

Eight new faculty members join medical center

Dr. Frederic N. Cleaveland, university provost, has announced eight faculty appointments in the School of Medicine.

The Department of Surgery has one new associate professor, Dr. Onyekwere E. Akwari, and four new assistant professors, Drs. Culley C. Carson III, Jimmy L. Cox, John P. Grant and Seth H. Lowell.

The Radiology Department has three new assistant professors in Drs. Steven R. Mills, Randall K. Sather and Daniel C. Sullivan.

Akwari, a native of Aba, Nigeria, studied at Cambridge University, received his B.Sc. degree from the University of Washington in 1966 and earned his M.D. at the University of Southern California in 1970. He served his internship and residency at the Mayo

Clinic in Rochester, Minn., and, prior to his Duke appointment was a research fellow at Mayo Medical School.

Trinity College of Hartford, Conn., awarded **Carson** a B.S. in 1967, and George Washington University School of Medicine awarded him an M.D. in 1971. He began his surgical training at Dartmouth-Hitchcock Medical Center in Hanover, N.H. and completed a urology fellowship this year at the Mayo Clinic.

Cox earned his undergraduate degree at the University of Mississippi in 1964 and his M.D. at the University of Tennessee Medical School of 1967. He served his surgical residency at Duke and for the past year has been a teaching scholar in cardiac surgery at the medical center.

After receiving a B.S. degree at the

University of Michigan in 1965, **Grant** went on to complete his M.D. at the University of Chicago in 1969. He spent two years as a clinical associate with the National Cancer Institute's Surgery Branch and served his surgical residency at Duke.

Lowell earned an A.B. at Indiana University in 1970, an M.D. at Duke in 1973 and a Ph.D. in otolaryngology at the University of Minnesota this spring. He completed his residency in otolaryngology at Minnesota.

The University of North Carolina at Chapel Hill awarded **Mills** a bachelor of arts degree in 1968 and an M.D. in 1972. He served his internship at Mary Imogene Bassett Hospital in Cooperstown, N.Y., his residency in diagnostic radiology at U.N.C. and for the

past two years has been a staff radiologist at the National Institutes of Health in Bethesda, Md.

Sather, a 1965 Emory University graduate, received his M.D. from the Medical College of Georgia in 1969. He completed an internship at Parkland Memorial Hospital in Dallas in 1970, and his residency in radiology at Duke this year.

After earning an A.B. at Brown University in 1966, **Sullivan** went on the University of Vermont Medical School where he received his M.D. in 1970. He served his internship at Bethesda (Md.) Naval Hospital and his residency at Yale-New Haven Hospital. For the past year, he has been assistant professor of radiology at Yale.

Relaxation technique studied

(Continued from page 1)

vessels in the hand when it is cold send signals to close vessels when a person is emotionally upset," Surwit said.

They learn how to warm hands

It is this cross-link in the SNS which makes it possible for some people to relax and "will themselves" to warmer hand temperatures.

"The secret of voluntary hand warming is the development of a passive and relaxed attitude," Surwit said. "People can warm their hands by learning to reduce their stress at will."

The patient is instructed to practice at home with a cassette of relaxation instructions and a small liquid crystal band which measures finger temperature.

Volunteers should have disease

Surwit said persons interested in participating in the study which starts in December should already have been diagnosed by a physician as having Raynaud's Disease, not Raynaud's Phenomenon which can accompany other medical problems.

"In this particular study we are seeking persons who have Raynaud's Disease but do not have Scleroderma, Lupus or other disorders which may produce similar symptoms," he said. "We will be working with these disorders in later studies."

Raynaud's patients often suffer also from cold feet, Surwit said, but this particular study will deal primarily with relieving the symptom of cold hands.

Subjects may be required to stay overnight and may be required to take

further diagnostic tests at their own expense before they can be accepted, he added.

Control groups

The study will use control groups to test various treatments for Raynaud's, including the most common treatment, intrarterial reserpine. This treatment involves injecting a chemical substance, reserpine, into the arteries. Reserpine helps open the blood vessels by reducing the effect of the sympathetic nervous system.

Dr. Frank Keefe, a Duke psychologist who worked with Surwit at Harvard Medical School, will be involved in the study. Keefe has studied the treatment of Raynaud's patients. He is an assistant professor of medical psychology.

