

## Award Winning Musicians To Appear In A&T Band Day Program



**AMBASSADOR DAWSON HOLDS CLASS LECTURES AT ST. AUG'S** — American Ambassador to Botswana, Horace Dawson, Jr. gave several lectures to International Relations and Afro-American Studies classes during his visit to Saint Augustine's College on last week. He discussed the role of an ambassador, international politics and relations, and the foreign service. Presently enrolled at Saint Augustine's is the son of the ambassador, Gregory Dawson, a sophomore, mass communications major.

**GREENSBORO** — The exciting A&T State University Marching Machine, supported by the band from Hampton Institute and three outstanding high school bands from North Carolina and Tennessee, will be featured in the Band Day event in Aggie Stadium on Saturday, October 9.

"It will be the finest collection of band talent assembled this football season in the state," said David Morehead, chairman of the A&T Promotion Committee which is sponsoring the event.

Joining the A&T and the Hampton bands will be the award-winning Hillside High School Marching Band of Durham, the snappy Dudley High School Band of Greensboro; and the East Nashville Senior High School Band of Tennessee.

The Hillside Band, directed by Clarke Eger-ton, Jr., has gained a national reputation over the past 30 years and has appeared in the Mardi Gras in New Orleans, at Disney World in Florida, in the Edison Pageant of Light Festival in Fort Myers, Florida and at the World's Fair in New York.

Dudley's band has also appeared in the Mardi Gras parade in New Orleans, and jazz components of the band have performed across the state and in Tuskegee, Ala., Washington, D.C., and the Bahamas.

The band, which is conducted by A&T graduate Shelton Williams, has nearly 160 pieces, the largest number in recent years. Dudley will feature some

of the top rock tunes, including "Let It Whip", made popular by Dazz Band; and "Drop The Bomb", popularized by the Gap Band.

The Hampton Institute band is conducted by Sylvester Young. Although in his first season at Hampton, the youthful band director is a protege of William Foster, band director at Florida A&M University where he was graduated. The 120-piece Hampton band features show tunes, and popular and

patriotic pieces. The East Nashville High Band is directed by Mitchell Hollie. Although composed of only 75 pieces, the band represents a fine inner city high school and has some talented musicians.

The host, 140-piece A&T marching band is directed by Dr. Johnny Hodge and Jimmie J. Williams, both known for their original band routines and arrangements. The band has performed in some of the largest stadia

along the East coast, including Yankee Stadium, Shea Stadium, the Baltimore Memorial Stadium, and Robert F. Kennedy Stadium in Washington, D.C. The talented musicians have an unusual array of precision drills and fancy dance steps. They also feature many Top 20 soul tunes.

The pre-game band show will begin at 1:10 p.m., followed by a halftime show and a post-game show.

## 22,000 Seventh Graders To Participate In Duke's Talent Search

Some 22,000 seventh graders in 16 southern and midwestern states are expected to participate in Duke University's 1983 Talent Identification Program, director Robert N. Sawyer says.

About 18,000 students in those states took part in the 1982 academic talent search.

Sawyer, an associate professor of education and lecturer in psychology, said his office has sent information and registration forms for the 1983 search to 14,000 middle schools in the search area.

### Duke Finds Structure In Eye

**By Janet P. Frye**  
The discovery of a new structure in the lens of the eye by a group of researchers at Duke University Medical Center has led to a grant to study a possible link to cataracts.

Using an electron microscope to examine fiber cells in mammalian lenses, the scientists identified a new type of membrane contact between neighboring cells that is structurally different from previous classes of membrane contacts.

The scientists theorize that this new type of contact between cells in the lens may be important in maintaining lens transparency.

Dr. J. David Robertson, chairman of the department of anatomy, and Drs. Thomas J. McIntosh and M.J. Costello, assistant professors of anatomy, have received a \$330,745, three-year grant from the National Eye Institute.

The funds will support a continuing study of the new structure and its relationship to normal lenses and cataract lenses. The original discovery of this membrane contact was made at Duke by Dr. Sidney Simon, associate professor of physiology at Duke, Dr. G. Zampighi now at UCLA, and Robertson, McIntosh and Costello.

Cataracts occur when there is a decrease in lens transparency, Costello explained. More simply, it becomes a clinical problem when a portion of the lens becomes opaque and light doesn't pass through. It's like wearing a very dirty pair of glasses. The individual can't get a complete image.

Costello said the researchers will use an electron microscope to try to determine the distribution and structure of the new class of membrane contacts.

"The goal is to identify structural abnormalities in the membrane contacts in the opaque region of mammalian lenses," Costello added. "We hope this will lead to a better understanding of what causes cataracts."

TIP operates as far west as Nebraska, Kansas, Oklahoma and Texas. The higher number of seventh graders expected to participate this year comes from having more schools cooperate in the project, Sawyer said.

Seventh graders who score in the top 3% on standard achievement tests are eligible for TIP, which requires them to take the Scholastic Aptitude Test in December or January.

The SAT is the test most college-bound high school seniors and juniors take as part of the admissions process. If past experience

holds, Sawyer said in an interview, about 40% of the seventh graders taking the SAT will earn scores equivalent to college-bound high school seniors on one of the three SAT subtests.

The SAT contains tests of math and verbal ability, as well as a test of standard written English.

Seventh graders who score at the highest levels on the SAT become eligible for TIP educational programs. All students will be given a guide to help them toward state and local programs for gifted and talented youngsters, Sawyer said.

TIP also operates two three-week academic sessions on Duke's East Campus each summer, offering intensive study in numerous disciplines. Some courses have been taken for college credit.

The registration deadline for 1983's talent search is November 24. The program charges \$8.25 for administrative mailing and printing costs, and the SAT costs an additional \$10.50.

Regional and state awards winners are honored at ceremonies in May. For the last two years, the top winner has been a North Carolina youngster.

Applications may be obtained by contacting TIP at Duke University, Durham, 27708.

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