

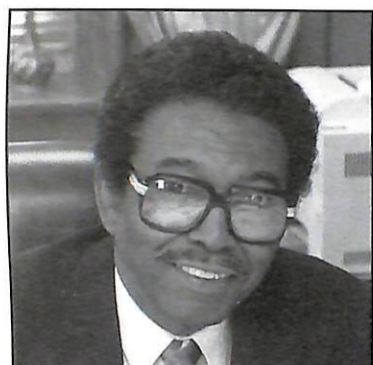
Accent



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VOL. 24, No. 2 New Programs, New People Issue • September 1994 • Published Sept. 1, 1994

A PUBLICATION FOR THE TSU COMMUNITY



Augustus Bankhead
Vice President for Academic Affairs

Four New Administrators Appointed

TSU President James A. Hefner has announced the appointment of four new upper-level administrators.

Augustus Bankhead, Ed.D., has been named vice-president for academic affairs. He had previously served as interim vice president.

In his position, Bankhead will plan, organize, administer and evaluate the academic program for the University. He will provide executive leadership in program development and maintenance of high academic standards. He will also be responsible for the overall direction of recruitment, retention, tenure and promotion of academic personnel.

Bankhead has been a member of the TSU faculty and administration since 1958. He has served the University in several capacities, including interim vice-president for administration, assistant dean for undergraduate studies for the College of Business, and director of cooperative education. He has also been honored as TSU's Teacher of the Year.

Bankhead holds a doctorate in higher education administration from George Peabody College for Teachers.

John Cade, M.Ed., was selected as dean of admissions and records. In this capacity, he will spearhead the office's advanced technological thrust.

"I am looking forward to implementing at least three new computerized advisement systems in the very near future," said Cade. "I believe these systems will greatly benefit students, faculty and staff and will streamline the academic process and make it more efficient."

Cade will oversee the implementation of the Student Information System (SIS Plus), which will give faculty access to student academic information. Cade plans to direct the establishment of a computerized graduation audit and advisement system called On Course. He will also play a key role in the implementation of TSU's telephone registration system.

Prior to joining the University staff, Cade served as registrar and associate director of admissions, records and regis-

tration at Bowie State University in Maryland, where he was a faculty member in the Education Department.

Cade holds a master's degree in education with a concentration in speech and dramatic arts from Bowie State College. He also earned a master's degree in education with a concentration in guidance and counseling from South Carolina State College.

Sandra Holt, Ph.D., has been appointed director of the Honors Program. The Honors Program is a voluntary project designed for students who are high academic achievers based on American College Testing (ACT) scores and grade-point average. The Honors Program encourages students to excel by exploring topics in depth, by developing initiative and by playing an active role in the teaching-learning process.

Holt's responsibilities include ensuring a challenging curriculum, securing internships for students at major universities, and helping place students in top-ranked graduate and professional schools. She hopes to expand honors course offerings.

Holt says one of her primary objectives for her new position is to secure grant funding that will allow students to study overseas.

Prior to her appointment, Holt taught communications courses at TSU for more than 20 years. She currently serves as advisor for the Golden Key National Honor Society and had served as interim director of the Honors Program.

Holt said, "I was a member of the Honors Program as a student at TSU and I have always loved the program. I am honored now to have the opportunity to lead and expand the program for other students."

Holt earned her doctorate in rhetoric from Florida State University.

James Stewart, Ed.D., has been named interim director of TSU's Title III programs. He previously served as professor of psychology and director of the Computer Research Laboratory for the College of Education. He has served the University in several capacities since 1977.

As Title III director, Stewart will monitor all University federal grants funded by the U.S. Department of Education's Title III Program. The grants strengthen various programs and divisions at TSU.

Stewart said, "My association with the Title III federal grant system spans seven or eight years as principal investigator of several activities. I am looking forward to serving the University by strengthening its federal grants office."

Stewart, a licensed psychologist and certified school psychologist, earned a doctorate in educational psychology and guidance from the University of Tennessee.

President Hefner said, "With these four professionals working in key positions, the University should see growth in the quantity and quality of services we provide and students we attract. I am pleased to begin a new academic year with four new administrators in whom I have the upmost confidence."

Quotable Quotes

"I am TSU."

—Dr. Lula Collier, vice-president for administration, indicating the role each TSU employee plays in upholding the image of the University

"It should always be remembered that whenever there is technological advance without social advance there is almost always an increase in human misery."

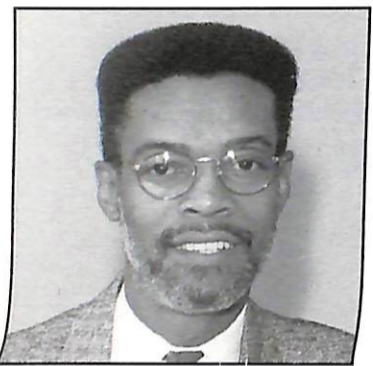
—Attorney A C Wharton, in his address to the 1994 summer graduates

"And we don't have any time to get there because we should've already been there."

—Dr. Augustus Bankhead, vice-president for academic affairs, talking about taking steps toward progress

"If you treat people with kindness, they will always treat you back with kindness."

—Joseph Gray, a 1994 graduate (See page 2.)