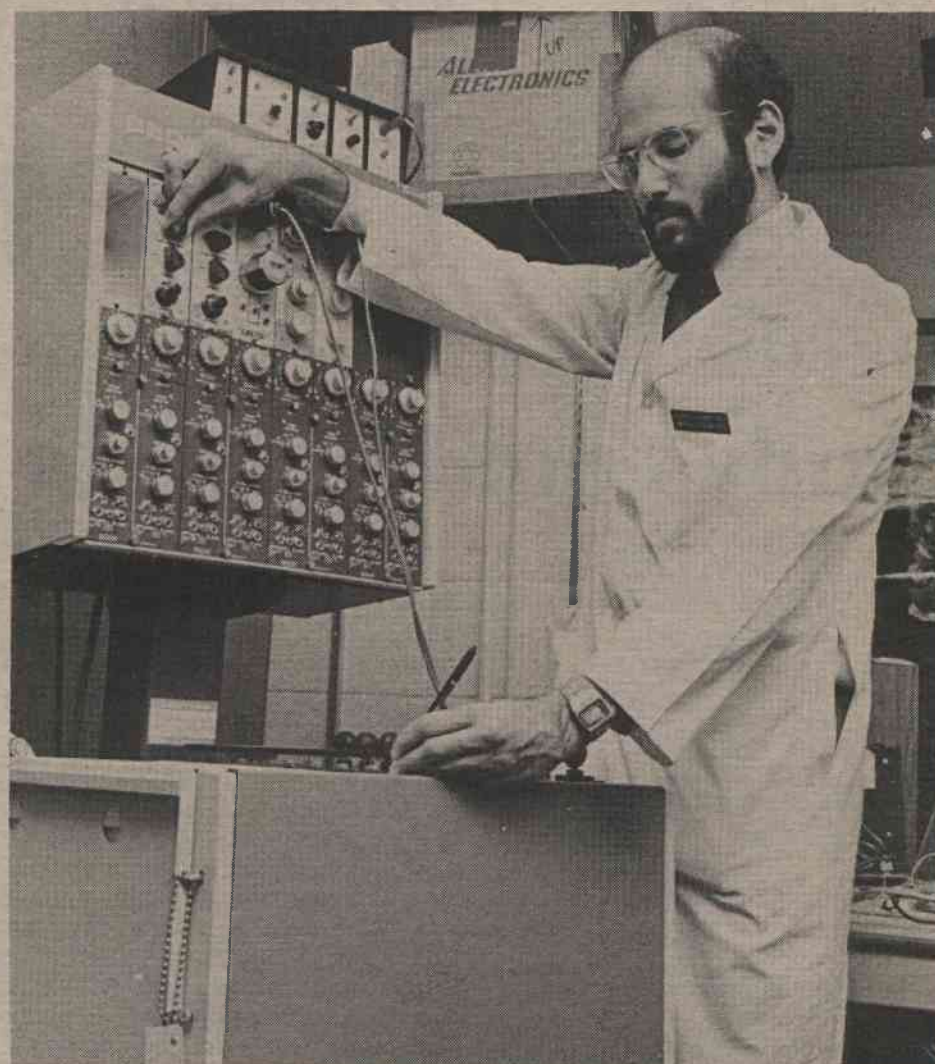
Two Duke dermatologists, Drs. Bob Gilgore and Madeleine Duvic, and a Duke rheumatologist, Dr. Peter Pepe, also will be involved in the study. They will help select subjects and also will consult throughout the study.

Call now

Surwit said persons interested in participating should contact the Behavioral Physiology Laboratory at 684-5523 or Box 3416.

The study is made possible by a three-year, \$170,000 grant from the National Institutes of Health.

An article by Surwit on biofeedback and behavior modification techniques for treatment of Raynaud's Disease is scheduled to appear this month in *Psychology Today*.



TAKES THEIR TEMPERATURE—Polygraphs such as this one will be used in the Raynaud's Disease study to record physiological functions such as blood flow, heart rate, body temperature etc. Electrodes connected to the patient feed into the polygraph which records the functions and produces a readout. Dr. Richard Surwit is seeking subjects to test a technique which he says can help sufferers of the disease. (Photo by Parker Herring)



Deck the halls

Christmas trees will go on sale on campus tomorrow. The Forestry and Environmental Management (FOR-EM) Club plans to make available more than 450 freshly-cut fraser fir and white pine trees, as well as pine boughs, handmade evergreen wreaths, holly and mistletoe.

The sale will take place in the parking lot immediately behind the Biological Sciences Building on Science Drive. The

hours are 10 a.m.-6 p.m., Saturday and Sunday, and 3-9 p.m., weekdays.

All trees and trimmings are expected to be sold within two weeks.

FOR-EM Club members will be willing to trim and shape trees to buyer's specifications. They also can supply information about storage and care of the trees for the holiday season.

Wet or dry?

Liquor by the drink for Durham County?

Whether you plan to vote "yes" or "no" when this question is put to the public on Jan. 12, you have to be registered in order to vote.

By law, to vote in any election, one must register before the registration books close 21 working days before the election.

To vote on the mixed beverage issue, you must register by 5 p.m., Dec. 13.

To register to vote, one must be a U.S. citizen, at least 18 years old by the date of the next general election, a North Carolina resident for 30 days and a resident of one's precinct for 30 days prior to the next election.

Durham County citizens may register at the County Board of Elections on the second floor of the Durham County Judicial Building on Main Street or at the Durham Public Library and its branches.

For more information, call 682-5745 or visit the Board of Elections office.

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