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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.

Sept. 12, 1934

MADISON, WISCONSIN

Vol. 30, No. 11

Federal Support Of Education Is '35 Debate Topic

Wisconsin High Schools Are Furnished With Timely Forensic Question

The wisdom of making public education more universally available by distribution of federal subsidies will be the topic for all Wisconsin high schools engaging in interscholastic debate in 1935, it was announced this week.

The department of debating and public discussion of the University Extension division issued the following statement of the question for member schools of the Wisconsin High School Forensic association:

"Resolved, that the federal government should adopt the policy of equalizing educational opportunity throughout the nation by means of annual grants to the several states for public elementary and secondary education."

Question Is National

The same question will be discussed by schools in all states whose high school forensics are identified with the National University Extension association.

The latest date for registering for debate is Dec. 15.

Material for the debate is contained in the official Debate Handbook, issued by the association to member schools, and in publications and loan package libraries available from the department of debating.

Membership in the forensic association now reaches every Wisconsin county. The officers are working toward a goal of 100 per cent membership for high schools. The members last year comprised 379 schools, as compared with 286 in 1925-26.

Plan Speech Institutes

Eau Claire high school was last year's title winner in debate, with Redgranite second and Oconomowoc third.

The forensic board is planning to organize several speech institutes this year, similar to the last two, held at Wisconsin Rapids and Eau Claire. Schools are being asked to vote on the plan.

The annual meeting of the forensic association will be held in Milwaukee Nov. 2. George J. Balzer, Milwaukee, is president, O. H. Plenzer, Madison, is treasurer, and Miss Almere Scott, University Extension division, Madison, is secretary. Memberships for 1934-35 are being received by the secretary.

Hold Political Forum Over State Stations on Eve of Election

Concluding the four weeks series of verbal engagements which made up the series of political education broadcasts sponsored by the state and heard over the publicly-owned radio stations will be the "forum" offered

Welcome Hundreds of Freshmen to U. W. at Opening of Orientation Week Sept. 19

Hundreds of young men and women from all parts of Wisconsin and many other states will be welcomed to the campus of the University of Wisconsin next Wednesday, Sept. 19, at the opening of the State University's annual Freshman Orientation period.

Several hundred University faculty members, with the aid of more than 200 upperclass students, will welcome the first year students to the campus during the period, which will last one week, until the beginning of classes Sept. 26.

Plans for the period have been completed by the faculty freshman period committee and by the two members of the senior class who will head the several hundred upperclass students who will come back to the University a week early this month to act as counsellors to the first year students in helping them become acquainted with the campus.

Fresh Meet Faculty

The primary purpose of the orientation period is to give the freshmen an opportunity to receive first impressions of the University from members of the faculty who are interested in developing a realization that the University of Wisconsin is a human institution and that the faculty is interested in the problems of the individual student.

The most significant activity of the program arranged for the period is the provision for an individual conference for every freshman with a member of the faculty, according to Frank O. Holt, registrar and chairman of the faculty freshman period committee.

Take Part in Activities

Such conferences are to be concerned with the general problems which confront the students entering the University environment, and with specific problems concerning the individual student as drawn from the complete record forwarded by the secondary school from which the student entered the University.

Besides the counselling, certain other activities are scheduled for the period so that the critical and delicate transition from the high school to the University may be made as easy and natural as possible. These activities include a general assembly, college and departmental assemblies, open house of student religious centers, Memorial Union open house, and va-

Pres. Frank Pays Tribute To Regent Arthur Sholts

High tribute to Arthur Sholts, member of the board of regents of the University of Wisconsin, who died recently, was given by Pres. Glenn Frank at the funeral services which were held in the auditorium of the high school at Oregon, Wis., where Regent Sholts lived. Following is the tribute:

Arthur Sholts

1861-1934

By Glenn Frank

"I find it difficult to believe that Arthur Sholts is dead. But, now that I know he has come to that turn in the road mortals call death, my confidence of immortality is richly fortified. An intelligence capable of making and maintaining the Universe would not waste the superb mechanism of mind, the granite solidity of character, and the appealing sweetness of spirit that were his on a mere seventy-three years.

