

INSTALLATION TO PHI BETA KAPPA SET FOR TONIGHT

Induction Ceremony to Be Informal; R. B. House, Executive Secretary, to Speak.

MEET IN STUDENT UNION

Robert B. House, University executive secretary, will speak tonight at 7:30 o'clock in room 214 Graham Memorial at an informal initiation of new men into the North Carolina Alpha chapter of Phi Beta Kappa, it was announced yesterday by John T. O'Neil, president of the local organization.

The whole program, according to O'Neil, will be of an informal nature. House has not as yet announced the subject for his address.

Names of the newly elected members to Phi Beta Kappa will not be made public until after the program tonight.

92.5 Average Necessary

A scholastic average of 92.5 must be obtained for eight quarters by students in order to be eligible for membership in the organization. Election to the society is one of the highest honors the campus offers students. The scholar who maintains the highest scholastic average for the eight quarters automatically becomes president of the group and the person with the second highest average becomes vice-president.

Officers for the past year have been John T. O'Neil of Henderson, president, who had a three-year scholastic average of 97.5, and Alexander B. Andrews, II, of Raleigh, vice-president.

WINSLOW URGES STUDENT SERVICE

Harper Barnes and R. B. House Speak at Y. M. C. A. Induction.

J. D. Winslow was installed last night as the new president of the University Y. M. C. A. at an induction ceremony in Gerrard hall.

Winslow, in his first official speech, declared his intention of seeing that all the efforts and means of the organization go towards the service of the student body and that the "Y" take a central place in activity.

Another aim which the new president set forth for his administration is the promotion of an annual student-faculty day for the purpose of improving relations between the members of the faculty and their students.

Acee Speaks

John Acee, retiring president, gave his personal charge to his successor and turned the office over to him in a short speech.

R. B. House, executive secretary of the University and a member of the board of directors of the Y. M. C. A., spoke on the organization's importance and also charged incoming officers to remember their duty to the campus.

Winslow asked Harper Barnes, retiring president of the student body, to make a short speech setting forth his own advice for the association. Complying with the request, Barnes suggested that the Y. M. C. A. put itself behind the honor system and the North Carolina Student federation.

STUDENTS LEAVE FOR SURVEY TRIP

Engineering Students Make Technical Inspection Tour.

Nine senior students of the school of engineering under the direction of Professor R. F. Stainback left this morning on a survey trip to New York City where they will visit points of technical interest. They will return to the campus next Sunday.

This group is composed of: J. C. Cordle, R. W. Foster, C. M. Garrison, F. M. Glover, E. W. Kerr, J. C. Little, W. L. Ridenhour, H. F. Stewart, and R. V. Frazier.

While in New York City they will inspect Radio City, the laboratories of the Bell Telephone company, Hudson Avenue station which has the largest generating units in the world, and the calculating boards of the Pennsylvania Railway. In Conowingo, Penn., they will visit the large hydro-electric plant.

The group is expecting to stop for a short time in Washington on the return trip.

ENGINEERS' DAY FEATURES TALKS

Four Speakers Make Addresses in Chemical Engineers' Day Program Here Yesterday.

Featuring talks by William A. Perry, R. C. Bardwell, Hugh S. Taylor, and Harry A. Curtis, the program of Chemical Engineers' Day opened here yesterday morning.

Dr. Curtis, of the Tennessee Valley authority, discussed "Coal as viewed by Modern Science" from the viewpoint of a geologist and chemist.

The next lecture of the day was delivered at 11:00 o'clock by William A. Perry of the R. J. Reynolds Tobacco company. Perry, an alumnus of the University class of '30, spoke on "The Manufacturing of Cellophane and Its Use in Tobacco and Food Industries."

The next speech was delivered by R. C. Bardwell, superintendent of water supply for the Chesapeake and Ohio railroad on "Railroad Water Softening." Bardwell stated that few people realize the relation between railroads and water. "Railroads use more water," he stated, "than all other materials combined."

Railroads and Water

The quality of the water has a great influence on the economical operation of the railroad, for if the water is not soft it causes a great added cost in the operation of railroads, according to Bardwell. The total cost of water on American railroads is around 50 million dollars a year, and the total consumption of water is around 500 billion gallons, 350 billion of which is used for steam purposes. About 40 per cent of the water now used for steam is treated to remove scaling and various other matter, and about 90 per cent of the rest of the water could be treated to advantage.

A seminar on the subject, "Recent Developments in the Study of Reactions on the Surface," led by Professor Hugh S. Taylor, chairman of the department of chemistry at Princeton University, was held at 4:00 o'clock under the auspices of Sigma Xi, honorary science fraternity. Professor Taylor is the annual speaker for Sigma Xi.

