

WEATHER
Cloudy. Expected high in upper 60's.

The Daily Tar Heel

EDITORIAL
The editor made an error. See page 2.

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Complete in Wire Service

CHAPEL HILL, NORTH CAROLINA, SATURDAY, NOVEMBER 1, 1958

Offices in Graham Memorial

FOUR PAGES THIS ISSUE

Over 16 Million Dollars Asked By Board For Capital Improvements At Chapel Hill

FROM ASSOCIATED PRESS WIRE REPORTS

RALEIGH—More than 16 million dollars was recommended yesterday for construction and improvement at the University at Chapel Hill.

A total of \$16,847,399 was asked for use on the following projects.

For 1959-61 — Reconstructions, renovations and minor additions, \$1,262,000 (Includes work on physics building,

chemistry labs in Venable Hall, Saunders Hall, Caldwell Hall, Murphy Hall, Phillips Hall. Major Additions, \$500,000 to Swain Hall; \$433,836 to Hill Hall. New Construction, \$1,063,000 Geology and Geography Building; \$1,470,000 Botany; \$876,000 Foreign Language Building; \$2,033,000 student centers; \$2,100,000 dorms for 700 students. (Grand total for 1959-61 is \$9,749,836.)

For 1961-69 — Reconstructions, renovations and minor additions, \$1,436,563 (Includes work on Playmakers Theatre, Bynum Hall, New East, front section of Davis Hall, L. R. Wilson Library, Alumni Hall). New construction, \$1,000,000 undergraduate library building; \$3,900,000 dorm for 1,300 new students; \$481,000 cafeteria; \$290,000 maintenance shop and storeroom. (Grand total for 1961-69 is \$7,107,563.)

The board also recommended the pro-rating of dormitories at the rate of \$3,000. Previous spending for housing at Carolina has been rated at \$2,500 per occupant.

Total Capital Improvements Add Up To \$90 Million

RALEIGH (AP)—Capital improvements totaling nearly 90 million dollars were recommended yesterday by the State Board of Higher Education to meet the minimum needs of state-supported colleges during the 1959-69 decade.

The Board has recommended that the improvements be financed by a bond issue to be voted on by the people. This would have to be approved by the Advisory Budget Commission and the 1959 Legislature.

In discussing the recommendations, Dr. J. Harris Purks, Director of Higher Education, said the board was not suggesting the amount of the proposed bond issue but that it was acting on the assumption that a bond issue for the capital improvements program at the education institutions is inevitable.

72,000 Enrollment Expected

Projected figures show that a minimum enrollment of 72,000 is expected in public and private colleges in the state in 1961-70, the board said in its recommendations to the budget commission. This compares with an enrollment of 56,000 last school year.

The board recommended capital improvements totaling \$89,819,369. Of this, \$36,626,206 is requested for the next biennium, 1959-61. The remaining \$53,293,063 would be spread over the remaining eight years.

The overall expenditures could be cut by \$11,625,000, the board said, "if dormitories are one-half self-liquidated."

New construction during the 10-year period would amount to \$56,149,500. Broken down, it includes: \$23,850,000 for dormitories, \$22,383,500 for teaching and educational facilities, \$4,651,500 for student centers, and \$5,264,500 for other new construction.

State Gets Biggest Chunk

A total of \$47,443,399 would go to the Consolidated University of North Carolina, with the biggest chunk, \$18,164,600, to North Carolina State College. A total of \$16,847,399 would go to the University at Chapel Hill, \$6,106,000 to the Division of Health Affairs, \$4,451,000 to Woman's College, and \$1,874,300 to the Agricultural Experiment Station.

The board recommended that improvements at community colleges during the decade: Asheville-Biltmore College, \$1,125,000; Charlotte Community College System, \$3,325,000; Wilmington College, \$1,050,000 and 3½ million for new community colleges and agricultural technical institutes.



DR. HENRY HITT CRANE
Carolina Forum feature

'Deadly Delusions Damn Us' - Crane

By CHUCK FLINNER
"We are victimized by delusions," said Henry Hitt Crane last night in the first Carolina Forum presentation.

