

UNIVERSITY WILL DEDICATE MUSIC HALL ON FRIDAY

Initial Performance to Be Repeated on the Next Night.

Dedication ceremonies for the University of North Carolina's new music hall, which has an auditorium seating 900 and a Reuter organ built by the celebrated European house of Cassivante at a cost of more than \$30,000, will be held the evenings of November 14 and 15, according to a program announced today by Professor Harold S. Dyer, head of the University department of music.

Edward Eigenschenk, well-known organ soloist of Chicago, will play the dedication concerts. The program will be given for the first time November 14 and will be repeated the next evening in order to accommodate all ticket holders. Because of the limited seating capacity of the auditorium only holders of tickets will be admitted. In addition to Mr. Eigenschenk's concerts, the University Glee Club, Band, Symphony Orchestra, and Oratorio Society will take part in the ceremonies.

The music hall is the building which formerly was the old University Library, and the auditorium is in a wing that has been added. There are administration offices, classrooms, studios, seminar and practice rooms.

Complete renovation was necessary to meet the needs of the University's rapidly growing department of music. Rooms have been made soundproof, the building has been re-decorated throughout and an entirely new and more beautiful entrance provided, with winding stairways leading to the balcony above.

The stage of the auditorium has been designed to seat a chorus of 300 and an orchestra of 60 pieces with ample space for pianos and organ console. Equipped with an electric elevator the organ console may be placed in any desired position.

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Carolina Club Hears Colonel Harrelson

Colonel J. W. Harrelson, director of the North Carolina Department of Conservation and Development, addressed the North Carolina Club last night at seven-thirty in Bingham hall on the subject, "The Land Resources of North Carolina." Officers for the current year were also elected.

Freshman Chapel

The regular Tuesday selection of freshmen chapel will not meet today on account of Dr. Henderson's scheduled Armistice Day address.

Dean Walker will meet the freshmen of the school of education Wednesday morning during chapel period in 201 Peabody.

Dean Carroll will meet the freshmen of the school of commerce in Bingham auditorium during chapel period Wednesday.

The schools of applied science and engineering will not hold meetings Wednesday.

The meeting place for the freshmen in the school of liberal arts will be announced later.

A.B. Seniors

All seniors in the College of Liberal Arts whose last name begins with A, B, C, or D, must report today to Dean Hobbs' office, 203 South between 9 A. M. and 5 P. M. to make application for a degree.

Di Will Consider Freedom of Speech

At the Di Senate meeting tonight in New West building at 7:00, three bills will be brought up for discussion. These are: Resolved: 1. That no college is justified in interfering with the right of free expression by its students. 2. That there is a necessity for a strong third party in the United States. 3. That campus political parties should conduct open campaigns, publishing lists of candidates and issues.

Bertrand Russell Criticizes Men

New York, Nov. 10.—Writing in the Parents' Magazine, Bertrand Russell British philosopher, declared that men are losing their paternal instinct.

In old times, Russell argued, men wanted children to protect them in their old age, to carry on their name and to possess them for their own sakes.

Now, he said, old people are protected by police, families move about from town to town and lose the urge to carry on their own line, and men are regarding marriage less seriously, so that the sense of possession is lacking.

Students To Meet At Mount Holyoke

Students and leaders of student relief and self-help representing twenty-five or more countries in both Europe and Asia will meet for the first time on American soil at Mount Holyoke College September 1, 1931 for an eight day conference, according to the plans announced by Marjorie Marston, chairman of the American Committee of International Student Service.

The plans for the reception of foreign representatives are already under way. A group will arrive in August to spend the month at various summer student camps and industrial study groups. The conference will include a presentation of American student life in all of its various phases, sports, music, drama, etc.

The American Committee of International Student Service which will arrange for the reception of delegates will be entirely separate from the National Council of Christian Associations this year. The Harmon Foundation has donated office space to the committee, which will be the location of the new head-quarters.

Projects in international student service cover student needs in China as well as those in parts of Europe this year, and will require a budget of more than \$59,000.00.

Gaston County Students

Greensboro, Nov. 10.—With the exception of Guilford, the home county, Gaston county provides the largest enrollment of the ninety-three counties in the state represented by the student body at North Carolina college. Gaston sends sixty-two students to the state institution for women.

NORTH CAROLINA SHOWS LITTLE POSSIBILITIES OF OIL AND GAS

Prouty Expresses Opinion As To Petroleum Deposits in the State, Giving Detailed Analysis.

