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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.

Release Wednesday, April 26, 1939

Counsel Service For Plant Workers New Extension Aid

Enlarging upon successful counselling experience in several large industries, the University of Wisconsin Extension division announced this week a counselling and guidance service available to employees generally in Wisconsin industries. The new service parallels employee-training through University Extension study courses, with the purpose of helping employees to select the courses most suitable for their special training and to obtain the most effective results from their study.

A new bulletin outlining the scope of this service lists a wide range of subjects in both academic and technical fields to supply special educational preparation for workers in industrial plants.

A counsellor supervisor named by the plant management is, under the plan, the connecting link between the employee and the State University. He makes surveys of the employees' educational needs; informs employees of educational rackets to which they may be exposed, and with the co-operation of the University representative counsellors regarding the best courses for their specific needs.

The University counsellor makes regular visits to plants, prepares reports for the plant supervisor concerning the needs and interests of prospective employee-students, and makes monthly progress reports on students' work.

Instruction open to employees includes correspondence courses and local extension classes. At present University Extension class programs are operating on day or evening schedules in more than 40 cities.

A purpose of the counselling service, the bulletin explains, is to provide suitable self-study programs to industrial and commercial employees and to protect workers from unfair trade practices used by racketeer correspondence schools.

State Garden Clubs To Radio Help Hints

Wisconsin homemakers, busy with arrangements for their vegetable and flower gardens, will exchange ideas on the "Garden Club of the Air" program over state radio stations WHA and WLWL during May and June.

Suggestions on window boxes, shrubs, birds, flower boxes, garden vitamins, and flexible gardens are included on the various programs which members of Wisconsin garden clubs will present as they tell of their plans and experiences over the Homemakers Hour, announces Mrs. Aline Hazard, program announcer.

Scheduled for this service which will be presented over state stations every Tuesday forenoon at 10:30 o'clock include: May 2, **Madison** District Garden Club; May 9, **Ripon** Garden Club; May 16, **Edgerton** Garden Club; May 23, **Milwaukee** Garden Club; May 30, Memorial Day program; June 6, **Milwaukee** District Club; June 13, **Shorewood** Garden Club; June 20, **Racine** Garden Club; and June 27, **Milwaukee** District Garden Club.

Indiana's Pres. Wells Praises Wisconsin U.

The University of Wisconsin was praised as one of the greatest universities not only in America but also in the world by Dr. Herman B. Wells, former Wisconsin graduate student who is now president of the University of Indiana, at the second annual Wisconsin Bankers' conference held recently in Madison.

"You men and women of the state of Wisconsin have one of the greatest universities in America," Pres. Wells declared. "You have an institution so distinguished that it is numbered with those few which have an enviable world reputation."

Pres. Wells paid special tribute to a number of Wisconsin faculty members, including Pres. C. A. Dykstra, Professors Fay H. Elwell, William H. Kieckhofer, Walter A. Morton, and Emeritus Professors John R. Commons and William A. Scott.

"Glorious as has been the past record of the University of Wisconsin, I predict that under the leadership of your experienced, dynamic, and capable new president, Clarence A. Dykstra, even greater successes are in store for your institution in the future," Dr. Wells said.

Six U. W. Men Talk At Econ. Sociology Meet

Six University of Wisconsin faculty members took part in the joint program at the annual meetings of the Mid-West Economics association and the Mid-West Sociological society held in Des Moines, Iowa, last week. They are Prof. W. A. Morton, who talked on "The Theory of Interest"; Prof. W. P. Mortenson, who discussed "Milk Distribution as a Public Utility"; Prof. Benjamin Hibbard, who presented a paper on the agricultural situation; Prof. W. Bayard Taylor, who told of the "Economics of Large-Scale Enterprise"; Prof. Walter W. Heller, who led discussion on state tax problems; and Prof. Howard Becker, who described "Trends in Contemporary Sociology." Prof. Taylor is vice president of the economics association.

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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U. W. Grad's Spare Time Work for 14 Years Results in Important Volumes

A spare time job that was started 14 years ago by a young woman graduate of the University of Wisconsin has this spring resulted in the publication of a two-volume, pioneering monumental work in the field of science—a complete subject bibliography on "Anaerobic Bacteria and Their Activities in Nature and Disease."

The woman scientist who started the job 14 years ago is Miss Elizabeth McCoy, now a member of the agricultural bacteriology staff at the State University who, upon her graduation in 1925, discovered that she was more interested in the tiny anaerobic germs than anything else in the world.

