

NEW LABORATORY AT O. A. C. WILL SOON BE READY

School of Engineering Will Profit Materially in Way of Better Accommodations.

Oregon Agricultural College, Corvallis, July 31.—The new engineering laboratory building, under construction for many months, will be completed at a total cost of approximately \$100,000, within a month, according to the contractor. This will help to relieve the crowded conditions which have existed the last year or two in the school of engineering. Instructional work in engineering, in fact, has been scattered all over the campus.

The new building will be 220 by 83 feet in size and will consist of two stories and basement. The construction is mainly of brick, except the smaller rooms along the south side, which have wood floors.

The main laboratory bay located on the first floor is 112 feet wide and extends the entire length of the building. The floor of this room is of reinforced concrete, panel construction, designed to carry a live load of 300 pounds a square foot. A gallery 10 feet wide, also of reinforced concrete slabs, to carry 150 pounds per square foot, extends along the north side. Gallery space 20 feet wide is also provided at each end. These floors will be served by a 4-ton electric traveling crane which also has access to the basement through the openings in the main floor. A 100 horse power water-tube boiler will be installed in the basement to furnish power and heat for the building. EQUIPMENT TO BE PLACED

Equipment now in various places about the campus will be moved into this structure as soon as it is ready. Additional equipment to the amount of \$50,000 will be installed to serve the department of physics, including mechanics and materials, and civil engineering, including hydraulics.

In mechanical engineering the laboratory work consists of care, operation and maintenance of steam boilers, engines, pumps and auxiliaries, and care, operation and trouble shooting of gas engines for freshman students. Advance students will make tests of economy, efficiency and power measurements, of boilers, engines and complete plants.

ROAD MATERIALS ARE USED In the department of mechanics and materials, students are taught the physical properties and construction of various materials used in engineering construction. The strength of wood, iron, steel, concrete, and other materials is found by actual test.

Road materials are studied scientifically and tested to determine their value for actual construction of roads and pavements. Comparative tests of fuels are made to find their economic value in heating and producing power. Lubricating oils are examined to find their values in eliminating friction.

The hydraulic equipment will furnish means for a study of pumps and water wheels, and power measurement and also of water through channels, pipes and weirs.

"It is the intention to make this laboratory one of the most modern and complete college laboratories in the Northwest," said Dean G. A. Corvill of the school of engineering.

The rooms along the south side of the building will contain offices of the staff members, lecture, recitation and computing rooms for students, mechanical shops, apparatus and other rooms.

Michigan Man to Head A. C. Public Speaking Course

Oregon Agricultural College, Corvallis, July 31.—C. B. Mitchell, associate professor in charge of public speaking and debate at the Michigan Agricultural college, will head the department as full professor at the college next school year. He has received degrees from both De Pauw university and the University of Michigan. He has been connected with the staff of the Michigan Agricultural college for eight years and has produced many winning debate teams.

Miss Norma Olson will continue as instructor in expression and dramatic art and Dr. George H. Varney, who had charge of both public speaking and debate last year, will handle the public speaking work.