"It was my privilege to know him for but six of these seventy-three years. But, in these six short years, I saw the inside of his mind and felt the impact of his spirit with an intimacy that leads me to feel I can share with you who knew him for a lifetime the profound sense of personal loss his going brings.

"You knew him as neighbor and ceaseless servant of the values that give meaning to the life of community and state. I knew him as a Regent of the University of Wisconsin. And in that office the richness and realism of his character found consistent expression.

"In the six years of his regency, he set an ideal for all time for men who serve upon such governing boards. The loyalty he gave to the University was never diluted by any personal or political considerations that might even indirectly run counter to the best interests of the University and its service to the State. When issues of wide public concern were before the Regents, he never asked what the press might say of his vote or shaped his share in discussion to

capitalize some popular prejudice. He was concerned only that his judgments be just and that his expression of them might make for a sounder and more serviceable University for the sons and daughters of all classes and all conditions of men. He seemed always to feel that his first responsibility as Regent was neither to the Governor who appointed him nor to the political party that happened to be in power at the time, but to this youth of the State. It is a fortunate State that has in its citizenry men like Arthur Sholts to whom the governance of its University can be entrusted.

"He brought to his regency a richly educated mind. He read widely. He expressed his judgments in speech or in writing with a clarity of style that reflected the clarity of his thought. He followed the varied and sometimes tangled threads of discussion with understanding and interest. He knew the difference between a fact and a guess. And, with a fact before him, he could see its implications. He was acutely sensitive to values. Truth attracted him. Error repelled him.

"He responded to beauty. He rebelled against ugliness. Justice warmed his heart. Injustice fired his indignation. He had a feeling for worth. His mind had the humility that makes for open-mindedness, the curiosity that makes for careful analysis, the courage that makes for a willingness to venture on new trails, and the responsibility that makes for reliable action. His mind was anything but a machine. The solidity of his learning, the uncompromising devotion of his public service, and the masculine ruggedness of his character were warmed and illuminated by an almost feminine sympathy, intuitive insight, and understanding so often found in strong men.

"I have spoken of Arthur Sholts as a colleague in public service. But my sense of loss is more intimate and personal. I admired him as a man. I respected him as a servant of the State. But I loved him as a friend. Our years of association will always remain one of the richest memories of my life. And there are tears in my heart as I bid him goodbye."

next Monday (September 17).

Representatives from the four recognized political parties will appear on the air in the course of the hour and sum up the cases for their parties. The schedule will be Republican party, 4:00 p. m.; Democrat party, 4:15 p. m.; Socialist party, 4:30; and at 4:45 the Progressive party.

Coming on the eve of election day, this will be a final rebuttal for all concerned. After following these talks for four weeks, voters have had an opportunity to hear all angles of the questions upon which they are to ballot.

The entire schedule of broadcasts was arranged and mutually agreed upon by representatives of the various political groups meeting in the office of the Secretary of State last July.

The "forum" will be broadcast over the state-owned stations WHA in Madison and WLBL in Stevens Point.

U. W. Man Tells of Way to Find Metal's Elastic Strength

A practical means for determining elastic strength of metal materials has recently been discussed by J. B. Kommers, professor of mechanics at the University of Wisconsin. The methods which Prof. Kommers has tried out are described in a recent series of articles by him in the technical journal, *Engineering*, printed in London, England.

During the past five years there has been considerable discussion in the proceedings of the American Society for Testing Materials as to practical means for determining a value which may be regarded as approximating the elastic strength of a material. The terms "elastic limit" and "proportional limit" have very simple definitions, but their practical determination is complicated by many factors.

Test Steels, Brasses

Prof. Kommers cites his own results on a series of steels to show that for steel the elastic limit and the proportional limit are nearly identical. His results on a series of brasses show that in making a determination of the elastic limit, the repeated loadings used in making the test may influence the result obtained by changing the material from its original condition.

For wrought iron and steel the author concludes that the yield point would be satisfactory as an approximate value of elastic strength, while for a more delicate determination a modification of Johnson's elastic limit could be used. For non-ferrous metals, such as brasses, bronzes, and aluminum alloys, he suggests that the best solution of a vexing problem is to determine the "yield strength" as proposed by one of the committees of the American Society for Testing Materials. This committee defines "yield strength" as the stress at which a material exhibits a specified limiting permanent set, and suggests a simple manner of determining it.