SOCIAL WORKERS TO END MEETING

University Faculty Members Appear on Final Program of Social Service Conference.

Today's session will mark the close of the twenty-second annual convention of the North Carolina conference for social service which has been going on in Raleigh since Sunday.

Several representatives of the University will appear on the program. Dr. H. D. Wolf will give a committee report on "Industry and Urban Life;" Dr. S. H. Hobbs will report on "Agriculture and Rural Life;" Dr. Harry W. Crane will report on "Mental Hygiene." All of the problems deal with the child, the general topic of the conference. Dr. Roy M. Brown will speak on "New Phases of the National Recovery Administration."

Business Session

After a luncheon in the Sir Walter hotel the delegates will again assemble, this time for a business session with Dean Justin Miller of the Duke law school presiding. At this time resolutions will be considered, a new constitution will be proposed for adoption, and officers for the coming year will be elected.

At the meeting of the superintendents of public welfare Dr. Wiley B. Sanders of the University school of public administration spoke on "Co-ordination of Efforts of State and Federal Agencies with Respect to Juvenile Delinquency." At the meeting of public health nurses Dr. Harry Crane of the department of psychology spoke on "Mental Health Problems of Interest to Public Health Nurses."

At 2:00 o'clock a general session was held at which reports were given by Dr. W. C. Jackson, dean of the University school of public administration, and Dr. Harold D. Meyer of the department of sociology.

PHI WILL DISCUSS SALARY INCREASES

Four Other Questions Will Be Debated Tonight Also.

The Philanthropic assembly will meet tonight at 7:15 o'clock in New East.

The following bills will be discussed: Resolved, that the salaries of self-help students working in the library, book exchange, and other University buildings be increased; Resolved, that a committee be appointed to investigate the acoustics in Memorial hall; Resolved, that new locks be installed in the dormitories; Resolved, that the faculty members on the Student Entertainment committee be appointed for two-year terms rather than be permanent; and Resolved, that the Phi assembly approve the recent changes in the University curriculum.

Editorial Meeting

The editorial board of the DAILY TAR HEEL will meet this afternoon at 2:15 o'clock in the Graham Memorial office. Attendance by all members will be required.

Feature Board

There will be a meeting of the DAILY TAR HEEL feature board at 2:00 o'clock this afternoon in Graham Memorial. Attendance of members is required.

SCHOOL LIBRARIES GRANTED \$12,500

University and Duke Libraries Receive Fund to Duplicate Catalogs of Books.

A grant of \$12,500 has been made to the libraries of the University and Duke University by the National General Education board in order that these libraries may duplicate their catalogs. A catalog of the University library will be placed in the library at Duke and a Duke University catalog will be brought to the library here.

The duplication of catalogs is expected to have several important uses. It will save time and expense in telephoning or writing in regard to inter-library loans and will be useful to professors, students, and visiting scholars who want to know what is available in each library.

It will also aid the two libraries in avoiding duplication of expensive and specialized material and books. It will be used for such work as the completing of bibliographies.

Libraries Cooperate

The two libraries have been co-operating whenever possible and the full resources of each university have been made completely available to the faculty and students of the other. Hundreds of volumes are borrowed back and forth annually through inter-library loans, exclusive of many volumes used and borrowed by individuals.

The rapid growth of these two libraries in recent years has given them combined resources of nearly 700,000 volumes. They are the two largest libraries south of the Potomac and east of the Mississippi. Situated only 12 miles apart, they together constitute the book center of the south, a position which they are fast strengthening. The duplication of catalogs will be a valuable aid in helping the two libraries co-ordinate their resources.

DI TO INAUGURATE NEW FLOOR PLAN

Entire Group Will Be Divided To Take Sides on Questions.

A new type of floor organization will be inaugurated in the Di senate at its meeting tonight at 7:15 o'clock in the senate chamber in New East.

Business will be disposed of rapidly at the beginning of the session, and floor leaders will be chosen. The senate will be divided into two distinctly differing groups. Those who have no definite feelings on the subject under discussion will sit in a section between the rival camps and act as referees of a sort.

The following bills will be before the society for discussion: Resolved, that the Tugwell-Copeland food and drug bill should be made a law of the United States; Resolved, that the Di senate go on record as favoring a widespread "youth movement" in the United States. The bills will be discussed in the order given.

LAWYERS TO VOTE

Balloting will take place today in Manning hall during chapel period for the five officers of the Law association. The positions to be filled are: president, vice-president, secretary, treasurer, and Student council representative.