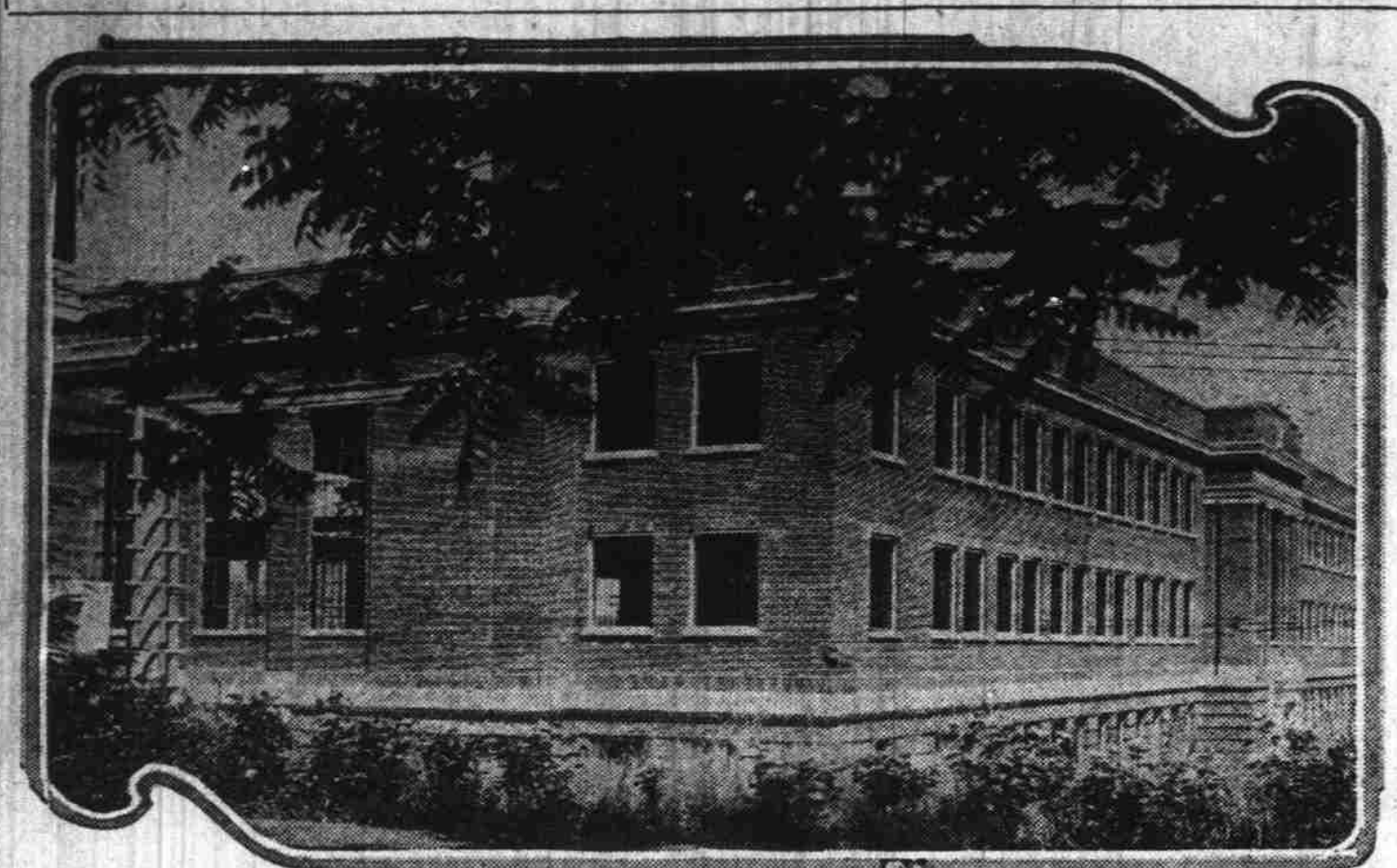
Dr. Lewis Sherman Davis, professor of chemistry at the University of Indiana, has been appointed associate professor of chemistry at this college. He is a graduate of the University of Indiana and of the University of Marburg, Germany.

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NEW BUILDING NEARING COMPLETION AT O. A. C.



First photograph of new engineering laboratory at O. A. C., now nearing completion

VOCATIONAL HELP WILL BE OFFERED IN ALL SECTIONS

Plan Is to Help Individual Help Himself Rather Than Do Things for Him.

Seven regular organized branch vocational guidance associations are now federated in the National Vocational Guidance association, according to a statement by Professor John M. Brewer, president of the association.

The list includes the Vocational Guidance association of New York city, the National Vocational Guidance association, the Vocational Guidance association of Minneapolis, the Cincinnati Vocational Guidance association, the Vocational Guidance association of Philadelphia and vicinity, the New England Vocational Guidance association and the California Vocational Guidance association.

A committee of the national association is now engaged in working out a set of principles that can be inducted by persons interested in vocational guidance throughout the country and put forth as a code to guide workers in the movement. In his statement Dr. Brewer says:

"It is reasonably well agreed that the fundamental aim of vocational guidance is vocational self-guidance; that is, that the child or adult, except in extraordinary circumstances, is not to be conceived as a pawn to be moved about by more experienced persons, no matter how possible, well meaning or expert such prescription might be. Thus vocational guidance becomes also educational guidance, and the teacher, counsellor and employment manager furnish precedents to the status of an efficient and thoroughly socialized worker who proceeds through his own personal choice and by his own decisions provided at all stages with the best possible guidance."

