



Duke University Medical Center

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DURHAM, N.C.

Sponsored by Wakeman Award

Conference to explore neurobiology frontiers

A national scientific conference on nerve function and regeneration of the nervous system will be held here next Thursday, Oct. 5.

The day-long session, titled "Frontiers of Neurobiology," is sponsored by the Wakeman Award, an international award administered by Duke and presented every two years to one or more researchers chosen by other scientists in recognition of their work in the neurosciences.

Two recipients have been chosen for the 1978 Wakeman Award and they will be announced at a black tie dinner the night before the conference in the Searle Center for Continuing Education in the Health Sciences.

"Frontiers of Neurobiology" will concentrate its morning session on how the eye and its nerves identify visual cues — the size and shape of objects, color and motion — and how this information is translated by the brain into recognizable images.

Morning speakers and their subjects will be:

9 a.m. — Dr. Robert H. Wurts of the Laboratory of Neurobiology, National Institute of Mental Health (LN-NIMH),

in Bethesda, Md., "Vision during eye movements: single cell and psychophysical comparisons."

9:40 a.m. — Dr. Stephen G. Lisberger of LN-NIMH, "Visual tracking and the single flocculus Purkinje cell."

10:40 a.m. — Dr. Peter L. Strick of the Research Service at the Syracuse (N.Y.) VA Hospital, "Multiple representations in the motor cortex and cerebellum: Mechanisms for differential input-output control."

11:20 a.m. — Dr. Edward B. Evarts of LN-NIMH, "Interaction of peripheral inputs and central programs in primate motor cortex during volitional movements."

The afternoon session will center on regeneration of the nervous system following injury. The special focus of interest of the Wakeman Award is research to correct injuries which result

(Continued on page 2)

Marathoners shouldn't run into problems

By David Williamson

The Durham First Marathon to be held Sunday may never threaten the Boston Marathon as the nation's premier footrace, but it will surpass the New England event as far as protecting the runners is concerned.

That's the opinion of Dr. William C. Hall, associate professor of anatomy at Duke and a veteran distance runner who has competed in Boston twice and in so many other races that he has lost track of the total.

In the last year alone, Hall has run in three competitions where participants have been struck by automobiles. Tables bearing cups of water for thirsty athletes

often have been obscured by crowds of spectators.

And once, he recalled, he had to run down the median of a four-lane highway bearing heavy traffic and cut between the vehicles to make a turn.

Safety first

"At some of these places, you feel like you're risking your life running, and the medical facilities are generally inadequate," he said.

"From what I've heard about preparations for the Durham marathon, it should be as safe as or safer than any other race in the country."

