## **CAMPUS**

#### **UNC** scientists research viral defenses

Working independently, groups of scientists at the School of Medicine and the Massachusetts Institute of Technology have developed an important tool for studying how the body protects itself against viral infections.

This "tool" is a strain of mice whose forefathers were altered to not produce a key protein known as Beta 2 microglobulin, which tells the body which cells have been infected by viruses and must be destroyed.

Using the altered mice, researchers say they should be able to learn more about the protein's role in the immune system and what unknown defenses may protect humans and animals when class I proteins do not work.

#### **Public Health looks at** cholesterol levels

Concerned about the high choles terol levels among the nation's elderly population, scientists at the School of Public Health want to know if reducing those levels helps control heart disease.

The National Heart, Lung and Blood Institute has awarded the researchers a two-year, \$565,000 grant to design a national study, which could have a major impact on how doctors treat millions of senior citizens.

 Dr. Ed Davis, principal investigator for the project, said increases in the elderly population makes knowing what to do about elevated cholesterol extremely important.

"We want to know if lowering cholesterol will reduce the incidence of heart disease in older persons, firm scientific evidence is not yet available," he said. "Since we are a graying population, the public health implications of this question are really enormous as we go into the 21st century."

#### Coleman appointed head of research

Dr. Mary Sue Coleman, a trustee, professor and researcher at the University of Kentucky, has been appointed associate provost and head of research

The appointment, effective July 1, was approved June 8 by the UNC Board of Governors. Coleman will also become professor in the Department of Biochemistry and Nutrition in the School of Medicine.

Coleman's duties will include developing new research initiatives and funding sources, providing technical assistance to faculty seeking outside funding through the Office of Research Services and serving as a liaison and spokesman on research matters with other institutions, funding agencies, organizations and alumni.

#### **Department of Pediatrics** to study anemia

The department of Pediatrics' Division of Hematology in the School of Medicine has been awarded a threeyear, \$149,334 grant from the Kate B. Reynolds Health Care Trust to develop materials about sickle-cell anemia.

Sherree Drezner, clinical social worker, and Dr. Herbert Cooper, professor of pediatrics, are co-directors of the project. They will oversee the development of clinic guides and educational materials for preschool, schoolage and adolescent patients with sicklecell disease as well as their families.

# Students to participate in Call to Washington

By PAUL BOYD

A group of University students will join thousands of others next week in a series of events including a march and rally at the White House to focus attention on issues facing ethnic groups and minorities in the United States.

The rally and march are part of the Student Call to Washington, a weeklong program in Washington, D.C., from June 16 to 22 sponsored by the National Collegiate Black Caucus (NCBC).

The local chapter of the NCBC, in conjunction with the Black Cultural Center, is sponsoring 20 delegates for the march and rally.

"I believe the Student Call will have

By KENNY MONTEITH

out in the classroom, the student-run

orientation program is shifting into

high gear preparing incoming fresh-

men, junior transfers and graduate

Carolina Testing and Orientation

Program Sessions (C-TOPS), which

run every week during the summer

from Thursday to Sunday, provide

incoming students and their parents

with a chance to learn more about

specific programs and opportunities

All but one weekend of C-TOPS

are set up to help freshmen adjust to

college life. They are housed in Cobb

and Joyner Residence Halls along with

the orientation leaders. An estimated

360 freshmen and their parents attend

each C-TOPS, said Orientation Leader

Zack Schroeder, a junior from Raleigh.

a specific group of freshmen or par-

ents to lead to various sessions con-

cerning university life, Schroeder said.

The sessions are presented by the ori-

entation leaders and other University

In these sessions, freshmen and

parents fill out forms and question-

naires on religious preferences, dating

and other social issues. They are also

informed about the academic life at

UNC, personal and property security,

dating safety and other Tar Heel events.

form exaggerated skits for the parents

explaining the pitfalls that may face a

college freshman, Schroeder said.

terwards."

The orientation leaders also per-

"There's also a question-and-an-

swer session for the parents," he said.

"Sometimes we run out of time, so we

Each orientation leader is assigned

students for university life.

offered by UNC.

While most students are sweating it

a tremendous effect locally and nationally," said Sherry Waters, president of the local NCBC.

Waters stressed the importance of improving education, reducing unemployment and creating a drug free environment for black Americans.