Policy Committee, offered three alternatives. The first one embodied the possibility of reverting to a suburban situation that could be brought about by a nuclear war. In such a condition, he said, men would not prove who was right or wrong, but who was left. World War III, if nuclear weapons would be used, would revert man to a savage state.

East African Administrator Visits Campus

The registrar of an East African college is visiting Carolina as a part of a tour of the United States and Canada.

Paul Vowles, registrar of Makerene College, the University College of East Africa, Kampala, Uganda, is making the tour to learn the general picture of the different kinds of university governments and organization, student residential life and systems of runnings halls of residence.

Vowles is also acquainting himself with centers of African studies and persons engaged in research on African problems.

He is making the three-month tour under a grant from the Carnegie Foundation of New York. After attending the Congress of the Association of Universities of the British Commonwealth in Montreal, he will study higher education and university administration.

Beauty Editors' Problem: Selecting Queen & Court

Yack beauty editors, Don Millen and Harlette Dwell, are lacking this year a beauty queen and her court. To solve this problem the Yack is holding its annual contest to determine who will be the Yack Queen and the members of the court.

The winner will be crowned by Diana Johnson, last year's queen, Tuesday, Nov. 11 at 7 p.m. in Memorial Hall.

Each organization on campus is allowed to enter six contestants. There is an entry fee of \$6 and the

G. M. SLATE
Activities for Graham Memorial today include:
Political Science, 10-11 a.m., Woodhouse Conference Room;
Free Billiards, 8-12 p.m., Pool Room; Free Dancing, 8-12 p.m., Rendezvous Room.

Grant Of Gigantic Brain Is Officially Announced

By CHUCK FLINNER

The grant of a Univac 1105 Data Automation System to the University of North Carolina was formally announced yesterday at a luncheon in the Morehead Planetarium.

Governor Luther H. Hodges and William C. Friday, president of the Consolidated University, hosted officials from the U. S. Bureau of Census, the National Science Foundation and Remington-Rand in the announcement luncheon.

Some of the uses and possibilities of the computer system which is of the largest and most versatile design were explained. After the invocation by Robert B. House, chancellor emeritus of UNC and greetings given by Gov. Hodges, Robert B. Brode, associate director of the National Science Foundation, Robert W. Burgess, director of the Bureau of Census and Howard T. Egnstrom, vice president of Remington Rand, remarked on their positions in regard to the new computer system.

The National Science Foundation granted a half-million dollars to UNC for the purchase of the Univac 1105. This grant was the first in a series planned by the foundation to assist in the establishment of computer centers in distributed regional areas throughout the nation. The foundation grant is designed to permit the use of the computer center in fields of basic research.

The Sperry Rand Corporation will contribute half of the cost of the machine and the Census Bureau has contracted for computer time for the purpose of computing the 1960 census and other evaluations in peak census periods. The state of North Carolina will support and maintain the operation.

The Bureau of Census will utilize the computing systems of The Univac 1105's of UNC and the Illinois Institute of Technology along with the systems already in use by the Census Bureau. Two-thirds of the productive time will be made available to the bureau during the period of peak work load.

In addition to the proposed uses of the computer system the Office of Civil and Defense Mobilization "is glad to see UNC become equipped to assist" in the event of a national emergency. Burke Horton of the Office of Civil and Defense Mobilization pointed out that the computer and its staff may "help to save our civilization," in the event of a nuclear attack.

Computers as the 1105 can be utilized to pinpoint precise locations of factories, rail yards, bridges, population and air fields, he said. Following an attack the computer could assist in planning survival and controlling resources.

The UNC system will serve chiefly for general research. The computer laboratory at Chapel Hill will service the needs of the North Carolina

olina research center which includes Wake Forest College, North Carolina State College and Duke University, as well as UNC.

The applications of the Univac 1105 in the field of business include: sales analysis, production control, labor distribution, cost control, payroll, budgets, billing, purchasing, banking operations, inventory control and others.

The scientific applications include: pilot plant operations, processes such as blending liquids, de-

signs for components and complete machines and utilizing equations in engineering and research.

Other uses range from predicting weather to translating languages. The binary system utilized by the 1105 involves the use of only two numbers, one and zero. In the case of a language a word is given a number or a series of numbers and is stored in the memory. The Univac, "vocabulary" is approximately 41,000 words. Similar systems have been used in predicting

the outcome of elections long before the results are tabulated.