If it were not so clumsy, another name (an unscientific one) for anaerobic bacteria would be "Away-from-the-Air Germs." For such bacteria are really internal organisms, living and working inside matter, completely shut off from the free oxygen that all other forms of life require. Indeed, anaerobic bacteria do not like free oxygen at all, because it destroys them instead of giving them life. These little germs, working on the inside of a wound, cause gangrene to set in, and are directly responsible for lock jaw in humans.

Graduated in 1925

Miss McCoy first learned of these bacteria as an undergraduate student at the University of Wisconsin. In 1925, she received her bachelor of science degree in home economics, and immediately began doing graduate work in the agricultural bacteriology department, studying under Dr. Edwin B. Fred, then professor of agricultural bacteriology, now dean of the Wisconsin Graduate school.

Articles describing some of the diseases caused by these organisms had appeared prior to the time of their discovery by Louis Pasteur in the 1860's, and much has been written since. But nobody had attempted to make the mass of material available to the present-day student of the anaerobes by compiling a complete bibliography thereof.

To the completion of this work Miss McCoy turned her attention when she began her graduate work in 1925. From the beginning she could give

only her spare time, evenings, Sundays, and holidays to it, since all regular working time was spent in study and laboratory work for her advanced degrees. She obtained her master of science degree in 1926 and her doctor of philosophy degree in 1929.

Aided by McClung

Then she joined the staff of the University's agricultural bacteriology department, teaching and doing research work. But she continued, still in spare time, to work on the subject bibliography on the "away-from-the-air" bacteria.

In 1932 a young man came all the way from Texas to do graduate study at the University of Wisconsin. His name was Leland S. McClung. While studying for his doctor's degree in agricultural bacteriology, he also became interested in the bibliography on anaerobic bacteria, and joined Miss McCoy in the work, also devoting his spare time to the job. Thus the work was a natural development growing out of the graduate training of these two students, and from the fact that the University of Wisconsin library is unique in the completeness of its material in this field. Every cooperation was given to the two research workers by the library in gathering the material they needed, which, now assembled in the two volumes, has just been printed by the University of California Press at Berkeley.

Has 120,000 Entries

The work consists of a subject index of about 120,000 entries based on about 10,500 original journal articles, monographs, or other published reports. Each of these articles has been examined in the original and scanned for reference to the appropriate subject sections of the bibliography by the authors. The volumes contain cross references and a chronological author index dating from 1816 to the present time.

The subject index outline of the bibliography is divided into 10 sections which give references on the tiny germs known as anaerobic bacteria under these headings: habitat or occurrence, culture methods, morphology, metabolism, products of metabolism, physiology, serological studies, disease relations, classification, and special lists.

U. Country Mag Elects New Edit Board, Staff

Charles Krueger, Monroe, and Caroline Bishop, Oshkosh, have been elected members of the board of control of the Wisconsin Country Magazine by students in the University of Wisconsin College of Agriculture. Each year two sophomores, one in agriculture and the other in home economics, are elected to serve a two-year term on the board.

Other members of the board include: George Briggs, **Madison**; Caroline Hubatch, **Antigo**; and Dean Ira L. Baldwin, Hazel Manning, and W. B. Sarles, faculty members. Advancements made in the editorial staff include: editor, Robert Monk, **Wausau**; business manager, John Braun, **Racine**; and advertising manager, Dan Britts, **Milwaukee**.

Speakers at a luncheon meeting next Saturday noon will be Miss Ethel Newby, **Fond du Lac**; Dr. P. H. Falk, **Madison** superintendent of schools; Barton Rogers, **Oconomowoc**. A group of Madison school children will present a program directed by Mrs. Fannie Steve, **Madison** health education supervisor.

Discussion groups will consider six elementary school education problems during the Saturday afternoon session of the conference. The six subjects to be discussed are: The Elementary School Curriculum; Science; Administration and Supervision; Social Studies; Reading; and Radio and Visual Instruction.