"Students will definitely come back with an open awareness of the national crisis and become more willing to get involved in the issues facing society,'

Cassandra Caldwell, chairwoman for local NCBC public relations, said student response has been tremendous, and encouraged others interested in the

march and rally to attend. "I feel the march on Washington will

be a positive step towards increased student activism," she said. "Many people think that students are apathetic towards social issues. This will prove them wrong."

The event is attracting nationwide attention and has been endorsed by several institutions including Amnesty International and The Martin Luther King, Jr. Center for Social Change.

The event is separated into three parts. The first, "Soweto Day," will be held June 16 in rememberance of the massacre of 300 South African students in 1976 by apartheid security forces during peaceful demonstrations.

The second part is titled "By Any Means Necessary." Participants will

assemble outside the U.S. Department of Education and march to the White House on June 17. The rally will be held immediately afterward across from the White House in Lafayette Park. The rally will focus on problems facing the black community and will feature

speakers and entertainment. The Student Call to Washington will end with Student Action Week, June 18-22. This event will begin at Howard University with a teach-in to focus on such issues as homelessness, education, civil rights and environmental concerns.

A meeting with President George Bush has been requested by the NCBC, but has yet to be confirmed. If the meeting takes place, a rally will be held

immediately afterwards outside the U.S.

Supreme Court to report its results. On Capitol Hill Lobbying Day, participants will meet with members of Congress to hold them accountable for the current status of education, unemployment, housing and other issues.

The group will also lobby for the reauthorization of the Higher Education Act and for passage of the Civil Rights Act of 1990. Students will conclude the week with the development of a Student Action Agenda for the coming school year and will conduct an Interfaith Service prior to departure.

For more information, contact Cassandra Caldwell at 933-1892.

### C-TOPS helps new students adjust to UNC **BOG** selects new UNC-W

chancellor By KELLY THOMPSON

The Board of Governors for the UNC system selected a former UNC-CH professor as the new chancellor of UNC-Wilmington and reported that the number of black applicants to system

ever last year at their meeting June 8. James R. Leutze, a former professor of military history at the University, was recommended to the BOG by UNC President C.D. Spangler and approved by a unanimous vote. He will succeed William H. Wagoner, who is retiring

schools passed 10,000 for the first time

July 15. The new chancellor said in a news conference he planned to strengthen research, add more master's programs and increase ties to the community, but cautioned the improvements would take time. "Greatness is almost being thrust on this university," he said. "But ex-

cellence is never easy." Leutze began his teaching career at UNC-Chapel Hill in 1968 and was named chairman of the Curriculum in Peace, War and Defense in 1986. He left Chapel Hill in 1987 to become president of Hampden-Sydney College in Hampden-Sydney, Va.

Later in the meeting, the Committee on Educational Planning, Policies and Programs presented its study of minority enrollment within the UNC system.

Committee chairman Earl Danieley reported that enrollment of in-state black students increased 16 percent and Native American students went up 38 percent from 1980 to 1989, while white in-state student enrollment rose 17 percent in the same period.

Danieley also said black students comprised 8.25 percent of the total enrollment within the 11 predominantly white institutions in the system. UNC system schools as a whole have never reached their goal of 10 percent black enrollment, although a few individual schools including UNC-Greensboro had as of last fall.

white student enrollment had risen to 17 percent of the total on traditionally black campuses in 1989, such as Fayetteville State University and Elizabeth City State University. One Board of Governors member

The committee's report also showed

said the numbers show that the system's integration plan is not aggressive enough in The Chapel Hill Newspaper Monday.

"I'm not sure the recruiters are really going after them," said Maceo Sloan, a retired black businessman who was appointed to the board in 1972.

In other business, Board of Governors appointed nominees to several groups including the Board of Trustees for the UNC Center for Public Television and Faculty Assembly Chairman Fred Hinson gave a presentation on the fac-

ulty group.

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DTH/Grant Halverson

Orientations leaders Christine Santos, Jason Burke, Chip Sudderth and Chris Shelton rehearse a C-TOPS skit

graduate and professional students. Gretchen Diffendal, orientation leader coordinator, said orientation is handled different for these groups. They don't need to learn how to be a college student (like the freshmen)," she said. "They just need to know how to be a college

just ask them to ask us questions af-The focus for transfers and graduate students is on the services that they may The July 28 session, however, is need while at UNC, Diffendal said. geared toward junior transfers and Services such as the Career Planning

student at Carolina.'

and Placement and Health Services are examples of the services that could help transfers and graduates, she said.