John Cade
Dean of Admissions and Records

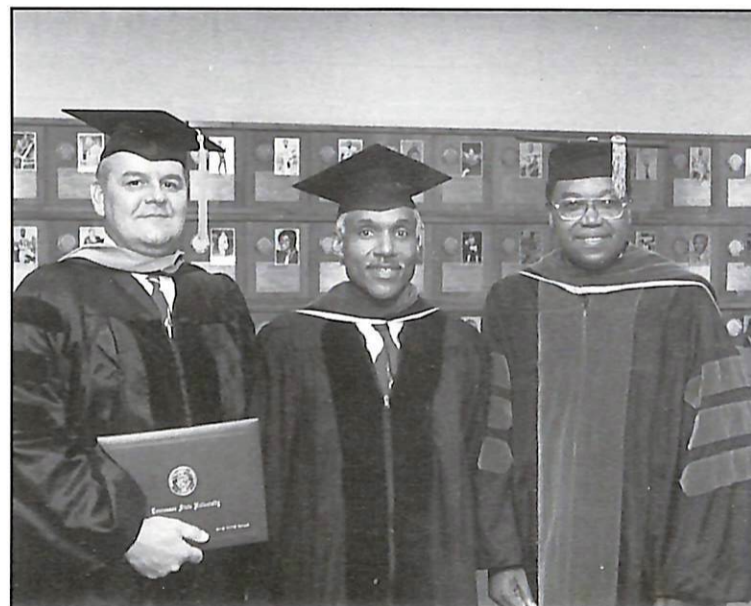


Sandra Holt
Director of the Honors Program



James Stewart
Interim Director, Title III Programs

Ed. Note: Accent will highlight additional key staff appointees in an upcoming issue.



David Wayne Qualls (left), State Commissioner of Education, received his Specialist in Education during the 1994 Summer Commencement exercises. Beside him are commencement speaker and Memphis attorney A C Wharton and President Hefner.

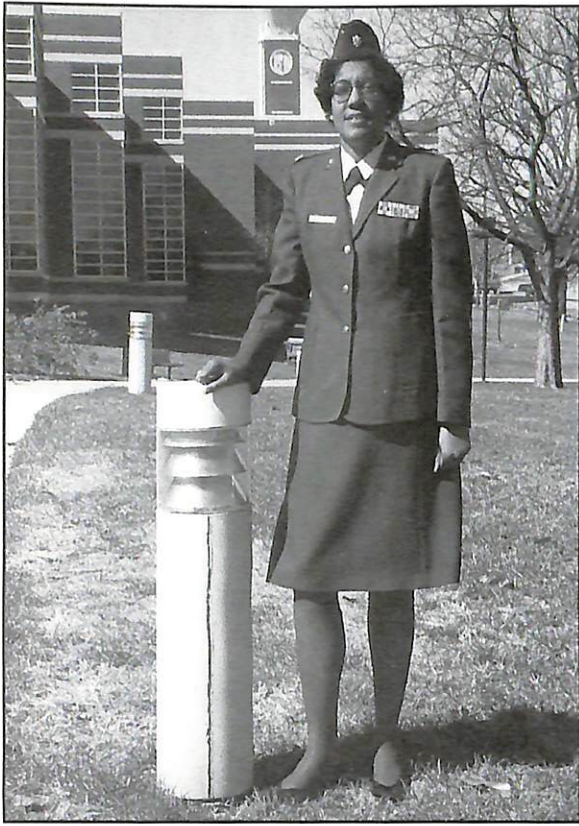
IN THIS ISSUE

What's New at Tennessee State University.....page 3
A look at some of TSU's new programs and services.

Profiles on Faculty and Alumni.....pages 2 & 5

Homecoming Highlightspage 6

She's The First!



Lieutenant-Colonel Linda Brown Saffore

She's a tall, poised woman at six feet two inches. Her lean frame and gait suggest an air of leadership and confidence. Her smile and straightforwardness tell you right away that you're in challenging, but comfortable, hands. And her disciplined, well-trained approach to teaching and her career qualify her for a key position in the military.

She is Lieutenant Colonel Linda Brown-Saffore, Tennessee State University's first female Air Force ROTC commander.

In this position, she heads a staff of nine. Because hers is the only AFROTC in the region, she also oversees a program for approximately 80 cadets (1993-94 figure), not only from TSU, but also from Western Kentucky, MTSU, Vanderbilt, Tennessee Tech, David Lipscomb and others. Her primary goals for these students are instilling discipline in them and providing them with opportunities to receive an education and have job security upon graduation.

To Brown-Saffore, discipline begins in the classroom.

"When an AFROTC instructor walks into a classroom, the cadets have to come to attention and stand," she said. She's also quick to explain how all the training and hard work pay off for those who choose AFROTC.

"They're assured of a job at the end of their four-year college," she said. "They don't have to send out resumes or worry about the unstable job market. They can start out and have more responsibility than they would have in a civilian job."

Brown-Saffore didn't receive the AFROTC pitch when she was deciding on college. The recruitment materials came, but her mother intercepted them. Brown-Saffore majored in math and returned home to Amite, La. (pop. 4,000) to teach after graduating from Grambling State. While at Grambling, she learned about the Air Force in a speech class, from a student who showed slides of his tenure in the military.