By Dr. W. F. Prouty
(Professor of Stratigraphic Geology, University of North Carolina)

There has been so much speculation about the possibilities and probabilities of petroleum in North Carolina that I think it would be worth while to spend a few minutes considering the subject from a scientific standpoint:

It is now a well recognized fact that commercial quantities of oil and gas originate only from the buried remains of organisms, either plants or animals, but largely plants. Such organisms are preserved in large numbers and volume only in basins of sedimentation such as lakes, sounds, bays, and seas. It is also a well recognized fact that plants are vastly more important in the origin of petroleum and natural gas than are animals. Plants which are preserved in fresh water deposits change for the most part into the coal series (peat, lignite, bituminous coal, and so on). On the other hand plant and animal remains that are buried in sediments permeated by salt water, gradually decompose giving petroleum products.

Of the three different kinds of sediments: sandstone, shale (clay-stone), and limestone, only shale contains plant remains in any great amount. We, therefore, must come to the conclusion that of the various kinds of rocks in the earth only the limestones and the carbonaceous shales, which have been formed in association with salt or brackish water are capable of yielding commercial quantities of petroleum products.

All rocks in the earth are subjected to a certain amount of heat and pressure. This heat and pressure causes the natural

distillation of the petroleum products. The greater the heat and pressure and the longer the time of its application the greater the distillation and the higher the percentage of the original petroleum (kerogen) that is changed to lighter petroleum products and gas. In the older and metamorphic rocks there has been such high pressures and such great heat that all original petroleum has been cracked into gas and has escaped.

In petroliferous rocks where change (metamorphism) has been less intense, the naturally distilled oil and gas has been largely driven from the fine textured clay, shale or limestone and has accumulated in the pores of the adjacent rocks, from here it may migrate by gravity or movement of underground waters to natural domes or arches in the porous beds. These are usually in the sands or sandstones but may be in porous rock of any kind.

If we study the distribution of the rocks in North Carolina we shall see that the Piedmont and Mountain sections are almost completely made up either of igneous rock, which has no petroleum, or highly metamorphosed rocks which cannot now have petroleum products, if they ever had them, on account of the great heating and compression which they have undergone.

The portion of the state not included in the above classification is the Coastal Plain Arch and that of the Triassic Sediments in the Deep River, Dan River, and Wadesboro Areas. The Coastal Plain deposits form a veneer chiefly of sands, clays, and marls over the buried rocks of the Piedmont type. The Coastal Plain deposits are about 2000 feet thick at the coast and

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Tablets From Old Memorial Hall To Adorn Lobby of New Building

Atwood and Nash, University architects, have announced that the new Memorial hall will be completed some time in January. The building is of red brick trimmed with limestone; at the front of the new auditorium is a row of columns which support a limestone balcony.

The walls of the lobby will be ornamented with pilasters and with tablets taken from old memorial; the floor will probably be paved with marble blocks. The stair wells and the mezzanine lobby will contain the remainder of the tablets saved from the walls of the old auditorium; in addition, the side walls near the stage will be ornamented with the roll of the men from the University who died in the Civil War.

From the cornices of the ceiling will rise a large cove around which will be placed lights which will serve to illuminate the auditorium; however, one chandelier containing eighty lamps will be suspended from the center of the ceiling to augment the light from the indirect system of the cove lights. The ceiling will be made of acoustical plaster and will be fitted with four ornamental ventilating grills. The side walls will converge to a forty-foot wide proscenium.

The balcony will contain 600 seats every one of which will have a full view of the stage. The floor of the building will be made of some sound deadening material and will curved in every direction so as to form a bowl; the purpose of this design is to enable all of the 1200 seats to be placed so that each chair will command a view of the stage.

A booth for the projection of moving pictures, which has been wired for sound, will be at the rear of the auditorium. There will be a very large stage, forty feet wide and thirty feet high; the stage will be rectangular but will have rounded corners. An ornamental cornice will be placed around the edge of the proscenium and a plaster seal of the University will be put at the top. The windows of the building will be equipped with Phoenicians blinds. The entire building will soon be painted and the same color as South building. To leave the new hall as it stands would be to put it out of harmony with the group of buildings surrounding it. After new memorial is painted, it will carry out the motif of age which is shown by Gerrard hall, South building, Old and New East; and Old and New West.

