

The Tar Heel

Beach Weather

A typical summer weekend is on hand at the coast. Weather will be warm and humid, with intermittent thundershowers expected during the evenings.

Volume 76

CHAPEL HILL, NORTH CAROLINA, THURSDAY, JULY 31, 1969

Number 7

University Buildings Underway

Renovations and construction of new campus facilities worth more than \$42 million are nearing completion, according to the office of University Engineer Allen S. Waters.

By far the largest project in the current building boom is the \$10 million Ambulatory Patient Care Facility at Memorial Hospital, scheduled for completion this month.

Additional projects in the Health Affairs Complex, totaling another \$19 million, will be completed between now and next July.

Included are an addition to the School of Dentistry, a new School of Nursing, the Basic Education Facilities, and the biological sciences division of the new UNC Child Development Center.

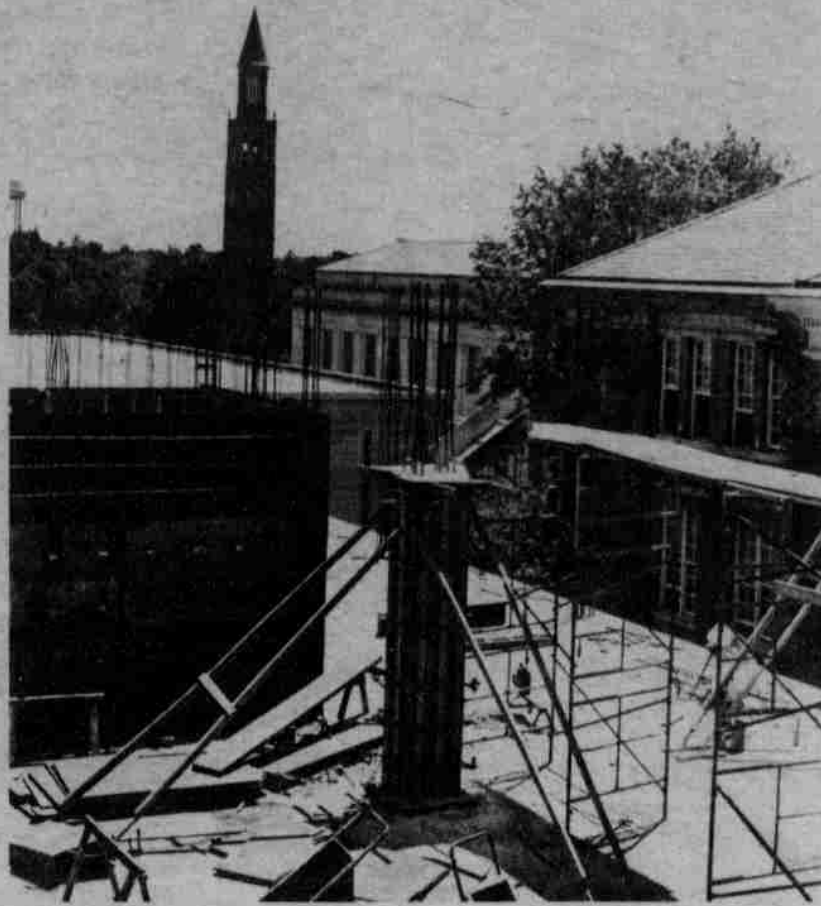
On the academic campus, perhaps the most outstanding addition is the nine-story Physical Sciences building located south of Venable Hall. Housing research and office facilities, the building, scheduled for completion in December, 1970, will enable UNC's Chemistry Department to remain among the nation's leaders in basic research.

A five-story addition to Bingham Hall will be completed next March for the hard-pressed English Department. Costing \$1.5 million, and housing classroom and office space, the building was designed by Little, Lee and Associates of Charlotte, architects for the House Library, the Student Stores building and the new Carolina Union.

Classrooms in Bingham have been reported as being in use, on the average, for more than 50 hours a week.

Two small additions to Dey Hall have recently been finished, and an addition to Carroll Hall, housing the School of Business

(Continued on page 3)



Construction On Campus Buildings Nears Completion

Duke Divers End Undersea Testing

Six divers have ended a two-week test in Duke University's hyperbaric chamber.

U.S. Navy officials believe that the two-week simulated dive to 600 feet below sea level has "provided the most extensive biomedical testing ever made on men in the chilling waters of any comparable depth."

The test was designed to test man's ability to operate under great pressure and temperatures as cold as 45 degrees fahrenheit.

Two unexpected discoveries were made during the tests. The divers suffered considerable temporary hearing loss at the simulated depth of 600 feet,

under 19 times normal surface pressure.

The other surprise was that in the 45-degree waters with special gear the divers experienced only a slight loss of motor ability, but their mental ability was decreased by about 50 per cent.

The Duke dive was one in a series of both simulated and actual dives aimed at getting man down to the depths of the continental shelf, which is, to the aquanauts, equivalent to reaching the moon.