"I was living in the house with my mother, and there I was 20, 21 years old," said Brown-Saffore. "I decided I needed to get away, so I started exploring options of how I could get a job where a company would pay for my moving expenses and things like that and I just thought about the Air Force."

Even when she signed on with the Air Force, her mother still had reservations.

"My mother tried to talk me out of it," Brown-Saffore said. "My friends tried to talk me out of it. They even kept me up the night before [I left], and I had to get up a 4:00 a.m., so I got about two hours' sleep and started my first day of training very tired."

"I was never sure that I was going to stay any time beyond the four-year point, but I got promoted, so I stayed in." Brown-Saffore will celebrate her 20th anniversary with the Air Force in 1995.

In addition to the activities involved in leading her staff and cadets, Brown-Saffore keeps busy with several activities, including Delta Sigma Theta public service sorority.

Brown-Saffore also enjoys TSU sports and especially likes it when the cadets from Tennessee Tech and MTSU show their TSU spirit by wearing TSU T-shirts to usher at home basketball games. She also shares a friendly Grambling/TSU rivalry with Major Roosevelt Williamson (TSU class of '77).

"We have a lot of fun around football season," said Williamson.

Co-worker Major Thomas Rich said Lt. Col. Brown-Saffore is "head and heels above anyone I've ever worked for." TSU joins him in saluting this outstanding faculty member.

Shades of Gray

In 1989, twins Jeffrey and Joseph Gray graduated from high school together. Jeffrey was valedictorian; Joseph, salutatorian. Five years later, in 1994, the twins walked across the stage to receive their bachelor's degrees in aeronautical technology from Tennessee State University's College of Engineering and Technology.

Not only are Jeffrey and Joseph's looks identical, but so is nearly everything else about them — same fraternity, same internship location, same major, same community service organizations.

The twins have always been competitive academically. "It makes you want to do better in your classes," Joseph said. "Sometimes it can become a double standard because people will mistake you for being the other person or assume that you will do what the other person did in a situation."

When pressed on that point with "Have you ever used that to play tricks on anybody?" Joseph laughed.

"Well, sometimes we used to go to class for each other. Sometimes he was better in one subject than I was. We'd just switch. And we gained a better understanding. And we worked out some of the problems a little bit easier."

Initially, the twins were encouraged to attend the same university so they could support each other. Jeffrey and Joseph roomed together until midway through their junior year, when they decided to separate. What brought them to Tennessee State University?

"The reason I wanted to come to TSU was because I wanted to exhibit my talents in an environment where they might be appreciated," said Jeffrey, who, like his brother, wanted to attend a historically black institution and be "among a lot of people who were doing positive things."

Through his work as tutor, counselor and teacher in TSU's Engineering Concepts Institute, Jeffrey has passed along his insights: "The world's successful

people were not necessarily raised on a bed of down. They had to overcome obstacles. Once you find yourself overcoming the obstacles they make you appreciate everything you get."

Jeffrey continued that fostering a more positive perception of the black male was one of his biggest challenges. "I try to see myself apart from the crowd and try to set myself to be something successful in the future. I'd like to be a role model."

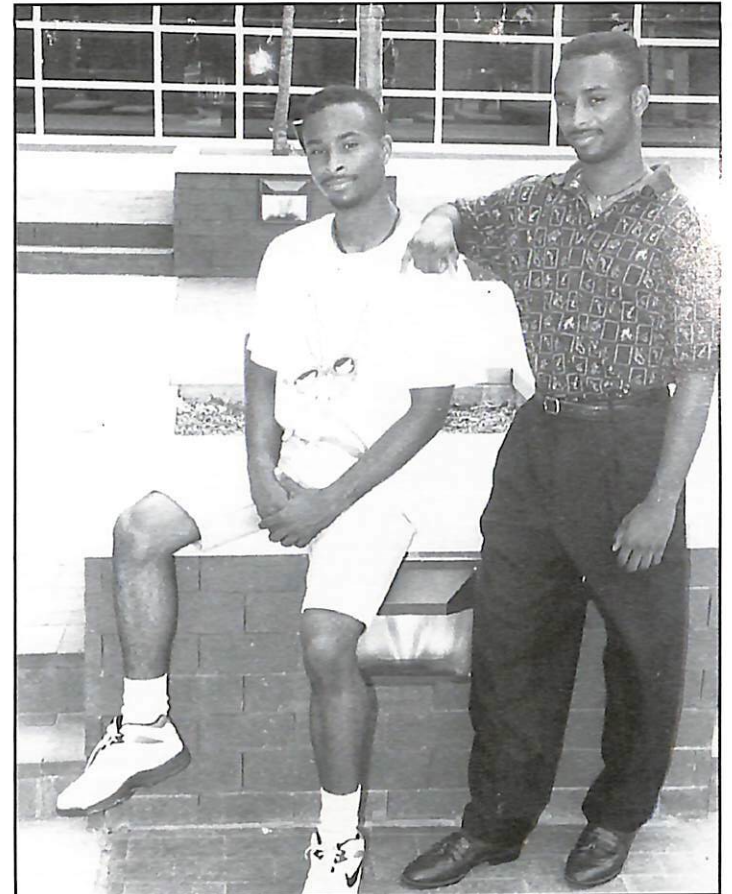
Joseph said, "I've learned a lot from being here at this University. One of the more important things I've learned is how to relate to people, to treat people right no matter if they're white, black, blue, green or yellow. If you treat people with kindness they will always treat you back with kindness."

