

5,000 N.C. Women To Be Screened

Duke Receives NCI Breast Cancer Grant

Duke has received a \$130,354 contract from the National Cancer Institute (NCI) to finance the first year of an extensive breast cancer detection demonstration project in central North Carolina.

The project, aimed at screening 5,000 North Carolina women during the coming year, was announced earlier, and NIC formally announced the contract in

mid-February.

The program is one of 27 across the nation being funded by the American Cancer Society and NCI in an effort to cut the death rate from breast cancer, the No. 1 cancer killer of American women.

The current contract will run to Feb. 14, 1975, and the project has been approved for funding a second year.

During that year an additional 5,000 women will be screened and repeat examinations will be conducted of the first-year group.

Volunteer workers from the North Carolina Division of the American Cancer Society will help in the project by encouraging women who have no cancer symptoms to make an appointment and

undergo the quick and painless tests.

The examinations will be offered at no charge to women 35 years and older.

Dr. Richard G. Lester, chairman of the Department of Radiology and director of the project, said the cancer detection tests that will be used have been available at Duke and other hospitals for several years for patients who knew about them and could afford them.

"The purpose of this project is to get this technology to the people who haven't been able to afford it," he said. "We want to examine women who have no symptoms or complaints in an effort to find the cancers early while they are most treatable."

Dr. William W. Shingleton, director of the Comprehensive Cancer Center, said, "This screening program for early detection of breast cancer is the first phase of the center's community outreach program. This outreach will be a major part of our cancer control effort."

"Preliminary results from an ongoing study in New York have suggested a reduction in the mortality from breast cancer among women when the mammogram is used in early detection," he said.

The screening of each woman will take about 30 minutes and will use a combination of several techniques: clinical examination by a surgeon; thermography, a heat pattern image of the breast; and mammography, x-rays of the breast. The tests are painless and involve no injections.

The screening clinic will be housed in a building at the Lennox Baker Cerebral Palsy Hospital in Durham not far from Duke Hospital. It will be staffed by surgeons, radiologists and a highly trained technical staff.

The radiologists will include members of the staff from Duke and Watts Hospital in Durham. The surgeons will come from Duke and from the Durham community.

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DURHAM, NORTH CAROLINA

National Driving Center Seeks Profile Of Drivers in Safety Research Effort

Let's pretend you're lucky enough to have a full tank of gasoline, and you're beginning a vacation tour of North Carolina. Summer is on the wane and the boss has given you a couple of weeks to regain your mental health and renew acquaintances with your wife and kids.

What kind of drivers might you expect to meet along the route?

Good ones, mostly, according to Department of Motor Vehicles figures released by the Durham-based National Driving Center last week. The fact is that most North Carolinians have never had an accident.

But how about the other ones? You know, the kind who make insurance rates seem like house payments, and the kind who make your hair stand on end when they pass you like a blur on a blind curve.

Well, 3,570 of them have been arrested in the last three years for racing on public highways.

There are 960 who have in excess of five convictions for driving while intoxicated and 58,650 who have been caught drunk at the wheel more than once.

Twenty-four hundred drivers have had eight or more property damage accidents apiece since 1968; 640,790 have had at least one mishap.

Twenty drivers have had at least seven accidents each resulting in personal injuries, and almost a quarter of a million have one on their record.

Almost 9,000 have a conviction for leaving the scene of an accident, and 160 have more than five convictions for driving after their licenses were revoked.

One result was that hundreds of lives were lost last year alone, and millions of dollars of property damage were recorded.

Still want to take the trip?

Dr. Verne L. Roberts, director of the National Driving Center and adjunct professor of mechanical engineering at Duke University, says that these figures, which are as surprising as they are frightening, should prove useful in providing safer highways in the future.

The statistics come from a project which the center initiated in the fall of 1973 to gain insight into the role played by drivers in the highway safety problem.

Before studying the effects of medical, behavioral, educational and social factors on driver performance, Roberts explained, it was necessary to have an adequate profile of Tar Heel motorists,

both the good ones and the kind you wish would stay at home.

Scientists at the center, which was funded by the N.C. General Assembly last year, fed the driving records of North Carolinians into a computer at the Research Triangle Institute and produced a document which is the first of its kind in the United States.

It tells 255 different stories about the 3.3 million licensees in the state—everything from the number of drivers in each county and the incidence of transporting bootleg liquor to the number of drivers who are subject to blackouts and those who have been convicted of driving the wrong way down a one-way street more than five times.

"This is a wonderful research tool," Roberts said while explaining that the computer data file has been structured to furnish further statistical information without the need for special programming.