TAYLOR TO SPEAK ON 'HEAVY WATER'

Princeton Professor Is Brought Here by Sigma Xi.

Professor Hugh S. Taylor, chairman of the department of chemistry of Princeton University, will deliver an illustrated lecture sponsored by the University chapter of Sigma Xi, tonight in 206 Phillips hall at 8:00 o'clock on the general subject of heavy water.

The North Carolina chapter of the society was founded at the University in 1920, and every year it brings a lecturer here to discuss a scientific topic. The speaker last year was Dr. Charles R. Stockand and the Cornell medical college who spoke on the subject "Genetics."

Professor Taylor, an authority on heavy hydrogen, led a public seminar yesterday on the subject, "Recent Developments in the Study of Reactions at Surfaces." He is a member of many learned societies and has made an especial study of the topic that he is lecturing on.

OFFICIAL UPHOLDS NEW LEGISLATION

John Dickinson, Assistant Secretary of Commerce, Reviews Situation in Talk Here.

"The new legislation has been propelled as much from the facts of what has happened as from the ideals that are before us," stated Hon. John Dickinson, assistant secretary of commerce and member of the brain trust, in addressing a meeting in Bingham hall on the subject of this new legislation.

"Brain-Truster" Dickinson told of the decade prior to 1929 when we were lulled "into that state of passivity when we came to the view that the only thing government should do was to let things alone." He then told of the jolt of 1929, "when it seemed that the great clock of the universe had run down." He then mentioned that the new legislation was put through in order to remedy that situation, and that it is not a question whether this legislation is right in abstract theory but whether it works, and that it has worked, in that it has started things going again.

1929-33 Cycle

He mentioned the vicious cycle of 1929-33 when everything was working to lower conditions. He then stated that the difference between this and other depressions is that in other depressions we have had a chance for expansion in the field of foreign trade, but that in this depression we seemed to be confronted by a political situation in foreign affairs which closed off foreign trade to us. He said that he believed that we could not return to our former state of prosperity without a revival of our foreign trade and that the administration is trying to do this by the reciprocal tariff act. This act will be successful, he said.

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Dance for Navy

Officers of the Order of the Grail, the Woman's association, and the University club will meet this morning in the Y. M. C. A. at 10:30 o'clock to discuss plans for the Navy dance to be given this weekend. All officers are urged to be present.

UNIVERSITY CLUB CONTINUES PLANS FOR NAVY TEAM

Program to Include Free Movie, Dance, and Other Forms Of Entertainment.

MEETING DAY IS CHANGED

Plans for the entertainment of the Navy track team were further advanced last night at the weekly meeting of the University club. The program for the week-end's Middle welcome will include a free movie, a dance, and other forms of entertainment.

Standing committees and special groups for various functions were appointed by the president. Frank Willingham was made chairman of the executive committee, which was composed of: Francis Fairley, Jack Lowe, Jake Snyder, Roy Wilder, and Willingham.

Sponsor Survey

A survey sponsored by the club for the alumni office will be distributed today among campus students. The survey purports to ascertain the average approximate costs to students for a school year at the University.

The club voted to change the meeting time temporarily to Monday nights, the former date being Thursday evenings. The hour will be 7:15 o'clock.

Plans were also made for welcoming the Virginia baseball team which will be here this week-end. A committee composed of: Jake Snyder, P. C. Hutchinson, Bill Fletcher, Bill Florence, and Al McAnnally

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CURTIS STRESSES TVA COOPERATION

Engineer's Talk Concludes Session; Advises Co-ordination Of Agriculture, Industry.

Stating that the chief purpose of the Tennessee Valley Authority was to co-ordinate agriculture and industry for the best interests of the people in the section, Dr. H. A. Curtis, chief chemical engineer of the Tennessee project, concluded yesterday's session of Engineers' Day with an address last night in Gerrard hall.

"It is the hope of the officials of the Tennessee Valley plan that in the river valley, where there is a large rural population and an excess of labor, there might be worked out a combination and co-ordination of agriculture and industry to increase the security of the people and their work," said Curtis.

Specific Projects

Speaking of the specific projects themselves, the chemist stated, "Officials are convinced that electric power should be made abundant and cheap as water."

"The Tennessee Valley Authority must be developed as a whole rather than piecemeal by individual capital," Curtis pointed out.

"In the Tennessee plan we hope to increase industry but to control it so as to avoid evils which generally attend this type of society."

Curtis told of the interest of officials and directors of the project had in their work and pointed out studies which were being conducted in connection with the program.