Working as cooperative education students with the U.S. Army Corps of Engineers in Little Rock, Arkansas, also taught Joseph and Jeffrey how to work independently and gave them a taste of the real world. But there's always room to dream. Each twin was asked to word-paint their ultimate job scenario:

*Joseph said, "I would like to create my own comic strip and create a movie through animation, maybe through virtual reality." Joseph sees himself in an Los Angeles or New York office and right in the middle of the high-tech entertainment scenes all over the world.

*Jeffrey said he wants to be a graphic artist, probably in the advertising field, working with virtual reality and creating advertisements like the Coca-Cola commercial with the polar bears. "My office would be located in Florida. I would love to come to work with an \$800 suit on with NIKE tennis shoes and talk with all sorts of people all over the world."

The twin's career plans, though similar, may place them thousands of miles apart. But both will probably continue to make similar choices, lured by both left-brain technology and right-brain artistic ability. And no doubt, they will be paying hefty long-distance bills.

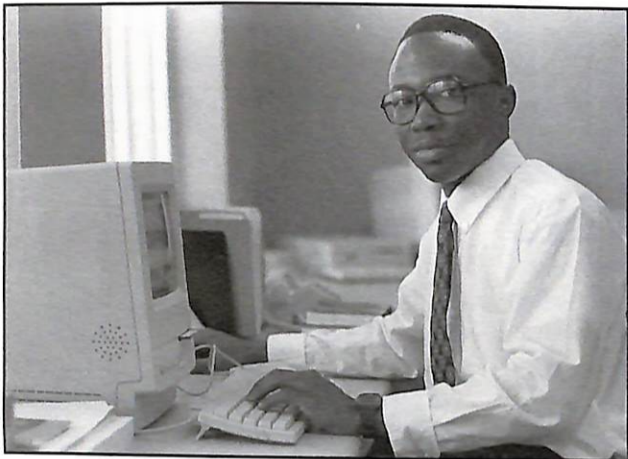


Joseph Gray (left) would like to produce an animated program or film similar to the Looney Tunes characters he enjoys, while brother Jeffrey has set his sites on the fast-paced world of advertising. Both are summer graduates of TSU.

What's New at TSU

Tennessee State University is launching the 1994-95 academic year with a host of new programs and services designed to continue its commitment to excellence.

"The challenge for Tennessee State this year is to prepare students to thrive in the real world, where skills and job requirements change constantly," said President Hefner. "Our emphasis continues to be concern for our students and their ability to remain competitive in an increasingly global economy."



Tennessee State University provides hands-on astronomy lessons.

Some Metro high school students will soon receive valuable lessons in astronomy through a program sponsored by TSU's Astrophysics Department and the Center of Excellence for Information Systems, Engineering and Management.

Center director Mike Busby said, "We're excited about this project because it introduces students at a young age to real, hands-on astronomy. Most of the time, students have to read about the stars and planets from books. Through this program, they will be able to move a remote telescope, bring an image back and examine it themselves."

The project is under the director of Marino Alvarez, education professor, and Greg Henry, center staff astronomer, and is slated to be in place some time this fall.

NASA teams with Engineering.

TSU's College of Engineering and Technology is bringing the latest research discoveries right into the classroom this year as the College teams with NASA to introduce students to probabilistic design. Until now, engineering students were taught to create designs that had their structural safety and durability based on deterministic designs. Students used concepts called "factors of safety" to determine a structure's ability to withstand stress.

"If we wanted something to be twice as safe, we simply multiplied by two," explained Dean Decatur Rogers. "This was a rather arbitrary calculation and gave us no guarantee that the structure would actually be twice as safe," he said.



Dr. Chinyere Onwubiko, chairman of the Mechanical Engineering Department, is now teaching students to use the very latest in results from his NASA research in the area of reliability. Both graduate and undergraduate students will benefit from the new techniques.

"We simply decide how reliable we want our structures to be," said Onwubiko. "If we want a 99.95 percent reliable structure, this means we have designed a structure with a failure rate of only one-half of one percent. We have much more control over our designs now than we had using the factors of safety," he said.

Elementary education makes move.

College students throughout the state must declare a major in a liberal arts area in addition to taking the required education courses to be licensed by the state as elementary school teachers.

"We are all accustomed to having high school teachers major in an area like math or science, in addition to taking education courses," said Franklin Jones, interim dean of the College of Education. "Now elementary education students will be required to follow a similar track. To teach social studies, they will need a background in social studies."

At TSU, elementary education students can select from three major areas of emphasis: early childhood development, math/science, and social studies/language arts. Students under the new program will graduate from TSU with a bachelor of science degree in arts and sciences instead of a bachelor of science degree in teacher education, as under the old plan.

TSU students will take about 50 percent of the 130 to 134 required hours toward their degree in general education courses. These are the basic core courses such as English, history, math, etc. About 30 percent of students' courses must be in their selected major area and about 20 percent will be education courses.

Bobby Lovett, dean of the College of Arts and Sciences, said, "We believe the new guidelines will place better, more thoroughly prepared teachers in the classrooms and you will soon see improvement in students' performance and improvement on achievement tests. I also think the new program is truly a step in the right direction because it places the training of teachers in the hands of the content professionals. In other words, the best person to teach a teacher how to teach history is a history teacher."