"It can provide researchers and government personnel with prompt, responsive replies to their questions, and it is a first step toward the study, analysis and treatment of problem drivers," he added.

"One of the areas we'll be looking at will be drivers with physical disabilities such as visual defects, coronary heart disease, epilepsy and diabetes.

"Until now we haven't had good

standards for judging which handicaps might make a person prone to accidents," the safety expert said.

Another object of the current research will be to aid those who are involved in rehabilitating the alcoholic, he indicated.

The National Driving Center, currently housed in Duke's Engineering Building, will break ground for its permanent home in the Research Triangle Park this autumn.

Involved in the planning for the new facility and the investigations to be carried out are faculty members from Duke, North Carolina State, the University of North Carolina at Chapel Hill, and Bowman Gray School of Medicine in Winston-Salem.

—DAVID WILLIAMSON

Annual E. C. Hamblen Symposium Slated Here Today and Tomorrow

The 10th annual symposium honoring the man who established the division of gynecologic endocrinology at Duke will be in session throughout today and until noon tomorrow in the Hospital Amphitheater.

It is the E. C. Hamblen Symposium in Reproductive Biology and Family

Planning. Dr. Hamblen was a member of the Ob-Gyn faculty here from 1937 until his death in 1963.

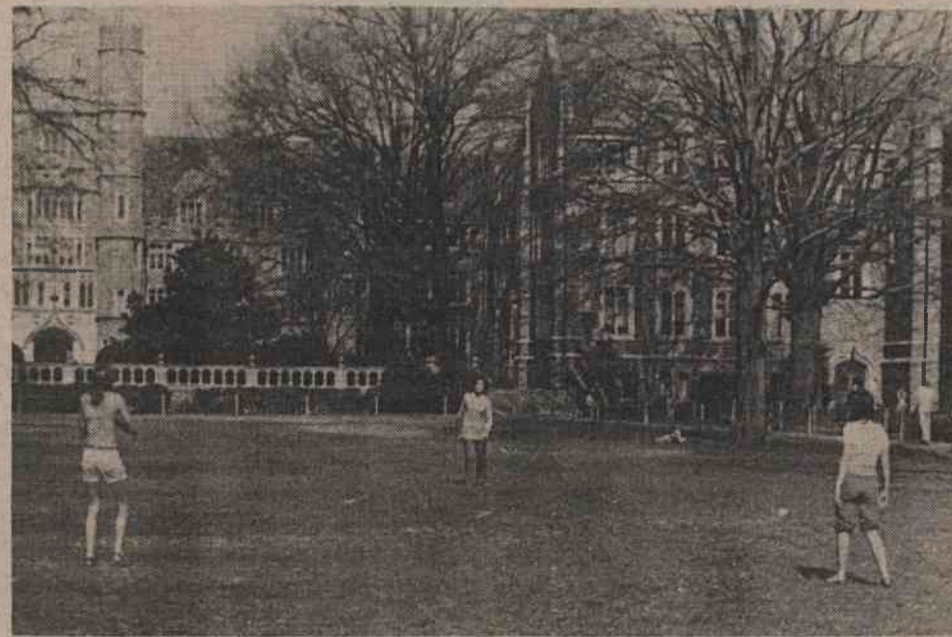
Thirteen members of the Duke faculty are on the program, and guest speakers include: Dr. S. J. Behrman, professor of Ob-Gyn at the University of Michigan's Center for Research in Reproductive Biology; Dr. E. J. Quilligan, chairman of Ob-Gyn at the University of Southern California; and Dr. J. B. (Ben) Younger, a former house staff officer at Duke who is now associate professor of Ob-Gyn at the University of Alabama.

The program began at 8:30 this morning with remarks by Dr. Roy T. Parker, department chairman.

Presiding at the opening session on "Management of the High-Risk Obstetric Patient" are Dr. F. Bayard Carter, former department chairman, and Dr. Robert G. Brame and Dr. Arthur C. Cristakos. Dr. Charles H. Peete Jr. will preside at the late afternoon session on "Newer Techniques in the Treatment of Fertility."

Today's second topic will continue tomorrow with Dr. Charles B. Hammond and Dr. Stanley A. Gall presiding.

Other Duke participants include Dr. Lillian R. Blackmon, Dr. Lynn G. Borchert, Dr. M. Carlyle Crenshaw, Dr. Marcos J. Pupkin, Dr. John C. Weed Jr. and Dr. R. Herbert Wiebe.



RITEs OF SPRING—Last week temperatures reached record highs for early March, and the balmy weather brought out undergraduates by the score. These three Duke students took a break after classes, and tried their hands at frisbee throwing. (Photo by David Williamson)