



APPLES FOR THE TEACHERS—This year's Golden Apple Award winners, (l-r) Dr. Samuel Katz, Dr. Peter Burger and Dr. Ralph Corey, receive their awards and congratulations from Joan

Henderson and Allan Crimm. Henderson received her M.D. last weekend. Crimm is a rising fourth-year medical student and president of the Davison Society. (Photos by John Becton)

## Med students give apples to three teachers

By John Becton

Students in the School of Medicine have selected this year's "Golden Apple Award" winners.

They are Dr. Samuel L. Katz, professor and chairman of pediatrics; Dr. Peter C. Burger, assistant professor of pathology; and Dr. Ralph Corey, chief resident in internal medicine.

The three were selected to receive Golden Apples in the clinical sciences, basic sciences and house staff categories, respectively.

The awards were announced and presented at the annual Medical Student-Faculty Show April 22.

**Katz**

Katz came to Duke in 1968 as professor and chairman of the Department of Pediatrics. He was on the faculty of the

Harvard Medical School prior to his appointment here.

Katz graduated from Dartmouth College in 1949, and earned his M.D. at Harvard in 1952.

He was named Wilburt C. Davison professor of pediatrics at Duke in 1972. During the past year, Katz has served as president of the Association of Medical School Pediatric Chairmen, an organization which includes chairmen from 130 universities in the United States and Canada.

**Burger**

Burger completed a rotating internship at Los Angeles County General Hospital, 1966-67, and came to Duke as a resident in pathology in 1969 following two years' active duty in the U.S. Air Force.

He served as a fellow in

neuropathology prior to appointment to the Duke faculty in 1973.

Burger was awarded a bachelor's degree from Oberlin College in 1962 and an M.D. from Northwestern University Medical School in 1966.

**Corey**

Corey is a 1969 graduate of Duke and received his M.D. from Baylor College of Medicine in 1973.

He returned to Duke for internship and residency in medicine in 1974.

Corey is a member of Alpha Omega Alpha, medical honorary society, and has been a chief resident in his department during the past year.

**Additional nominations**

Other nominees in the clinical sciences category were Dr. Harvey J. Cohen, associate professor of medicine; Dr.

Edward W. Holmes, associate professor of medicine; Dr. Rayford Scott Jones, professor of surgery; and Dr. Stephen G. Osofsky, assistant professor of pediatrics.

Those nominated from the basic sciences included Dr. Wolfgang K. Joklik, professor and chairman of microbiology and immunology; Dr. Philip A. McHale, assistant medical research professor of physiology; Dr. Saul M. Schanberg, professor of pharmacology; and Dr. Timothy L. Strickler, assistant professor of anatomy.

House staff nominees, in addition to Corey, were Dr. Paul Klotman, medicine; Dr. Lewis Rubin, medicine; and Dr. Paul Zarutskie, obstetrics and gynecology.

**Selection process**

In selecting recipients of the Golden Apple Awards, all medical students are given the opportunity to suggest five teachers from each category.

Those named the most in each group become the nominees, and each student may then vote for her or his first choice in each of the three categories.

This is the 15th year for the awards. Winners receive individual plaques from the Davison Society, Duke's medical student government organization, and have their names inscribed on a permanent plaque in the School of Medicine.

## Important studies examine fetal development

A Duke scientist has received a \$344,500 grant from the National Institutes of Health (N.I.H.) to continue his studies of a hormone believed to be important in regulating the growth of infants before birth.

The four-year grant renewal was awarded to Dr. Stuart Handwerger, associate professor of pediatrics.

Handwerger and his colleagues, Drs. Lee Tyrey and M. Carlyle Crenshaw, will be investigating the effects of placental lactogen, a hormone produced by the placenta, on fetal growth and metabolism. They also will try to determine factors that control the synthesis and secretion of placental lactogen.

Crenshaw and Tyrey are professor and associate professor, respectively, of obstetrics and gynecology.

"These studies are important because there are disease conditions that result in growth failure in the uterus," Handwerger

said. "If we could understand better the mechanisms of development in the fetus during normal pregnancy, this could have significant implications for understanding what goes wrong in certain abnormal pregnancies."