The hyperbaric chamber at Duke is the only one in the nation that chills the water in its diving pot to the temperatures found at various levels beneath the surface.

Navy officials say that they are working toward practical uses for their underwater feats.

"A lot of the program is aimed at deep sea rescue and salvage," said Captain Walter Mazzone.

The equipment tested by the Duke Aquanauts, Corbin Peterson, Murray Cato, Richard Lyons, Allen Petrsek and Edward Flynn, included water heated underwear similar to that worn by Apollo 11 astronauts, diving suits that could be used on the Continental Shelf and two breathing systems.

The divers went down July 14 and tested the equipment for one week. On July 20 they began the decompression process as they headed slowly back to the surface.

Lt. Commander James Summitt said that while detailed analysis of the data collected had not been made he thought that the test proved that men could function as well under extreme pressure as they did at the surface.

"The divers can sustain moderate to heavy workloads using this equipment at 600 feet in either warm or cold water," he said.

Rush Begins September 17

Rush Manuals Ready

By MARY BURCH
Managing Editor

The 1969-70 Panhellenic Rush Manual has just been completed and will be mailed this week to all sophomore and junior transfers and all girls who have signed up for fall sorority rush.

Mrs. Lynne Armstrong, assistant to the Dean of Women and Panhellenic Advisor, noted that the manual is "one of the best that has been put out by the council." Nancy Nyrop is editor of the manual this year.

Approximately 100 girls have signed up for rush so far, Mrs. Armstrong noted. "This is about average for this time of year," she added, "since the manuals have not been sent to the junior transfers yet. Transfers make up the bulk of the rushees."

Nine UNC sororities will rush this fall. Sigma Sigma Sigma (Tri-Sig), UNC's newest sorority, will rush here for the first time. Colonization, however, will be delayed until early October.

The other eight sororities which will be rushing are Alpha Delta Pi, Chi Omega, Delta Delta Delta, Kappa Alpha Theta, Kappa Delta, Kappa Kappa Gamma, Phi Mu and Phi Beta Phi.

Two major changes have been made in rush this fall. First, rush will be held during the first week of classes rather than before school as it was last year, and secondly, the rushees will live in their own dorms rather than one dorm designated for those going through rush.

"Panhel made the decision to put rush back in school as a compromise between asking girls to come back so early and the problem of the time involved in rush putting girls behind in their studies," Mrs. Armstrong said.

"By having girls living in their own dorms, we feel they are less conscious of the pressure of rush," the assistant dean added.

These changes were made after considering the results of a rush survey which was made last

fall by the Panhellenic Council.

The rush counselor system, a system whereby each sorority

(Continued on page 3)



Mrs. Lynne Armstrong

Telephones:

The Chapel Hill Telephone Company's second exchange, known as the Campus exchange, went into operation Sunday, July 27. By separating town from University, service for the entire area will be improved and expanded.

The new communications center, originally estimated at a cost of \$1.5 million, was finished and equipped at the expense of \$2.3 million. With 9,000 lines handling all University calls at present, the Manning Drive facility will expand according to growth of UNC, particularly the Department of Health Affairs, to an ultimate capacity of 20,000

lines.

The business and residential community serviced by the Company also stand to benefit by the new system, as the entire Rosemary Street facility will now serve the general public exclusively.

The completed project, begun almost two years ago, was officially turned over to the Chapel Hill Telephone Company this past Friday by the Automatic Electric Company of Chicago, Illinois, after weeks of intensive verification and testing.

Mark O'Neil, public relations director for the Telephone Company, said "one objective of the switchover is to permit a

wider range of service to the student body, as additional lines can be opened to meet the demand."

"The new system is somewhat more automated than the old, and will certainly allow more flexibility," he continued. At present the number of employees is about the same, since we were overcrowded at the Rosemary Street offices to begin with."

"Dual purpose lines that were before necessary can now be eliminated in many instances," O'Neil added.

He said phone service to the South Campus high rise dorms was already considered

satisfactory. On the main campus, however, Old East and Old West each have but three phones, all located on the second floors, to serve all residents. O'Neil was not certain that this situation would be improved merely by the switchover.

A ceremony was held on July 25, prior to the switch to the new building. Attending were Howard Lee and Hughes Lloyd, mayors of Chapel Hill and Carrboro, Chairman of Orange County Commissioners Carl Smith, Ike F. Andrews and Donald Stanford of the N.O. State House of Representatives, UNC Student Body President

Chapel Hill Has A New Exchange UNC's, Town's Phones Separate

Alan Albright, and Dr. Claiborne Stribling Jones, representing UNC Chancellor J. Carlyle Sitterson who is vacationing in Europe.

Vice-chancellor of Business and Finance J.C. Eagles hosted the group, which was given a guided tour of the facility by Grey Culbreth, a top administrator of the Telephone Company.

Eagles placed the first call on the new lines to Gov. Robert Scott in Raleigh, who cited the project as evidence of the close cooperation which exists in North Carolina between state government and local communities.