Jones agrees that the new program should be a plus, as well as encourage educators to cooperate more closely with each other.

"Traditionally, the College of Education has been self contained and isolated from other colleges. Now we must all learn to work together throughout the University and across the state and country to give teachers a top-quality background that will prepare

them for the classrooms of the future."

The first group of students to complete the program graduated in May 1994.

Master's in Nursing program enrolls its first students.

For the first time this fall, TSU will be enrolling students in its new master's degree program in nursing. The School of Nursing will offer three nonclinical classes this semester in the master's program: Role Development in Nursing, Theory in Nursing, and Research in Nursing. Sixteen students have signed up for the first class.

Nursing professor Pat Sharpe said, "TSU has one of the largest schools of nursing programs in the state. We graduate about 90 students each year."

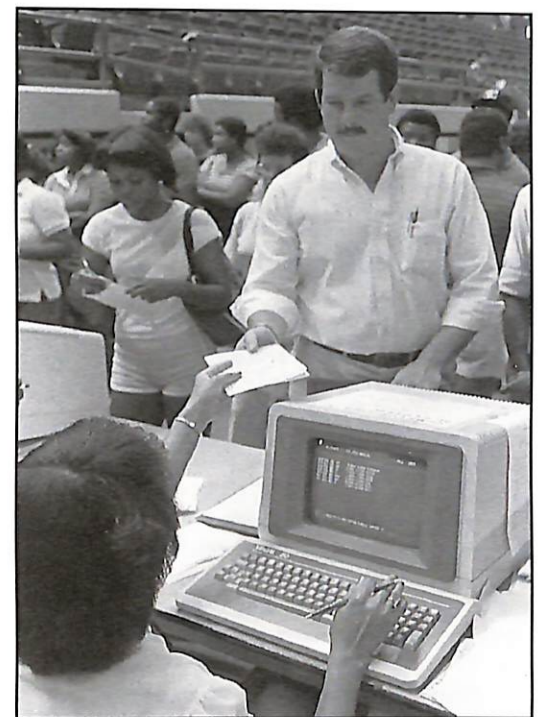


Engineering adds computer component.

TSU's Electrical Engineering Department recently changed its name to Electrical and Computer Engineering. Now, students can earn a degree in electrical engineering with an emphasis on computers. AT&T Bell Laboratories donated \$116,000 in new computer equipment to the University in support of this program.

University administrators decided to institute the computer emphasis in response to the great need for computer engineers in Tennessee.

According to the Tennessee Department of Employment Security, by the year 2005, the projected increase in employment growth for computer engineers in Davidson County will be 90 percent; for the state, 78 percent.

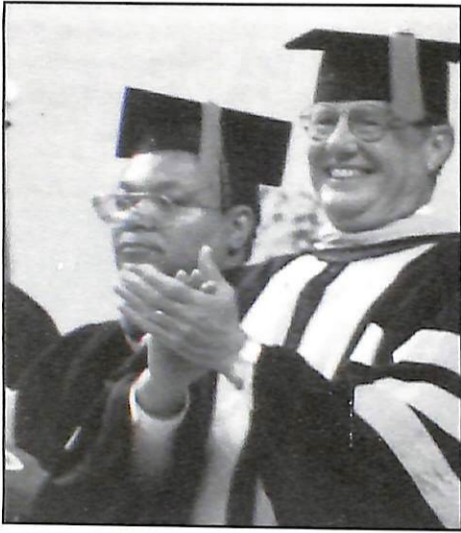


News You Can Use

Research Dollars Triple, Reach \$18 million

Tennessee State University has tripled the amount of funding it has received for research projects since 1990, according to the Office of Sponsored Research. Totals have reached the \$18 million mark, and additional grants are being awarded to TSU programs on a regular basis.

Details of research grants at TSU will be covered in Sponsored Research's Annual Report.



Decatur Rogers (left) and Franklin Jones

College of Education seeks to increase number of minority teachers

The College of Education will begin the year with a new Minority Teacher Certification program. According to Franklin Jones, interim dean of the College, a critical shortage of minority teachers, particularly of African-American males who can serve as role models in the classroom, is evident in the public schools. TSU plans to recruit individuals who hold bachelor's degrees but who are not certified to teach. The University will then prepare them for certification, in addition to providing grants, scholarships and other forms of financial aid.

"I receive calls almost every day for minorities who want to become teachers," said Jones. "The Minority Teacher Certification project is an excellent opportunity for anyone interested in teaching to further their education and enter the classroom. However, the number of enrollees is limited by funding."

Student Appointed to State Teacher Certification Committee

Tennessee State University graduate student Michael Clark has been appointed by Governor Ned McWherter to the State Teacher Certification Committee. Only one student is selected each year to serve with the organization. In his role, Clark will provide input on the certification process from a student's perspective.

Clark is currently working toward a master's degree in elementary education with a math and science emphasis. He also manages his own graphic design business, which has clients in seven states.

\$1.5 Million from Department of Energy funds Chair of Excellence in Engineering

Tennessee State University's College of Engineering and Technology has received \$1.5 million from the U.S. Department of Energy to fund a Chair of Excellence Professorship in Environmental Disciplines.