Discussion of this practical method is regarded as important by engineers because of its implications in building and machine work, where the determination of the elastic strength of metals leads to the finding of the stress values of these metals in designing a structure or in making machine parts, and therefore are essential to safety.

Rural Teams Win in Softball Tilt

With some of the strongest teams of the state participating, the 1934 championship honors in all classes were won by rural and small town teams in the fourth Wisconsin playground softball tournaments held at the recent state fair.

Championship in the open class tournament, in which eight rural and eight urban teams were entered, was won by the South Lake Shores team of Racine county, composed entirely of farm boys, according to A. F. Wileman of the State University college of agriculture.

The rural championship class was won by the Oakdale team of Rock county; the small town tournament was won by a team from Milton, Rock county; while the 4H class champion ship was won by the Marathon 4H club of Marathon county.

Five Badger Freshmen Win U. W. Scholarships

Five farm boys, representing as many counties, have won scholarships in the University of Wisconsin college of agriculture. A total of 32 contestants competed in the contest.

Writing upon the subject, "Agriculture and My Future", these young men told what they had done in agriculture and why they wished to make their future in the field of agriculture. The scholarships are awarded annually by the regents of the State University.

The winners announced by the Committee of Awards are Frederic Hopfert, Sheboygan county; Lawrence Plazak, Langlade; Marcus Schmidt, Door; James Wiebe, Polk; and Bruno Zucolla, Marinette county.

The alternate winners who may receive a scholarship should any of the winners be unable to enter the University are Donald McDowell, Marquette county; Arthur Wiedemer, Walworth; Orville Wyss, Taylor; Glen Pacey, Kenosha; and Clayton Heitz, Jefferson county.

U. Men Take Part in Chemical Meet

Many U. W. Scientists at National Meeting

A large delegation of University of Wisconsin scientists are participating in the 88th meeting of the American Chemical society, which is being held in Cleveland, Ohio, this week.

National progress in practically every field of chemistry is being reported in hundreds of addresses and papers, many of which are being presented by researchers of the University of Wisconsin. Karl P. Link, professor of bio-chemistry at the State University, and who is chairman of the Wisconsin section of the society, heads the group from this state.

Prof. Henry A. Schuette of the University is presenting a paper with Thelma M. Garvin and E. J. Schwengler, on "The Composition and Characteristics of the Abdominal Fat of the Western Range Horse."

Chemical, bacteriological, and nutritional aspects of A. I. V. alfalfa silage is being discussed by Professors W. H. Peterson, E. B. Fred, and Gustav Bohstedt. Prof. Peterson and H. J. Gorcica, research assistant, are also reporting research on "The Vitamin B. Complex of Mold Mycelium."

Marvin J. Johnson, research assistant in agricultural bacteriology and chemistry at the University, is delivering a paper at the "Symposium on the Chemistry of Enzymes," an outstanding feature of the annual meeting.

Report on Vitamin B-4

"The Effect of Iron and Copper Therapy on the Hemoglobin Content of Infants" is the subject of Dr. C. A. Elvehjem, who is describing his extensive experiments in this work at the State University. With O. L. Kline and Prof. E. B. Hart, Dr. Elvehjem is also reporting further studies on Vitamin B-4.

Dr. C. E. Curran of the United States forest products laboratory at the State University is presiding at the session of the cellulose chemistry division, of which he is chairman.

Among the speakers at this session are E. F. Kurth, George J. Ritter, Forrest A. Simmonds, and R. L. Mitchell, all of the forest products laboratory.

Prof. Homer Adkins of the University is making the opening address at a symposium on "The Mutual Problems of Organic and Physical Chemistry." Prof. Farrington Daniels is giving a paper on "The Absorption of Radiation and Its Interpretation."

U. W. Men on Council

Other State University chemists who are reporting advances are Prof. O. A. Hougen, of the University's chemical engineering department, and Alfred J. Stamm and F. L. Browne, both of the forest products laboratory.

