecting the oxygen needs of fish with the oxygen-producing ability of any lake or stream will thus help to solve the problem of conserving and propagating the state's fish resources—an important problem in Wisconsin where thousands of tourists come to enjoy a fishing vacation each summer.

### Uses New Method

It has been possible for some years to measure the oxygen needs of fish by a chemical method. Under this method, the scientist used two bottles,

one connected with water in which a fish was placed, the other connected with water in which there was no fish. By chemical means it was then possible to measure the difference in the amount of oxygen in the two bottles, thus showing how much oxygen the fish was using in one.

This is a slow method with which it is possible to make not more than two determinations of oxygen per hour.

In this new method, which is much faster, Dr. Hasler has adapted to his work a means by which activity (oxygen consumption) can be translated into electric current, a method discovered by two other Wisconsin scientists, Prof. Farrington Daniels of the chemistry department, and one of his students. This system is known as the "Dropping Mercury Electrode Method."

### Make Tests Faster

Using this method, Dr. Hasler places the squirming fish in large tubes of slowly running water. The water runs from each "fish tube" to a bottle, then through another tube to the cell of the electrode. As each drop of mercury falls down a vertically placed tube, an electric potential is brought about which can be translated into oxygen concentration in the water of each fish container.

This potential is then measured by readings from a galvanometer, and thus the oxygen demand of the fish in the tube is measured by comparison with the oxygen in an empty "fish tube." By this more intricate but more rapid method, Dr. Hasler can measure the oxygen needs of at least 20 readings on each fish an hour, and thus get an accurate average figure

## Grass Silage, Crops, Homemaking Feature Farm Field Day July 13

Previews of 1941 farm machinery, new crop varieties, and new developments in cookery and homemaking will be attractions at the 1940 Farm Folk's Field Day, University East Hill Farm, one mile west of Madison, Saturday, July 13.

Several makes of forage harvesters that mow, chop, and load green hay for silage in one operation will be demonstrated. These machines, which can be used to chop and load dry hay or straw in the field, will be demonstrated under the direction of F. W. Duffee, University of Wisconsin agricultural engineer, who 13 years ago pioneered in experiments with the forage harvester.

Heading the list of new crop varieties and strains to be seen on Field day is Vicland oats, a high yielding, disease resistant variety developed by the United States Department of Agriculture and the University of Wisconsin. Three-year trials have indicated that in most sections of Wisconsin it out-yields all present varieties.

### Pest Clinic

The Pest Clinic, so popular with

## National Elementary School Principals To Meet At U. W. July 6-19

The National Department of the Elementary School Principals will hold its fourth annual conference at the University of Wisconsin, July 6 to 19, the School of Education has announced. The conference is a special two weeks' course for which credit is given. It is planned cooperatively by the principals and the school.

"Enriching the Elementary School Curriculum" is the general theme of the fourth annual conference. The program will include a series of demonstrations and observations for the first hour in the morning. The remainder of the morning will be devoted to general assemblies at which outstanding leaders in elementary education will speak. Afternoon work will include a seminar meeting of one hour and a half. A wide variety of seminars are offered to meet the interests and needs of those attending.

Separate seminars are organized to deal with enrichment of the curriculum in each of the following areas: social studies, language arts, science and health, exceptional children, rural schools, and also seminars on radio and visual aids, new techniques in supervision and programs of educational interpretation for the elementary school.

The course is under the general direction of J. Murray Lee, assistant professor of education. Registration will take place Saturday morning, July 6.

## Kowalke Retires As Head of Department

Because he wants to spend all of his time on his teaching and research work, Prof. Otto L. Kowalke announced recently that he is retiring on July 1 from the administrative duties and chairmanship of the department of chemical engineering of the University of Wisconsin. Prof. Kowalke has been chairman of the department for 27 years and a member of its teaching staff for 33 years.

Dr. Hasler has been measuring the oxygen demands of his "fishy patients" during their periods of low metabolism, that is, when they are inactive and sleeping, as well as during their periods of high metabolism, when they are awake and very active, or under stimulation of drugs, hormones, etc. In this phase of the work he has been aided by his colleague in the zoology department, Dr. R. K. Meyer.

Of Value To State

He claims that he is merely studying the clinical aspects of fish life, trying to determine their physical well-being and health, just as any other scientist might attempt a clinical study of human physiology and well-being. But back of it all is the more important attempt to determine, from the oxygen-demand point of view, which species of fish are best adapted to what types of lakes, the final answer to which would be of great value to Wisconsin's and the nation's fish-propagating work.