At the request of the Durham Chamber of Commerce, Dr. R. Sander

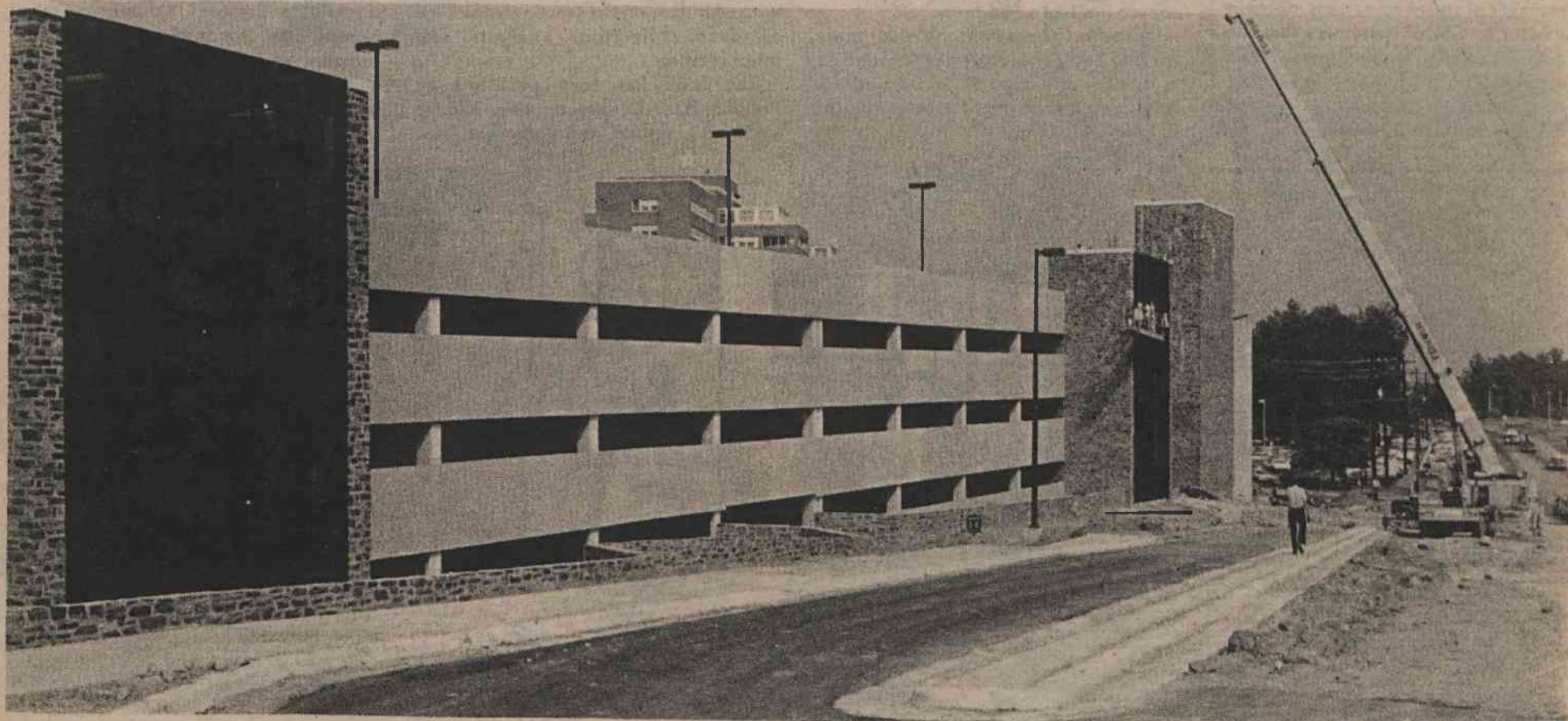
Williams has assumed responsibility for planning and staffing medical facilities for the marathon. He is a fellow in cardiology at Duke who works with the university's preventive approach to cardiology (DUPAC), a supervised exercise program designed primarily for patients with heart disease, hypertension or diabetes.

Prevention major goal

Williams said that unlike most other marathons where the runners never cover the same ground twice, the Durham race will consist of an 8.7 mile loop to be run three times.

Three first aid tents will be established along the route so that runners are never

(Continued on page 4)



FROM THE FOLKS WHO BROUGHT YOU PARKING GARAGE I, HERE'S NO. 2 — The brand new Parking Garage II, across Erwin Road from Duke Hospital North and across Fulton Street from the VA Hospital, will lay itself open to tire tracks and dripping oil beginning Monday when the long-awaited five-decker officially opens. It has space for approximately 1,620 vehicles, and 500 of those spaces will be sold to people wanting to rent monthly parking spots. Harry Gentry, manager of medical transportation, parking and facilities, said applications for monthly parking may be completed at his office, Room 314, Bell Building. The fee is \$12.50 a month. Spaces will be sold to both Duke and VA personnel, and nearly 200 of the 500 rental spaces had been applied for this

week. Transportation needs between the garage and the present hospital will be studied during the first couple of weeks, Gentry said, before deciding whether the current Duke-VA bus service is adequate. That service runs every 20 minutes from 9 a.m.-4 p.m., alternating between the circle behind the medical center and the circle in front of the hospital. When the Personnel Rapid Transit (PRT) system is completed, it will run from Duke South, through Duke North and under Erwin Road to the parking garage. In this scene, Erwin Road runs toward the west in the left of the picture and the VA Hospital peeks over the top of the garage. (Photo by Parker Herring)