

MILLIKAN OFFERS EXPLANATION OF LIGHT THEORIES

Nobel Prize Winner Will Conclude McNair Series of Lectures Tonight.

How the opposing views now held by proponents of the conflicting wave and corpuscular theories of light may be reconciled was indicated here last night by Dr. Robert A. Millikan, famous physicist and Nobel prize winner, of the California Institute of Technology, in the course of the second of three McNair lectures at the University on the mutual relation of science and religion.

In his final lecture tonight Dr. Millikan will show the effect of changing ideas on social conduct and religious thinking.

Referring to the conflicting views held by the wave and corpuscular theories, Dr. Millikan said last night:

"The only way I can see out of the contradiction is to assume that all microscopic or elementary processes, whether they are processes of matter physics or aether physics are discrete article processes, the four types of units involved being elementary units of electrical charge, elementary units of mass, elementary units of radiant energy, and elementary units of action called Planck's units.

"Only when large numbers of these units are involved do we get over into the field of continuous processes of which waves constitute one of the best of examples," Dr. Millikan explained.

"In other words, all apparently continuous phenomena represent statistical or mean behaviors of elementary particles, in precisely the same way as the temperature of a mass is the mean kinetic energy of its particles, which obviously does not imply that every individual

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HICKMAN TO GIVE BACCALAUREATE SERMON OF YEAR

Final Address of This Year Will Be Made by Professor From Duke.

The baccalaureate sermon for this year will be delivered by Dr. Franklin S. Hickman of the Duke school of Religion, R. B. House announced yesterday.

Dr. Hickman is an authority on the psychology of religion. He has been professor of psychology of religion at Duke since 1927. He published a book on this field, *Introduction to the Psychology of Religion*, in 1926.

Dr. Hickman is a member of many honorary fraternities, including the Phi Beta Kappa, Delta Sigma Rho, Phi Delta Kappa, and Omicron Delta Kappa. He is a native of Indiana, receiving his A. B. degree from De Pauw and his Ph. D. from Northwestern. He is a Methodist Episcopal minister, and has been pastor at various towns in Indiana.

Hickman was an instructor in the New Testament at the Chicago Training School from 1921 to 1925, and was instructor in religious education at Hamline University the next year. During 1926, Dr. Hickman was pastor of the First Methodist Episcopal church in Minneapolis.

The subject of his lecture has not been announced yet.

JONAS AND PRICE WILL DEBATE ON POLITICAL ISSUES

University Graduates Will Discuss Problems of Campaigns.

What is expected to be one of the most interesting and heated debates ever to be held at the University is that in which Charles Price of Salisbury and C. H. Jonas of Lincolnton will meet at a near date to debate the issues of the coming state and national campaign. Both the local Republican and Democratic clubs are in favor of the event, and according to John Wilkinson, president of the campus Republican club, the only thing lacking is the date. Both men are recent graduates of the University and will be remembered here for their political activities.

Jonas, a Republican, is a former president of the Carolina student body. He was also captain of the track team and intercollegiate debater. At present he is engaged in law practice with his father and is being mentioned for senatorial post.

Price was a campus political leader at the University and at present is a prominent Democratic leader in local and state politics.

CONCERT BAND TO PRESENT OPENING PROGRAM SUNDAY

Varied Bill Will Present Several Soloists and Instrumental Combinations.

The University concert band under the direction of Professor T. Smith McCorkle will play its annual formal spring concert Sunday afternoon in Hill music hall at 4:00 o'clock. This program, which ranges from the classics to the moderns, will be assisted by several soloists and instrumental combinations. The soloists are as follows: Miss Helen King Eubanks, soprano, pupil of Professor H. S. Dyer; Thor Martin Johnson, violin, pupil of Professor McCorkle; and Brooks Fryer, piano, pupil of Professor Nelson O. Kennedy, who will assist in one of the quintet numbers.

The program: *Prelude from Suite Ancienne* by Henry Hadley; Band, *Atlantis Suite*, by Safranek; Band, *Quintet for woodwind and piano* by Beethoven; Brooks Fryer, piano; Herbert Hazleman, oboe; Claude Sawyer, clarinet; Paul Schallert, horn; and Walter King, bassoon; *Quintet for woodwind, Danse Humoresque*, by Hunter; Lawrence Ross, flute; Herbert Hazleman, oboe; Claude Sawyer, clarinet; Paul Schallert, horn; and Walter King, bassoon. Soprano solos, *The Day's Begun* by Edwards; *Lied*, by Cesar Franck; and *The Living God*, by O'Hara, Miss Helen King Eubanks. Violin, *Romance and Rondo*, by Wieniawski; Thor Martin Johnson, with Miss Virginia Buckles at the piano, *Serenade Roccoco*, by Meyer-Helmund; Band, *Concert Waltz*, by Jensen; Band, *March of the Dwarfs*, by Grieg; Band, and *Fifth Symphony*, second movement, by Tschalkowsky; Band.