Sessions of the convention deal with public health and sanitation, gas and fuel, chemical education, rubber, fertilizers, petroleum, sugar, water supply and numerous other fields of pure and applied science.

A meeting of the council, governing body of the Chemical society, is among the events scheduled for the week. Wisconsin's representatives on the council are Dr. George J. Ritter and Prof. Schuette, both of the State University. F. M. Strong, University instructor in agricultural bacteriology and chemistry, is secretary of the Wisconsin section.

Many Rural Groups Plan Own Amusement

Home talent entertainment is growing in popularity in rural Wisconsin.

This was indicated in the increased interest taken by both performers and audience in the third annual rural music and folk festival held at the recent Wisconsin state fair. More than 600 rural folks appeared on the stage of the Little Theatre during the different events, all of which were well attended by state fair visitors.

A decided increase in interest was shown in folk dancing, where 12 rural groups took part this year as compared to but one in 1933, reports Miss Amy Gessner, of the University of Wisconsin college of agriculture, in charge of the program. Among those who took part in folk dance events were groups from Marathon, Shawano and Winnebago counties. Among the chorus groups Kenosha, Marinette, Racine, Shawano, Walworth and Winnebago counties were represented.

Early Freshman Registration at U. W. Increases

Applications for Entrance into State U. 30% Over Last Year

Early freshman registration at the University of Wisconsin is nearly 20 per cent ahead of the number of young men and women who definitely indicated they would enter the State University a year ago, it was revealed at the office of Registrar Frank O. Holt recently.

With the beginning of Freshman Orientation period still a week away, and with two more weeks before classes commence, applications for freshman enrollment are nearly 30 per cent ahead of last year at this time, with the number of first year students who have definitely announced that they were going to enter the State University nearly 20 per cent ahead of last year.

400 More Applications

By early September of last year 1,400 young men and women had applied for entrance into the freshman class of the State University. This year, however, more than 1,800 applications have already been received. Last year, by early September, the number of students who had definitely announced they would enter the University as freshmen had reached 1,074, while on the same date this year 1,276 boys and girls have definitely informed Registrar Holt that they will enter.

These figures reveal that at this early date about 400 more applications for entrance into the University have been received this year than last, and that even though freshman registration will continue right up to the time classes start, already the number of students who have definitely announced that they will enter as freshmen this year exceeds last year's figure by 202.

Students Need Jobs

Whether the increase in the freshman registration means an increase in the total enrollment of the University this year is doubtful, Registrar Holt said, since there is no accurate method of determining in advance what the enrollment of upperclass students will be. A slight increase over the total enrollment of 7,300 last year is probable, but not counted on definitely.

Many of both old and new students who hope to attend the University this year need part-time jobs to help earn their way through school, and total enrollment figures depend on how many of these young men and women get part-time work. Nearly 900 part-time jobs are assured those who must have work, through the federal government's part-time job plan, which will be continued at Wisconsin this year. In addition, the student employment office is leaving no stone unturned to find other jobs around the University and in Madison for students.

Eau Claire County Committee Chooses Dane County Man

Succeeding T. A. Parker, who has resigned to accept another position, P. B. Eves of Dane county has been named 4H club leader of Eau Claire county. For a period of years, he served as a county agent of a Minnesota county. He is a graduate of the University of Wisconsin, managed the Negauke Farms for several years, and has been an engineer at a soil erosion camp. In addition to 4H club projects, Mr. Eves will aid with drouth relief, the corn and hog reduction program, and other governmental enterprises. Mr. Parker becomes district field man for the Rural Rehabilitation and Drouth Relief administration.

Offer Forestry Course First Time This Fall

More than a dozen freshman students have already registered for the newly established pre-forestry course offered for the first time this fall at the University of Wisconsin college of agriculture, it is announced by I. L. Baldwin, assistant dean.

Pre-forestry work has been arranged from existing courses to permit Wisconsin students who plan a professional course in forestry to attend the State University for two years, later transferring to any one of several institutions offering degrees in the field.

"There is a surprising interest in the field of forestry among the young men of the state," declares Baldwin. "For a number of years we have been receiving an increasing number of letters asking about such a course at Wisconsin. The present