Editorial Writers

The following members of the editorial board of the Daily Tar Heel are requested to report to the chairman of this board this afternoon at 1:45 in the office: J. C. Williams, Virginia Douglas, E. F. Yarbrough, and E. C. Daniel, Jr.

Capital Punishment On Phi Bill Tonight

The Phi Assembly will discuss the following bills tonight:

Resolved: That swimming should be added to the athletic program of the University of North Carolina.

Resolved: That capital punishment should be abolished in North Carolina.

Resolved: That the emergence of women from the home is a regrettable feature of modern life.

Freshmen Told Not To Worry Over Work

Dean F. F. Bradshaw spoke to the freshmen at chapel yesterday morning on the principle problem, as he saw it, facing those of the freshmen class that have had conferences by their own request with him recently.

The question of whether or not to make changes in their schedules which had proven discouraging according to Dean Bradshaw the perfectly normal question that always faces every freshmen class in the middle of the first quarter. He advised each man to discontinue worrying.

The Dean said that in his opinion the best time to recognize their mistakes was not in the middle of the quarter but at its end. At the present they ought to strive as best they might to make up any deficiency, never lay down on the job but continue fighting, and a satisfactory result must come of a necessity.

DEPRESSION HITS WORK STUDENTS

The once "cloistered" college is today getting experience of trade depression and unemployment at first hand. Many students accustomed to earning part of their expenses are up against a bleak outlook for the year owing to the sharp decline of jobs in the summer, and the drop in prospective part-time work now available.

Students have made their way into some businesses in droves. The department stores in New York City employ hundreds of college girls on Saturdays and at rush seasons as extra clerks. Theatres call for batches of college men as "supers." Post offices engage them as extra clerks at busy seasons. Libraries employ them regularly, and large companies use them as filling station attendants, extra factory hands, train conductors, and statisticians.

Although the earnings of students last year amounted to over \$26,000,000, the break-down of many industries in which students previously earned considerably, has placed a great hardship on many.

Mills To Be In Greensboro

Dr. R. C. Mills, of the commerce school, will speak to the students of the Greensboro College for Women Friday at the chapel hour. He is to talk on "Austrian University Life." Mills, who is a Carnegie exchange professor from Australia, has made several such addresses here.

DELEGATION FROM UNIVERSITIES TO CONVENE FRIDAY

Sessions of Association of Governing Boards Will Continue Over Week-end.

The University will be host to the Association of Governing Boards of state universities and allied institutions at its annual meeting Thursday, Friday, and Saturday of this week. R. M. Grumman is chairman for the local business.

Thursday morning the delegates will make a tour of inspection of Duke University, arriving in Chapel Hill at one o'clock for luncheon at the Carolina Inn. Following this the first business of the association will take place at the Inn. The Carolina Playmakers will present a guest performance for the association Thursday evening.

Regular sessions will take place Friday morning and afternoon. At the close of the afternoon session the visitors will be conducted on an inspection tour of the University plant. The University will be host to the Association at a complimentary dinner slated for 6:30. The delegates will then be invited to attend the dedication program of the new music building. An informal faculty smoker will be given at the Inn at nine o'clock.

Saturday morning marks the fourth and last session of the conference. Arrangements are being made so the delegates may attend the Duke-State game in Raleigh Saturday afternoon.

Members of the board of trustees of the University have been invited to attend the complimentary dinner. Leslie Weil of Goldsboro will represent the University at the association.

SCIENTISTS WILL HEAR HICKERSON AND W. C. COKER

The Elisha Mitchell Scientific Society will meet tonight at 7:30 in Phillips hall. This will be the 323rd meeting of the society.

The speakers of the meeting will be T. F. Hickerson, professor of Civil Engineering, and Dr. W. C. Coker, professor of Botany. Hickerson will speak on "Stress Analysis by Mechanical Methods," and Dr. Coker's subject will be "Some Interesting Early American Naturalists."

Murchison Writing New Economics Book

Dr. C. T. Murchison, professor of economics, is at work on a new book entitled *Business Cycles*. The manuscript is expected to be completed by January and to be published by March or April.

In this volume Murchison is attempting to work out the causes of business depressions such as the present. He is on leave from the University for the fall quarter in order to complete the work.

Business Meeting

There will be a meeting of the entire business staff of the Daily Tar Heel tonight at 9 o'clock in the business office. It is very important that every member of the staff be present. New men who wish to try out for the staff are asked to come out.

H. N. Patterson,
Business Mgr.