Society Meeting

The first meeting of the Christian Science Society will be held Sunday morning at 11:00 o'clock in room 210 Graham Memorial. Plans for organization will be discussed. The public is cordially invited.

Golden Fleece Taps Its Men On Basis Of Their Character

Local Honorary Society Is Second Oldest Collegiate Honorary Society in United States; Founded for Advancement of Efficiency, Fair Play, Altruism, and Loyalty.

For the thirtieth time the black-robed figures of Golden Fleece will parade among the student body assembled in Memorial hall to select whom they consider the most distinguished University students. The order was founded in 1903 to assist in welding the University into a homogeneous, idealistic body. The advancement of efficiency, fair play, altruism, and loyalty formed the cornerstone of its program.

Members are tapped on the basis of character and service and their executive and cooperative abilities as manifested through their campus activities. It usually has been the custom to admit rising seniors, but each year a few seniors and graduate students are tapped. Golden Fleece is the second oldest collegiate honorary society in the United States, the order of Skull and Bones having been founded earlier at Yale. Since its organization, 256 members have been admitted to what is conceded as the highest honor that can come to a University man.

It is a splendid testimonial to the ideals of Golden Fleece that a large number of its members have become public figures of a high calibre. It might well be ventured that not a single tapping has failed to produce at least one man of whose public service and character the state, the University, and the Fleece itself has not been proud.

Early Members

Charter honorary members of the organization include Professor Horace Williams, the late President E. K. Graham, and the late Eben Alexander, long a professor of Greek at the University. Three of the earliest members were Hatcher Hughes, '03, author of the Pulitzer prize play for 1923, Judge N. A. Townsend of Dunn, N. C., and Walter P. Stacy, Chief Justice of the State Supreme Court. The selections in 1908 for the class of 1909 were perhaps the most distinguished ever made by the Fleece. Out of that tapping have come President Frank Porter Graham, Kemp D. Battle, and Francis E. Winslow, law partners in Rocky Mount, Charles W. Tillett, prominent Charlotte attorney who delivered the principle address at the Graham Memorial dedication.

A striking point about the Golden Fleece membership is that it has produced leaders in many diverse fields. A wide area of public service is covered by such men as Joseph L. Chambers, Greensboro journalist, Thomas Wolfe, author of *Look Homeward, Angel*, Edwin E. Rives, jurist, of Greensboro, and

Kay Kyser, well-known orchestra leader.

Impressive Ceremony

The tapping ceremony of the order is one of the most impressive scenes afforded by the University. An outstanding figure in literature, politics, business, or religion delivers an address on the general subject of "Character," the *motif* of the organization. At his conclusion, two black-robed figures, wearing fleeces about their shoulders, enter the auditorium and solemnly parade the aisle. After designating the neophytes, the robed figures swiftly tap them, and the Jason announces the entire list. Following these exercises, a banquet is tendered the newly selected members. The formal initiation is secretly administered one week later.

The organization of the Fleece is similar to that of any other campus club, except that the symbolism of the Greek myth is carried over into the names of the officers. The president is known as Jason and the vice-president, vice-Jason. The first man tapped is not necessarily the Jason. All officers are elected by the active members, known as Argonauts. Gromodius is the name given to the secretary, while the treasurer is styled Christopher.

Meetings Are Secret

From fifteen to twenty meetings are held yearly, all of which are secret. Until this year all activities of Golden Fleece save the tapplings were withheld from the public. However, the order now feels that it can be more effective and influential by working openly on occasions which justify a formal public statement. Two representatives of each year's group of Argonauts are held over as active members of the succeeding body.

Physical punishment and horseplay have been banned by the order as contrary to its purposes.

A tangible worth to the University of the order is the large number of Golden Fleece men who have become members of the faculty. These include: Charles T. Woollen, Francis F. Bradshaw, Robert B. House, Joseph B. Linker, the late Jefferson C. Bynum, Ernest L. Mackie, C. P. Spruill, Herman G. Baity, and Phillips Russell. W. T. Couch of the University press, and J. Maryon Saunders, alumni secretary, are also members.

The tapping for this year will take place at 8:30, April 27, in Memorial hall. Henry L. Stevens of Warsaw, commander of the American Legion will be the speaker of the evening.

KAPPA ALPHA AND THETA CHI PLAN WEEK-END DANCES

Grail Dance Tomorrow Night Will Be In Honor of New Members.

The final Grail dance of the year will be given Saturday night in Bynum gymnasium, climaxing a week-end of social activity in which two dances on Friday and Saturday will be given by Theta Chi and Kappa Alpha fraternities, in conjunction.

The first dance will be given in Bynum gymnasium, from 9:00 o'clock to 1:00 o'clock, on Friday night, by Theta Chi and Kappa Alpha. This dance will be followed by a second, on Saturday, from 6:00 to 8:00 o'clock at the Carolina Inn. Both fraternities will entertain a large number of guests at house parties over the week-end.