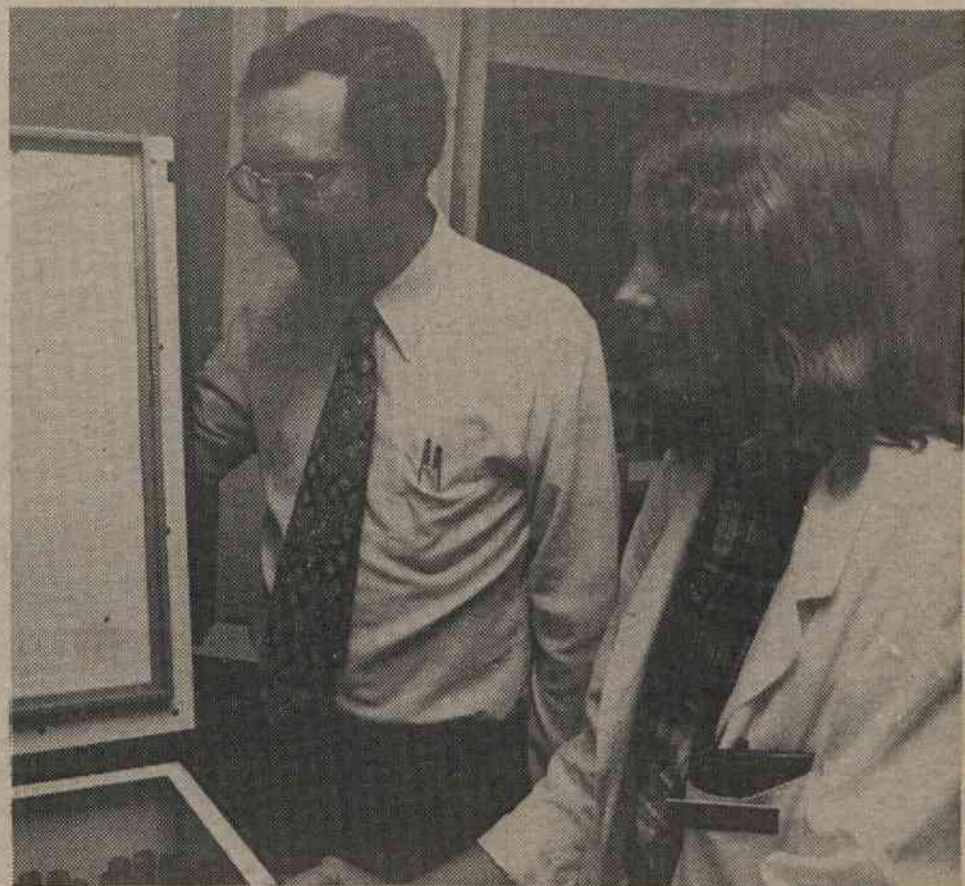
Low levels of the hormone in humans during pregnancy have been linked to brain damage or death in unborn children and growth problems in infants who survive birth, he said.

The scientist said experiments involving actual pregnancies will be conducted on sheep because the animals, like humans, have been shown to produce placental lactogen. Blood samples containing the hormone can be taken safely from a sheep fetus by means of a catheter during the latter half of the mother's gestation period.

The researchers also will culture human placental tissue after birth, he said. Various hormones and other compounds will be added to the cultures

to determine if the rate at which placental lactogen is produced can be increased.

Handwerger, who is also an assistant professor of physiology, has held an N.I.H. Research Career Development Award for the past three years. The National Foundation March of Dimes has provided additional grant support for his research over the last five years.



NIH GRANT RENEWED—Dr. Stuart Handwerger, shown here with Dr. Joyce Wise, has received a \$344,500 grant renewal from the National Institutes of Health to continue his studies of a hormone believed to be important in regulating the growth of infants before birth. (Photo by John Becton)

### Get your ticket to the stars

Tickets for the Children's Classic, celebrity golf invitational, to be held May 27-28, may be purchased in the Department of Pediatrics Office, 228 Baker House (brown zone, second

floor), from Edith Rosenblatt in the Pediatrics Unit Administration Office on Howland Ward (yellow zone, first floor) or in the Wachovia Bank (purple zone, first floor).

Adult tickets cost \$3 for one day or \$5 for both days. Children's tickets, good either day, cost \$1.

Stars such as David Hartman, Jack Albertson, Perry Como, Chet Atkins, Mickey Rooney and Whitey Ford will join this year's celebrity field, the largest in the history of the event.

Proceeds from the tournament go to help Duke heal children.