The chair is part of an initiative to provide Historically Black Colleges and Universities (HBCUs) with the faculty and resources necessary to attract valuable research contracts that might have previously been hard to obtain because the universities did not have adequate staffing to carry out the contract activities.

The chair will also help fulfill a more comprehensive goal of attracting more minorities to the engineering field. For that reason, TSU is participating in Advancing Minorities Interest in Engineering (AMIE), a partnership between HBCUs and Fortune Companies to seek incentives for increasing the number of minorities who choose engineering for their career. Currently, the U.S. population is 15 percent African American. However, only 2.6 percent of the engineering professionals in the United States are African American.

The chair professor will join the TSU faculty in the fall of 1995.

USDA supports teaching programs



Constantine Fenderson

The School of Agriculture and Home Economics has received a grant for \$175,000 from the U.S. Department of Agriculture to strengthen teaching programs in animal science and pre-veterinary medicine, with emphasis on minorities.

According to Constantine Fenderson, professor and acting head of the Agricultural Sciences Department, the funds will be used to provide scholarships to talented minority students. Seven scholarships will be offered each year to students interested in animal science and pre-veterinary medicine. African-American students with a "B" grade average in high school or a score of at least 21 on the ACT are eligible.



Saleh Zein-Sabatto

Zein-Sabatto Working on Patent for Navy Project

Saleh Zein-Sabatto, assistant professor of electrical engineering, has applied for a patent of a spherical joint, a mechanism he developed while working on a \$1.2 million project for the U.S. Navy. The joint allows robots to make two-dimensional movements. He is also working on a three-dimensional joint which would allow a robot to move more flexibly, more closely mimicking human motion. (Watch for a feature story on Dr. Zein-Sabatto's work in neural engineering in an upcoming issue of Accent.)

Carter Center of Atlanta Holds Planning Meeting on TSU Campus

The Carter Center of Atlanta, established by former President Jimmy Carter, has initiated an Interfaith Health Program. Tennessee State University recently hosted the planning meeting for the program.

The Interfaith Health Program will bring interested persons together to discuss how faith groups can become partners with health providers and social service agencies. Hopefully, collaborations between these groups will help to close the health care gap and improve the health and well-being of people in various communities.

According to former President Carter, "The religious community has the opportunity to be a key partner in revolutionary breakthroughs in health and the prevention of violence. The best opportunities are not in high-tech cures, but in new ways of preventing disease, preventing violence and promoting wholeness."

"No matter what the outcome of the debate over health care reform, there will remain a major role for people of faith. Good health is born in community and sustained by community."

JoVita Wells of TSU's Office of Sponsored Research coordinated the meeting.

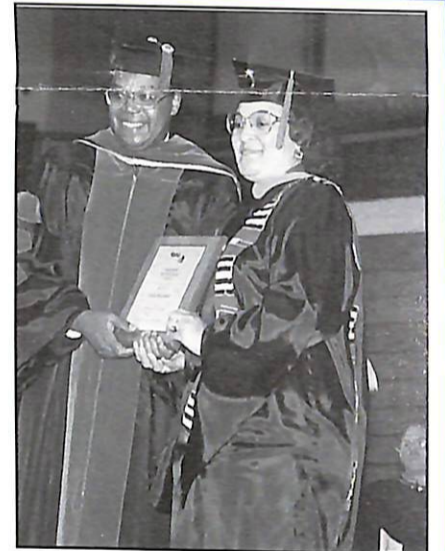
TSU Honors Outstanding Faculty

The University recognized the distinguished work of four faculty members at Summer Commencement:

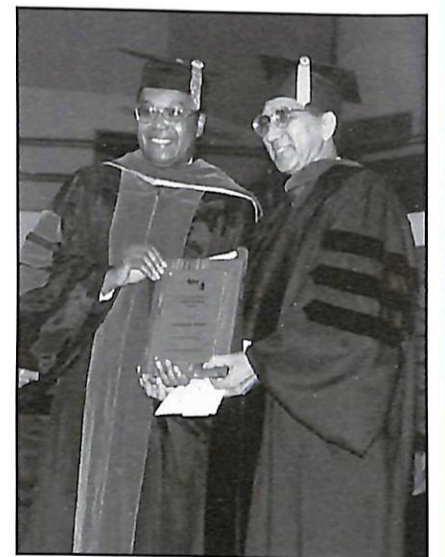
Loren B. Gaiters, assistant professor of criminal justice, was named Teacher of the Year.

Satinderpaul Devgan, professor of engineering, was presented the Outstanding Researcher Award.

Harriette Insignares, professor of communication, and **Dhananjaya Marpaka**, assistant professor of engineering, received Outstanding Teacher awards.



President Hefner presents Teacher of the Year honors to Loren Gaiters.



Satinderpaul Devgan receives his Researcher of the Year award from President Hefner.

Thomas' Book Presents New Approaches to Marital and Family Therapy

Michele Thomas, professor of psychology, published a graduate-level book on marital and family therapy, *Counseling toward Healthier Family Systems across the Lifespan*, in 1992. Because of its new approach to therapy and comprehensive nature, the book is not only being used at Tennessee State University, but also at Harvard, Yale and Pepperdine universities, the universities of Memphis, Miami and Scranton (Penn.), and Georgia College. Because of its popularity, the book, published by Macmillan, recently entered its second printing.