Wisconsin school men and women who will lead the discussions on these subjects include: Albert W. Peck, **Milwaukee**; W. F. Karst, **Wauwatosa**; Miss Doris C. Jones, **Beaver Dam**; Dr. J. Murray Lee, of the University school of education; Miss L. Keller, **Shorewood**; John Walecka, **Wauwatosa**; C. W. Gessell, **Whitefish Bay**; J. E. Heffernan, **Sheboygan**; Harold Sosted, **Beloit**; Miss Josephine Benson, **Superior**; Emory Leamer, **La Crosse**; Dr. John Guy Fowlkes, professor of education at the University; **Tell Research Story**

The 58 Wisconsin science investigators will present 37 papers at the meeting. These various papers will tell the story of research work done at the University of Wisconsin in the fields of physiology, biochemistry, pharmacology, and pathology. One University of Wisconsin scientist, Dr. W. J. Meek, assistant dean of the Medical school and professor of physiology, will appear on the program either to present papers or to introduce scientists, 10 times—more than any other American scientist.

The large amount of scientific research work to be reported on by the Wisconsin scientists at the meeting is again evidence of the State University's outstanding work in science, and of the high spirit which prevails in science research on the Wisconsin campus.

HONOR U. W. TEACHER

Miss Blanche M. Trilling, director of the department of physical education for women at the University of Wisconsin, has just been elected an active fellow of the American Academy of Physical Education. This is the highest recognition which the Academy, an organization affiliated with the American Association for Health, Physical Education, and Recreation, awards. The honor is a recognition of her years of service and splendid contribution to the field of physical education.

U. of W. Students Making Plans For Parents' Weekend

University of Wisconsin students are busy making plans these days to entertain their mothers and fathers who are being invited to visit the State University campus during the annual Parents' Weekend to be held this year on Friday, Saturday, and Sunday, May 19-21.

More than 60 students have been named members of 10 committees which have been charged with making preparations for the weekend under the general direction of Miss Gladys Dingee, student from **Wauwatosa**, and Wilson Thiede, **Manitowoc**, co-chairmen for the event. A faculty committee is assisting the students.

Plans now under way point to a busy weekend of entertainment for the mothers and dads who attend this year. Last year more than 1,200 parents attended the event. On Friday afternoon, May 19, a military parade is scheduled, and later the traditional and impressive Senior Swingout ceremony will be held on the upper campus, with the senior women handing over the torch of learning to junior women.

During Saturday morning the parents will be given an opportunity to take bus rides through the entire campus, visiting various buildings and departments of the University in which exhibits will be arranged. During the afternoon, both men's and women's sports events are planned for the parents' entertainment.

On both Friday and Saturday, parents are invited to attend classes with their sons and daughters so that they may meet some of the University's faculty members and see for themselves how the University's teaching work is carried out.

The annual banquet in honor of the parents will be held Saturday night in the Memorial Union building. Following the banquet, the annual Tournament of Songs will be held on the Union Terrace, with fraternity, sorority, dormitory, and other student song groups competing for campus singing honors the while they entertain their parents.

Special church services in honor of the parents will be held in the various student churches surrounding the campus on Sunday morning. Following the services, the mothers and fathers will be guests of their sons and daughters at Sunday dinners to be held in the various sororities, fraternities, dormitories, and independent houses.

58 U. W. Scientists Present Papers At National Biology Meet This Week

University of Wisconsin science research investigators who will appear on the federation's annual program, and the specific field in which their research has been done, are:

Harold Goldberg, J. A. E. Eyster, Walter J. Meek, and H. L. Bartsch, physiology, heart and circulation; R. C. Herrin, W. J. Meek, and C. A. Endler, physiology, digestive secretions; Carl G. Heller, Emily J. Heller, and Elmer L. Sevringshaus, physiology, sex hormones; Dr. Arthur L. Tatum, who will preside at a joint symposium on chemotherapy by biochemical and pharmacological societies;

List U. W. Scientists

Aaron Arnold, R. W. Engel, Paul H. Phillips, Marion S. Kimble, Edgar S. Gordon, G. O. Kohler, S. B. Randle, and J. R. Wagner, biochemistry, vitamins; Howard Eder, H. C. Bradley, and S. Belfer, biochemistry, enzymes and bacteria; E. E. Snell, W. H. Peterson, D. W. Woolley, and L. E. McDaniel, biochemistry, enzymes and bacteria; R. J. Evans, P. H. Phillips, and E. B. Hart, pharmacology;

O. S. Orth, J. W. Stutzman, W. J. Meek, and Frank Maresh, physiology, heart and circulation; Henry D. Lauzon, physiology, pituitary, thyroid and thymus; B. J. Longley, N. M. Clausen, and A. L. Tatum, pharmacology; H. J. Byrne and P. M. Nelson, pathology; C. A. Elvehjem will participate in a symposium on the chemical reactions of vitamins in vivo; H. P. Rusch, C. A. Baumann, and B. E. Kline, pathology; H. Schneider, H. Steenbock, D. V. Frost, and C. A. Elvehjem, biochemistry, mineral metabolism;