"Another important principle that has emerged from recent discussions is the proposition that vocational training and education must be preceded by vocational guidance. At the Chicago convention a resolution on this subject was passed and later presented to and ratified by the National Society for Vocational Education. This resolution declared that vocational subjects should be preceded by try-out courses to discover the abilities and interests of children, by a class for the study of the advantages and disadvantages of occupation and by such counselling, physical and mental examinations and other means of enlightenment as will offer opportunity for a sensible choice of occupation."

Centralia Schools Are Being Fixed Up

Centralia, July 31.—Many improvements in the various school buildings are under way preparatory for the opening of the fall school term in Centralia. Painting and retouching are being done at the Oakview and Logan schools, and tinting and calsoning in various rooms. At the Edison school a petition is being placed in the auditorium in order to furnish additional class room, and will probably be removed when another building is erected to accommodate a part of the students. City water has been piped to the Oakview school and new outer buildings with a septic tank installed. Play grounds are being improved. They are being placed in the Washington, Oakview and Logan schools, which will include swings, giant slides, and other equipment.

Graduate Business Course Plans for the opening next fall of a new graduate school of business have been approved by the university senate and council of New York university. The dean of the new school will be Professor Archibald Wellington Taylor, a present director of the Wall Street division of the School of Commerce, Accounts and Finance. The school will be housed in the new building acquired by the university at 90 Trinity place, the present location of the Wall Street division.

Superintendents at Atlantic City The department of superintendence of the National Education association will meet at Atlantic City February 28 to March 3, 1921, according to an announcement by Commissioner of Education C. N. Kendall of New Jersey, who is president of the department. The session will close at noon on March 3 in order to allow as many delegates as wish to do so to attend the inauguration ceremonies at Washington.

Ellison-White to Continue Work of Music Instruction

On September 20 the Ellison-White Conservatory of Music will open its doors for its third season. Everything points to a large attendance. The school now occupies quarters at 654 Everett street. During the last winter the work of this school has gained universal recognition. The corps of teachers has been carefully chosen with regard to teaching ability as well as to individual proficiency in their respective lines. David Campbell, head of the piano department, has succeeded Harold Hurlbut as director.

The school offers courses in voice, piano, violin, violoncello, theory and expression. The Dunning improved method of piano instruction for beginners has proved popular. In the theory work Miss Alchin's system of ear training and applied harmony, which has recently gained wide recognition, will be featured.

The joint summer session of the Ellison-White Conservatory and the School of Music of the University of Oregon is drawing to a close. The attendance has been large, and splendid recitals have been given throughout the six weeks' term. The master piano class conducted by Harold Henry has been the special feature.

School Service Is Planned to Aid Teachers in Work

Chicago, July 31.—A "Better School Service" intended to furnish expert information to teachers and teachers organizations throughout the United States, has been established by the American Federation of Teachers, Labor, W. T. McCoy is director of the new service and George W. Tanner, assistant director.

The first step of the new service has been to send out inquiry blanks on school conditions to superintendents and teachers throughout the country. The results of these inquiries will be scanned for suggestions as to campaigning for better schools, methods of preparing publicity material and other information helpful in the "Save the Schools" movement now going on all over the country.

The Better School Service is the outgrowth of a publicity campaign carried on during the past year by the Chicago High School Teachers' council. The service, it is announced, will not confine its service to teachers affiliated with the union labor, but will be available to all teachers' organizations.

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MOTION PICTURES ARE RECOGNIZED EDUCATIONAL AID

Educators Feel Need, However, of Censorship or Regulation That Will Protect Morals.

Madison, Wis., July 31.—Demand for national censorship of motion pictures and recommendation that the United States bureau of education at Washington be made a central agency for educational motion pictures, were features of the first annual conference of the National Academy of Visual Instruction. Forty-eight speakers from 20 states were on the program and there were 125 delegates in attendance.

Prominent educators who attended were: A. W. Abrahams, department of education, Albany, N. Y.; Mrs. Adie Woodard, president National Moving Picture League, New York; A. G. Balm, assistant superintendent of schools, Newark, N. J.; Elizabeth H. Bohn, Columbia university; G. I. Zehring, International committee, Y. M. C. A., New York; C. F. Bateholts, General Electric company, Schenectady, N. Y.; C. R. Footsaker, Commercial Museum, Philadelphia, Pa., and Ernest L. Crandall, department of visual instruction, New York.

The purpose of the academy is to establish and maintain an organization to further the production and use of more and better visual aids in instruction; to establish a clearing house of information, and to work out standards of method and practice.