Thomas approaches marital and family therapy on a continuum across



Michele Thomas

a person's lifetime. Her methods recognize a variety of stages in the lives of individuals and changes in family lifestyles.

For instance, Thomas said, "People are living longer and find they have around 20 years after they launch their children and before they retire." Formerly, adults saw themselves as launching their children, then retiring, Thomas explained.

To ease individuals with the adjustment to the extended life, Thomas encourages that "married couples work on their relationship to increase their intimacy" during this time. Working on their relationship at this stage of life will serve as a "fueling station" for the couple's grown children, who may seek emotional and financial support as they launch their families.

"Most successful families can have healthy adult/adult relationships with children at this stage," said Thomas.

Another stage Thomas covers in her book is the elderly stage, beginning at age 80, where the family is typically one person — a widow or widower living alone. People at this stage are limited only by their socioeconomic level and health status. Thomas said people at this stage in life represent the greatest percentage increase in the American population. Many are active politically and in their community and travel often.

"My 88-year-old aunt is hard to keep up with!" said Thomas to illustrate her point. "She's been to China, Poland and other places. I didn't think an individual would be so active. More people are living to be 100. That used to be rare."

Thomas sums up the new family life cycle eloquently in the preface to her book: "May you be able to create and

love your own family as well as help other families to create themselves!"

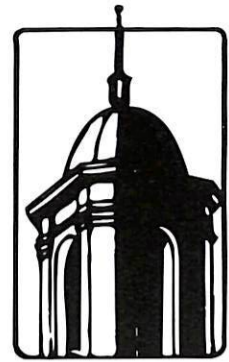
A Profile of Michele Thomas
Michele Thomas takes pride in TSU's doctoral program in counseling psychology. Last year, the competitive program accepted eight of 70 applicants. This summer, Thomas chaired the dissertation committees for three graduates.

Thomas was appointed by the Governor to serve on and chair the Tennessee Board of Examiners in Psychology, in hopes of creating a stronger network between those who license psychologists and the psychologists seeking licensure upon completing their education and other requirements.

A licensed counseling psychologist in private practice, Thomas is also a well-known scholar in her field. She has recently made presentations in Los Angeles, Lisbon and Munich.

Additionally, she has authored or co-authored a number of grant proposals, numerous manuals, and research articles for such journals as *Psychotherapy* and *The International Journal for the Advancement of Counseling*.

In addition to her professional activities and scholarly pursuits, Thomas writes from personal experience. She has been married for nearly thirty years and has three daughters.



President Hefner Receives INROADS Award

President Hefner was recently honored with the INROADS University Support Award. INROADS is a program offering training workshops, academic support and internships for outstanding minority students. TSU boasts of several INROADS scholars and assists in the program in many ways, including use of facilities for seminars.

TSU to Hold Writers' Conference

TSU will host "The Legacy of the Written Word," an interactive one-day workshop, on Thursday, October 6.

"The purpose of this workshop is to develop our ability for and appreciation and understanding of the various forms of communication through which we tell our own and each others' stories," said graduate student and author Emma Wisdom, who is coordinating plans for the workshop.

Wisdom said attendees can participate in sessions on oral storytelling, folklore, music, slave narratives, religious traditions, poetry and the written word. They can also attend readings, performances and book signings by featured writers and performers, including Eugenia Collier, Jim Byrdsong, and Marilyn and Sherman Tribble.

The College of Arts and Sciences' Writing-across-the-Curriculum program and the Department of Languages, Literature and Philosophy are co-sponsoring the conference.

Cheerleaders Win Universal's Championship

The TSU cheerleading squad recently won the Universal Cheerleader Association Camp award for outstanding leadership. The squad also received excellent and superior evaluations. Lisa Jones coaches the group. Chalonne Parrish serves as captain.

TSU Mourns Paula Dunn

Paula Dunn, instructor of Developmental Studies English, died at her home August 12 following an extended illness.

"The faculty and staff with whom Mrs. Dunn worked have lost a valued colleague and friend," said Johnanna Grimes, director of the Writing Clinic.

"To her students, she was a friend who demanded that they live up to her high expectations, but she understood their problems, fears and weaknesses."

A scholarship fund has been established for Dunn's children. Contact Helen Houston, Department of Languages, Literature and Philosophy, (615-320-3018) for details.

TSU's Dynamic Duo

She takes learning where it's probably needed most. He may have found a cure for sinus trouble. They are Leslie Drummond of the Department of Teaching and Learning and Landon Drummond of the Chemistry Department.

This summer, Leslie Drummond volunteered for Project S.E.E. (Support Education and Empowerment), which provided an urban learning laboratory to serve at-risk students of the Cumberland View Public Housing Development in North Nashville.

Drummond, who had led the project earlier, said two adjacent apartments at the development form a small school environment. Project S.E.E. offers academic enrichment projects year long.

The project allows students in Drummond's Multicultural Education program, as well as other graduate and undergraduate students, an invaluable learning experience.

"Before they graduate, they have worked with high at-risk inner-city students, so they're sensitive to their needs," said Drummond.

In addition to working with Project S.E.E., Drummond attended state and national conferences of the Association for Supervision and Curriculum

Development.

Landon Drummond's work is in high demand these days. Together with retired professor Rama Mani and former graduate student Parris Powers, Drummond researched and wrote a paper on the synthesis of flavones and flavonols to produce flavonoes. Flavonoes are believed to be anti-viral agents — a cure from some forms of sinus problems.