C-TOPS is run by 16 student orientation leaders, who were selected in January by an orientation committee. In addition to conducting the C-TOPS weekends, orientation leaders work during the week compiling data on the freshmen and filling the registration packets with schedules, name tags, and other information.

In August, the orientation leaders will organize the fall orientation program for incoming freshmen. This program, which is separate from C-TOPS, is designed to help freshmen move into residence halls, go through drop/add and learn housing rules and regulations. The orientation leaders are paired off into areas such as STOW, Hinton James and Scott Residence College to help entering freshmen, Schroeder said.

## Bill in legislature similar to chancellor's idea

By THOMAS HEALY

A bill introduced in the General Assembly last week would give schools in the University of North Carolina system greater administrative flexibility in the day-to-day management of their financial affairs.

The UNC Management Flexibility Bill was introduced by Rep. George Miller and Sen. Kenneth Royall and calls for many of the same actions proposed almost a year ago by UNC-CH Chancellor Paul Hardin. The bill is based on joint findings of the Board of Governors and the Office of State Budget and Management which were put forward at the request of the General The purpose of the proposed legis-

lation is to provide for better management and more effective use of resources by the institutions of the University of North Carolina. The bill would cut in half the number

of line item controls on University budgets, would raise the ceiling on purchases to be made directly by the universities and other State agencies from \$5,000 to \$10,000, and would make research-related purchases exempt from state sales tax.

All 3 of the actions were recommended by Hardin in a report to the UNC Board of Trustees Sept. 1, 1989. Hardin recommended reducing budget lines so that funds could be moved around to needed areas. He also recommended that the ceiling on purchases made by the University through competitive bidding be raised to \$25,000.

But the bill would not allow UNC schools to carry over funds from one budget year to the next, nor does it consider using tuition as a means of revenue for the schools. Both steps were recommended by Hardin.

The bill also would not affect general

fund appropriations for 1990-91, according to Miller and Royall.

In a report to the UNC Board of Governors, C.D. Spangler, president of the University of North Carolina system, praised the bill for its attempt to give each of the system's campuses "needed flexibility in financial management." Spangler also sent copies of a letter to

members of the Board of Trustees asking their support for the bill. In the letter, Spangler said, "This bill is very important to the University. It would provide your chancellor important authority to manage and lead your campus more effectively."

Early-learning program can help premature babies From Associated Press reports study, which was developed by the Frank comparable group of children not en-The research, sponsored by the Robert

Underweight, premature infants have

higher IQ scores and fewer learning problems when they are enrolled in an early-learning program, say researchers at the University of North Carolina at Chapel Hill. "We already knew that early inter-

vention made a big difference in economically disadvantaged children," said Donna Bryant, associate director of the

Porter Graham Child Development Center at UNC-CH. "Now we know it can make a significant difference for low-birth-weight babies, too."

Results of the four-year, \$33 million

study are reported in today's issue of the Journal of the American Medical Association. Bryant and two other researchers presented the findings at a news conference in Chapel Hill on

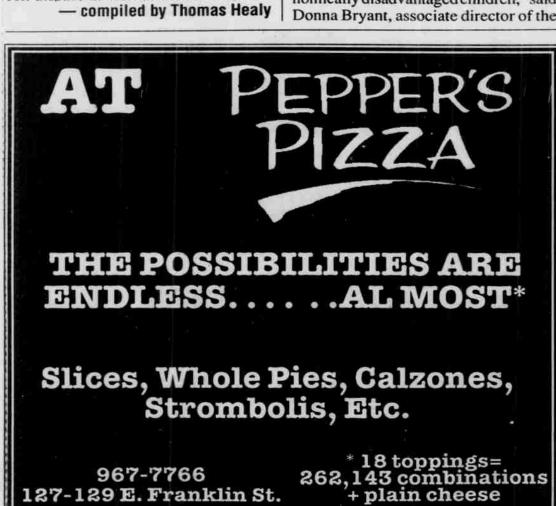
Wood Johnson Foundation, was conducted at eight universities across the nation and evaluated by a research team at Stanford University.

The study found that youngsters weighing between 4.4 and 5.5 pounds at birth who were given learning exercises at home and in special schools scored 13 points higher on IQ tests than a

rolled in such programs. Infants weighing less than 4.4 pounds

at birth averaged 6.6 points higher than those not given the special attention. All of the children were tested at age 3.

Researchers studied 985 babies born at 5.5 pounds or less and delivered at 37 weeks or less. Most babies are born at 40 weeks.





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