The Grail dance, on Saturday, April 23, will be given in honor of new members of the organization. After much discussion of the question, an amendment was made by the Grail, so that freshmen will be admitted to the last Grail dance of the year.

Music for all three dances, will be furnished by Jack Baxter and his orchestra.

DR. I. H. MANNING CHOSEN HEAD OF MEDICAL SOCIETY

Medical School Dean Is Named President-Elect at Meeting Of State Organization.

At the session of the North Carolina Medical Society in Winston - Salem Wednesday night, Dr. I. H. Manning, dean of the medical school, was named president-elect. It is customary for the society to elect its president one year in advance, and Dr. J. B. Wright of Raleigh, who was named president-elect at the last convention, was installed as president Wednesday night for next year.

Other officers chosen were Drs. J. R. McCracken, Waynesville, first vice-president; W. J. Suiter, Weldon, second vice-president; and Verne S. Caviness, Raleigh, chairman of the convention arrangements committee. The convention voted to meet in Raleigh next year.

Dr. James M. Parrott, state health officer, speaking to the society Wednesday, stated that North Carolina today is healthier than it ever has been before.

"It has the lowest death rate, with the possible exception of one state, of all the states east of the Mississippi. The provisional rate from all causes exclusive of stillbirth in 1931 was 10.3, and from all causes exclusive of stillbirths, homicides, and accidents, over which public health has no control, was 9.8."

From 1914 to 1931 tuberculosis deaths in the state decreased from 4,471 to 2,648, Dr. Parrott said. Had the 1914 death rate from this disease prevailed in 1931, the tuberculosis toll for last year would have been 6,144.

Speaker Accepts

Henry L. Stevens, national commander of the American Legion, has definitely been secured as speaker for the annual tapping ceremony of the Order of the Golden Fleece. The tapping is planned for April 27, in Memorial hall.

DR. POTEAT WILL DELIVER ADDRESS AT Y CONVENTION

Incoming Heads of Y Associations to Meet Here Today In Training Conference.

The training conference for student Y. M. C. A. and Y. W. C. A. officers will open this afternoon with a registration period for the incoming executives in the "Y" building at 4:00 o'clock. The conference will be composed of both last year's officers, and those newly elected, of organizations of the colleges and universities all over the state.

Greetings will be extended by F. M. "Pardner" James, outgoing president of the University "Y", at 7:00 p. m. in the Dialectic senate hall. Following the opening speech, the main address of the evening will be delivered by Dr. McNeil Poteat of Raleigh. His topic will be, "Social Implications of the Gospel." At the conclusion of his talk, the whole body will adjourn to Memorial hall to hear Dr. Robert Millikan.

Activities of the conference will extend through Saturday and will terminate Sunday morning. The program includes a number of discussion groups, election of officers, and inspirational talks. Exhibitions of pictures and literature concerning "Y" work will be shown throughout the duration of the conference.

Visiting women are to be entertained by residents of Chapel Hill. Men will be accommodated in the dormitories and at various fraternity houses.

Members of the committee are as follows: Mrs. Hazen Smith, Duke; E. W. King, State College; Rawlins Coffman, Duke; F. M. James, U. N. C.; Elizabeth Smith, N. Y. C.; H. F. Comer, U. N. C.; Frances Mitchell, G. C.; and M. L. Sheperd, State College.

ORDER OF GRAIL INDUCTS THIRTEEN INTO MEMBERSHIP

Professors H. H. Williams and W. S. Bernard Will Speak At Banquet Tonight.

Thirteen men, both non-fraternity and fraternity, selected from the sophomore and junior classes, were inducted last night into the Order of the Grail, University honor society. The Grail attempts to bring about closer relations between different campus groups by selecting each spring thirteen outstanding men as best representative of fraternity and non-fraternity. To be chosen by the Grail is considered the highest honor that can come to a sophomore.

The following were initiated last night: Robert W. Barnett, Shanghai, China; Claiborn M. Carr, Woodmere, New York; Walter R. Groover, Savannah, Georgia; David D. McCachren, Charlotte; William W. McKee, Chapel Hill; R. D. McMillan, Jr., Red Springs; William Thomas Minor, Pittsburgh, Pa.; Haywood Moore, Wilmington; Thomas G. Nisbet, Charlotte; Robert A. Reid, Pottsville, Pa.; Cabell Philpott, Lexington; Virgil S. Weathers, Shelby; and Lenoir C. Wright, Charlotte.

The Order will conduct a banquet in Graham Memorial at 6:30 o'clock tonight, at which

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Special Articles

in
THE DAILY TAR HEEL

SUNDAY, APRIL 24, 1932

will be

Germany Today

especially contributed by Benno Mascher

The State of the Classics at the University
a study of the changing attitude toward Latin and Greek

And Other Features