Members of the faculty of UNC who have already had training at computer centers are Prof. Daniel O. Price, director of the Institute for Research in Social Science, and Prof. Rasha Fein of the School of Business Administration. Price studied programming and other operations at M. I. T. and Fein worked with computer experts at the University of Pennsylvania and the Bureau of Census.



GENIUS AT WORK—This photograph shows a portion of the Univac 1105 Data Automation System. It is identical to the model to be installed at Chapel Hill.

Yack Policy And Jury System Bills Spur Long Debate In Legislature

By STAN FISHER

Bills proposing a definite policy in publishing the Yackety Yack and a revision in the present system of selecting Honor Council jurors met strong opposition in Student Legislature Thursday night.

The bill to establish a definite policy in student government publication of the Yackety Yack (John Brooks, SP) came before the body with revised articles, but was sent back into committee pending more complete investigation of its financial implications.

A bill proposing changes in the present system of selecting jurors for the Honor Council (Gary Greer, SP) met stiff debate as it came before the legislators after a two-week stay in the Ways and Means Committee. Debate was continued on this bill until next week.

John Brooks in his address to the group in behalf of his bill concerning the Yackety Yack pointed out that some organizations did not get into the Yack under the present arrangement. Brooks noted that the main importance of the Yack was to record student activities since the university maintained no other record of a student's outside activities.

Under Brooks' bill changes for the yearbook would be:

- (1) Student government would pay for the entire cost of publication minus the book's regular income and costs incurred by organizations indirectly connected with student government;
- (2) Student government would appropriate \$3,700 from the general surplus for refunds to those organizations already having space in the 1958-59 Yack;
- (3) Any sum of this amount not so used will go back to the general surplus, and
- (4) The policy stated in the first article of the bill would become effective for the 1959-60 Yack, with the submission of the Publication Board's report to the Budget Committee.

Charlie Gray (UP), student body

treasurer, objected to the bill on the grounds that the present financial status of the general surplus in the budget was not such that allotment of the proposed sums would be a good idea.

Erwin Fuller (SP), directed questions to Gray on why such an appropriation would not be wise with \$50,000 available on demand in the Student Activities fund.

Gray replied that he was not prepared to discuss the balance in the Student Activities fund, but would be glad to investigate further and make a more complete report later.

The bill was sent back to committee after discussion centering around the investment funds in the Student Activities fund.

Before the assembly moved into debate on Greer's proposed changes in methods of selecting Honor Council jurors, Dave Biren (UP) moved that speakers on the bill be limited to five minutes speaking time. The motion passed.

Greer in speaking for his bill pointed out that his proposal would eliminate permanent jurors on the council and would draw upon the entire student body for jury duty.

In answering questions directed to him by various members of the body Greer said that he thought student interest and participation would be increased by enactment of his proposal. In Greer's opinion student interest can not be measured by signing up for an interview and having a name on a list for honor Council jury service.

A motion by Rudy Edwards (SP) to consider the proposal article by article was approved.

Article I of the proposal abolishing permanent jurors on the Honor Council was approved by the Legislature.

Dave Biren (UP) assumed the rostrum and spoke against Article II of the proposal, which would abolish the present interview of jurors and put selection on a random selection system much like that used in civil courts.

Biren said Article II was set up fine but now has no function. Biren

See LEGISLATURE, Page 3

INFIRMARY

Students in the Infirmary yesterday included:
Elizabeth Bass Van Wagner, Jay Hawkins Deits, Yates Schufford Palmer, Dennis Westworth Lee, William Tatillar Lytle, Michael Geoffrey Shulman, Alphonso James Early III, John Edward Page, Donald Worth Black, Robert Keith Kochehour, Fred Phillip Wood, Joseph Fredrick Mona and Larry Wooten Jarman.