Incidentally, says Dr. Hasler, his work has proved to him that fish are highly "social-minded"—that is, if you assume that they have a mind. Any fish, he maintains, will not use up all the oxygen in the water which immediately surrounds him. The fish will use only about half of it, passing the remainder on for some other fish to use. And the second, third, and fourth fish—and so on down the line—will continue to use only about half of the oxygen given him, constantly passing on some for the next fish—and this little sliver into the "human" side of fish life is no fish story, Dr. Hasler declares.

farmers last year, will be an added Field day feature. Farmers are invited to bring samples of troublesome weeds, insects, and crop diseases and talk over control methods with members of the agricultural staff.

Other subjects of agricultural exhibits and demonstrations will include pig and poultry feeding, new strains of feed and forage crops, artificial breeding of dairy cows, modern farmhouse design, and the farmer's share of the national income.

### Homemakers Meet

On the afternoon women's program, homemakers will be greeted by Miss Frances Zuili, who within the last year was named director of home economics at the University of Wisconsin. Subjects on the program will include a demonstration of new developments in cookery, use of milk and lard, a demonstration in ways of producing quality milk by the champion 4-H club team of the Madison district, as well as music and entertainment.

A noon picnic and continuous moving pictures will round out the Field day activities.

## Two Grants Keep Famed Artists On State U. Faculty

Two grants of \$20,000 each, from the Thomas Evans Brittingham trust fund, to make it possible for the University of Wisconsin to keep on its staff two of America's foremost artists in music and art, were accepted by the State University board of regents at its recent meeting.

The two artists are John Steuart Curry, whose paintings depicting rural scenes have attracted nationwide attention, and Gunnar Johansen, who is considered to be one of America's foremost pianists. The two grants, from the estate left to the University by the late Thomas E. Brittingham of Madison, were extended to the regents by the Brittingham fund trustees, Thomas E. Brittingham, Jr., and his sister, Mrs. Margaret Brittingham Reid.

The total \$40,000 grant of funds provides for an extension for five years of the endowment for artist in residence held by Mr. Curry, and for the professorship in music held by Mr. Johansen. Grants from the Brittingham trust fund originally brought both men to the University, Mr. Curry in 1936, and Mr. Johansen in 1939.

Mr. Curry, a native of Kansas, has produced a number of rural canvases, among which is the well-known "Tornado." During his stay at the University, he has painted a number of Wisconsin rural scenes which have won wide favor. Young men from the farms of the state, enrolled in the college of agriculture, have been afforded the experience of working with and sharing the aspirations of Mr. Curry, who is considered to be one of the really great artists of America.

During his brief time on the campus, Mr. Johansen has won the acclaim of students, faculty, and citizens for his musical ability. Born in Denmark, he studied music in Germany, and later came to America to make his home. He has given piano recitals throughout the country, has played with the foremost American orchestras and string quartets, and is also a noted composer of music. During the past year he has taught in the University school of music, and has performed many times with student music organizations on the campus.

## Agricultural Teachers Honored For Service

Recognition for having completed 10 or more years as teachers of vocational agriculture was extended to 10 Badger high school instructors at the 23rd annual conference of Wisconsin vocational agricultural instructors held at the University of Wisconsin College of Agriculture recently.

Keys, awarded for a decade of service, were presented to Victor U. Elmer, Albany; V. L. Peterson, Antigo; C. A. Nyht, Durand; M. J. Burkhardt, Milton Junction; F. N. Abrams, Mondovi; H. J. Morrissey, Oregon; N. F. Kahl, Plymouth; T. R. Lathrop, Reedsburg; B. R. Dugdale, Stanley; and H. W. Duxbury, Tripoli.

This brings to a total of 55 the Wisconsin teachers who have completed 10 or more years of teaching vocational agriculture. Four teachers who have served continuously since courses were introduced in Wisconsin include N. O. Eckley, Fort Atkinson; H. G. Klumb, Rochester; R. A. Power, Viroqua; and M. C. Kelley, Wisconsin Rapids.

Officers chosen to serve the association during the coming year are M. W. Cooper, Fennimore, president; M. F. Stelzer, Bloomer, vice president; W. D. Freitag, Columbus, secretary-treasurer; and chosen as directors are: J. F. Wilkinson, Oshkosh, director-at-large; H. P. Barrington, Manawa, central district; H. W. Chapman, Whitewater, southern district; and Earle Barber, Ladysmith, northern district.