F. E. Shideman, F. J. Stare, and M. H. Seavers, pharmacology; R. N. Feinstein, F. J. Stare, C. A. Baumann, H. P. Jacobi, and H. P. Rusch, pathology; Karl H. Beyer, physiology, kidney and hypertension; H. J. Tatum, F. L. Kozelka, M. H. Seavers, R. T. Stormont, and C. H. Hine, pharmacology; Elizabeth Brogdon, Frances Hellebrandt, Philip P. Cohen, and Ruby H. Teppe, physiology.

Fredric March Aids Campaign To Help New U. W. Theater

Led by Fredric March, famous University of Wisconsin alumnus of stage and screen, and Chris Bonnin, president of the Wisconsin Alumni club of New York, former State University students living in New York launched this week a project to give the University the lighting system and switchboard for the experimental theater in the new Memorial Union addition, now under construction on the Wisconsin campus.

With the slogan, "Lights up on the Wisconsin stage—New York will throw the switch," alumni of the theater center of America will undertake to raise \$8,000 for a new type of lighting control for the new University of Wisconsin theater.

Invented by Lee Simonson, nationally known theater expert and consultant on the Union project, the new switchboard promises to revolutionize theater lighting. It will be the first installation of its kind anywhere.

New York alumni, among them some of the outstanding figures of the theater world, gathered to hear the story of the new University theater at a huge dinner dance and theater rally at the Ambassador Hotel in New York Monday night. Simonson and E. H. Gardner, member of the Memorial Union Building committee, who was instrumental in starting the Union project 20 years ago, addressed the group. Harold G. Pickering, well known New York attorney, presided.

Many alumni first attended Fredric March's Broadway hit, "The American Way," which is playing to 6,000 nightly in the Radio Center theater. March, who received his first training in campus dramatics at Wisconsin's University, attended the after-theater dance to give his alma mater's new theater a send-off and greet his fellow-alumni.

The New York gift to the Union's theater will bring the campus faculty-student-alumni center to near completion. Launched by former governor Walter Kohler, F. H. Clausen of Horicon, E. H. Gardner, and others as a memorial to the University of Wisconsin men and women who served in the war, the Union is the largest single gift undertaken of Wisconsin alumni and friends. Almost \$1,000,000 to the project, on which no state funds have been used.

The new theater addition is financed in part by a federal grant. Only \$30,000 for equipment is still needed to open the building next fall.

Revised U. W. Music Curriculum Means More, Better Music

Better trained music teachers, more and better music in the schools, and more and better music in the communities and in Wisconsin as a whole—such is the goal of the revised music curriculum which was recently recommended by the school of music faculty at the State University and approved by the general faculty.

The revised curriculum provides for the development of musical theory in the work of the first two years to run parallel with the various aspects of applied music so that students at the beginning of the junior year may have a firm foundation for the development of their musical talent.

The revision also sets up a comprehensive examination in music at the end of the first two years to make sure that the proper foundation has been laid. This comprehensive examination is open to all students who have secured at least 1.6 grade points per credit in the music courses of the first two years.

Under the revision, the proportion of letters and science and education studies for the music degree and teacher's certificate remains the same, although closer correlation has been established with the professional courses in education.

The main stress in the revised curriculum is placed upon the preparation for teaching or school music. The plan emphasizes preparation for teaching so that better prepared teachers may go into the schools and with their knowledge and enthusiasm and teach skill develop and increase the service and improve the work in music in the schools. The final object of the revised curriculum at the University is the enrichment of the life of the people in Wisconsin through a larger knowledge and an increased employment of music.

Bewick To Announce Summer 4H Plans

Wisconsin 4H club members will hear their state leader, T. L. Bewick, of the University of Wisconsin, explain the new plans proposed for the 1939 state club week program when they tune in for the "4H Club of the Air" over state stations WHA and WLWL Saturday, April 29. Plans for dividing the summer state club program into state club week to be held June 15 to 19 and the state club camp which will be held August 7 to 10 will be explained by Bewick. Just what club members and leaders may plan now in preparation for these two coming state events will be explained for the benefit of more than a thousand state members and leaders who attend these club functions.