EXHIBITS ON VIEW Exhibits from educational institutions, welfare organizations, and commercial organizations were on view. Prominent New York concerns represented were: Bray Pictures corporation, Educational Films Corporation of America, Moving Picture World, national committee for better films, Frizma Scientific Education corporation, Scientific Film corporation, Transatlantic Projection company.

At the conference banquet Governor E. L. Phillip discussed "censorship." "Pictures should be historically correct and sentimentally pure," he said. "We have reached the point where some attention must be given by those in authority to the character of the pictures to be shown to the youth of the state. The moving picture field must not be commercialized in any way to

wreck the lives of our young people. A national censorship would be the most practical kind, for it is difficult to confine it to the state. I am sure moving picture concerns would safely leave their interests to a national commission. Unless we do establish some system of censorship the wrath of the people will grow to a point where fathers and mothers will get together and close the movie shows." The members of the convention enthusiastically applauded the governor.

CLAXTON IS SPEAKER P. P. Claxton, United States commissioner of education, emphasized the possibility of curbing bad taste in pictures in the same way that the cheap literature of the early eighties was handled by putting the very best in a form to make it available to the many. Good taste in literature was attained by positive methods, he said, and the same is true of pictures. He urged that the very best motion pictures be put into the schools, since in that way interest in the cheaper kind would be removed.

"I wish that in the bureau of education at Washington there might be a central producing, collecting, multiplying and distributing agency for all these productions that are of the most value. By cooperation with university and other institutions we might gather the best things and assemble them where they would do the most good. This would entail a laboratory of printing and probably a committee of censorship to pass upon the material collected before it was sent out to the various distributing agencies in the States. In this way films could be put at the service of all the people in the United States."

Dr. Claxton urged that pressure be brought on the national government to provide sufficient funds to support such a plan. He received enthusiastic endorsement from the members of the convention.

Old Schools of One-Teacher Type Passing Rapidly

Twelve thousand consolidated schools in rural communities were reported by the United States bureau of education on June 18. It is estimated that this means the abandonment of approximately 50,000 one-teacher schools of the old type and the substitution of modern schools with grade and high school facilities and a more progressive type of education.

The three leading states in consolidation of rural schools are Indiana, Ohio and Iowa, according to R. P. Crawford of the Nebraska Farmer, who has made a special study of consolidation. In the 30 years from 1890 to 1920 Indiana abandoned 3990 one-room schools, or nearly half of the total number in the state 30 years ago—an average of four one-room schools going to the scrap pile for every one of the central buildings erected. Iowa had reached 415 consolidations on June 13.

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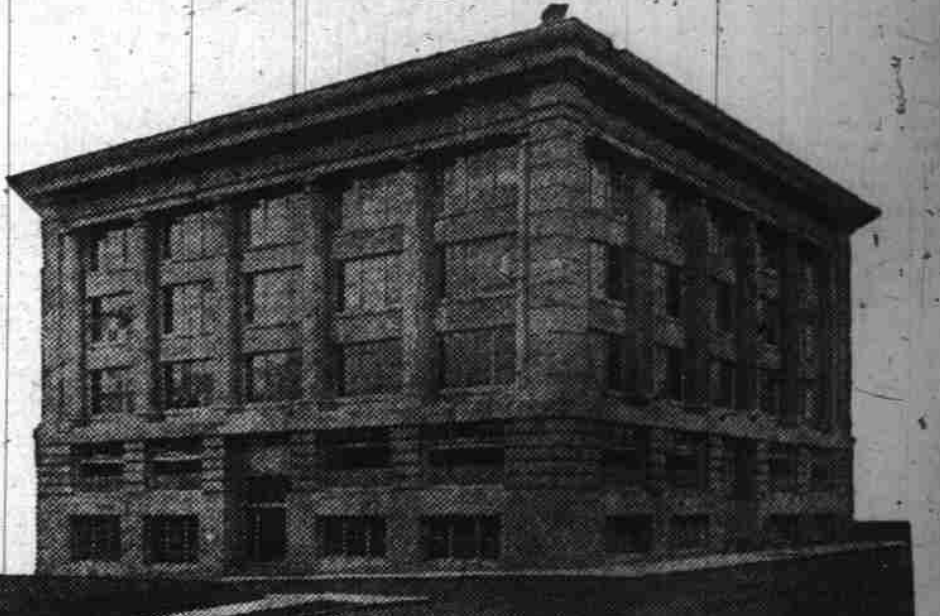
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