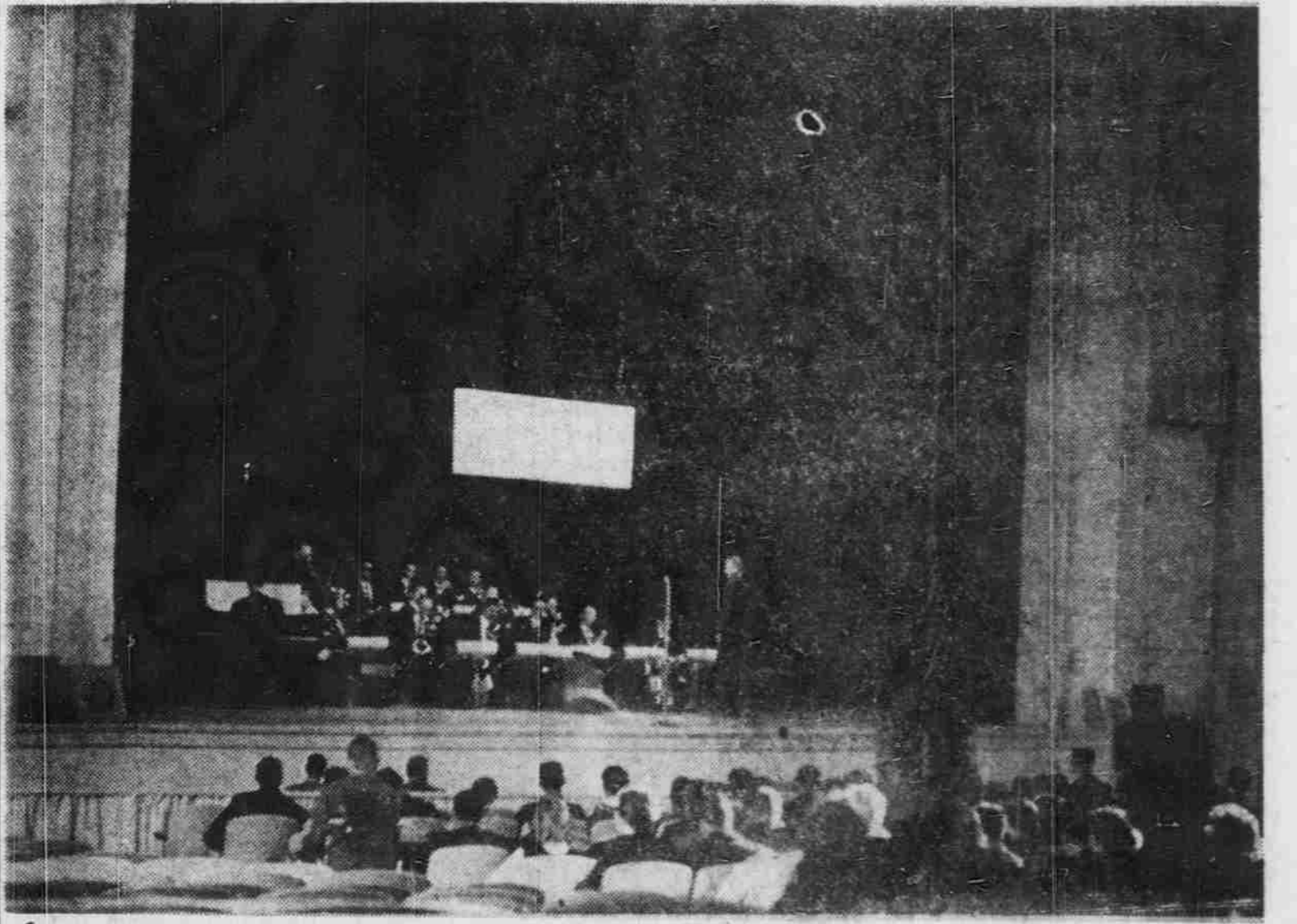
YACK PICTURES

NEXT WEEK: Groups scheduled this week for late fee, including Dance Committee and retakes that will or have been notified.

Basement
GM 1-8 p.m.

MEN:
ties, dark coats, white shirts

WOMEN:
black sweaters



JAM SESSION IN MEMORIAL—Charlie Barnett and his orchestra cut loose in newly-renovated Memorial Hall yesterday for the fall Germans Concert. Barnett also played for the dance last night. Other personalities on the program included the DeCastro Sisters and Bob MacFadden.

Staff Photo by Clarke Jones