Drummond said he and his co-writers have completed the basic research, demonstrating the steps to produce flavonoes.

"As other professors around the world investigate our procedures, their findings will come back here," Drummond explained.

Originally published in *The Journal of the Tennessee Academy of Science*, the Drummond-Mani-Powers paper has been requested in reprint by the Universidad de la Habana, the Centre de la Recherche Scientifique Institut de Chimie des Substances Naturelles and the University of Scranton.



Leslie Drummond actively participates in bringing enrichment programs to inner-city students.



Landon Drummond may have found the cure for the virus causing some types of sinus problems.

Tennessee State Teams with Lipscomb Clinic for Sports Medicine Programs

About two years ago, Jack Redgren, director of the Sports Therapy Center at Saint Thomas Hospital's Lipscomb Clinic, and his colleagues decided to boost TSU's athletic training resources.

So with the help of football team physicians Allen Anderson and Robert Snyder, TSU received a three-year, \$180,000 grant from the Lipscomb Clinic. The \$60,000 TSU receives every year has helped the Athletic Department secure sophisticated equipment.

The assistance from the Lipscomb Clinic has aided the University in installing a new CYBEX machine, an isokinetic machine used to test an athlete's strength, particularly in rehabilitation following an injury or operation.

The \$180,000 grant also funds the salary of one full-time trainer and one or two graduate assistants.

"These [trainer positions] are all traditional positions, especially at 1-A schools, to provide scholarships for student athletic trainers," said Redgren.

This year, the program allows for four \$1,000 scholarships for student trainers.

Obviously, the new staff members and new equipment have brought welcome improvements to TSU's training and sports medicine facilities. But the addition of academic opportunities for TSU students brings another exciting component to the TSU-Lipscomb relationship.

This fall, Tom Bossung, TSU's head trainer, is team-teaching the course "Athletics Injuries and Prevention" with a physical therapist from the Lipscomb Clinic. The University will offer the intermediate-level course on that subject in Spring 1995.

"This can only grow," said Wayne Bell, athletics compliance coordinator and the liaison between St. Thomas and



Trainer Tom Bossung (left) tests student trainer Miya Sullivan's injured knee to see how it compares with how her other knee functions.

the University. "We hope to develop a curriculum and concentration in sports medicine."

"One of the big demands in the field is for qualified minority students," said Redgren. He explained that with the new courses and hands-on opportunities, TSU students will now be able to receive the required training for taking the certification exam.

Not only do athletes at the college level need medical attention so they can compete, but high school athletics also demonstrates a bigger need for trainer services. Redgren said that in certain states — Texas, Florida, Illinois and

Georgia, for example — a trainer in sports medicine is recognized as a faculty member.

"We would like to see it happen more and more," said Redgren, who hopes Tennessee high schools will begin considering this increasingly important position when making budgetary decisions.

And with the support of St. Thomas/Lipscomb, TSU can provide qualified trainers to fill positions in a growing market.

TSU Trains Tennessean Staff

The Center for Extended Education and Public Service recently completed an extensive training program with employees of *The Tennessean*, Nashville's daily morning newspaper.

Approximately 1,000 employees participated in sessions on topics related to current trends in the workplace: substance abuse, sexual harassment, time management, dealing with difficult people, diversity, and the Americans with Disabilities Act.

For the *Tennessean* training, the Center used the expertise of several faculty and staff members in the College of Business, and invited faculty from the School of Nursing to conduct AIDS awareness workshops. The Alcohol and Drug Council also assisted with sessions.

TSU was "hired" for the job after *The Tennessean's* publisher and president attended a meeting on campus and called the center to ask for help in providing a series of courses for *Tennessean* employees.

Max Young, director of continuing education, said, "We cater to whatever people need and find the expertise necessary."

Young said the center is developing a generic catalog of suggested professional development courses, to be held on site at any company or organization. For instance, the University can offer basic computer classes by carrying laptop computers with them to wherever employees need to be trained.

For more information on professional development programs, contact Young at the Avon Williams campus at 963-7001.

H O M E C O M I N G H I G H L I G H T S

Homecoming Honoree:
Dr. Robert Hudson

Homecoming Grand Marshall:
Ed "Too Tall" Jones

Homecoming '94: September 25-October 1 TSU: A Living Legacy Soaring into the 21st Century

Following is a schedule of just some of the events planned for Homecoming week. For a complete schedule, which includes office and departmental events, contact Alumni Relations (615-320-3326).

Sunday, September 25

3:00 p.m. Robert N. Murrell Oratorical Forum/Floyd-Payne Campus Center

9:00 p.m. Bonfire and Fireworks Display - Gentry Center Parking Lot

Monday, September 26

7:00 p.m. Battle of the Dorms (Talent Show) - Kean Hall Gym

Tuesday, September 27

6:00 p.m. Career Fair Banquet - Kean Hall

8:00 p.m. Drive-in Movie - Eppse Hall Parking Lot

Wednesday, September 28

9:00 a.m. Career Fair - Kean Hall

Noon Student Tiger Festival - Music Building, south side

4:00 p.m. Miss TSU Tea, hosted by Mrs. Edwina Hefner

7:00 p.m. Mr. TSU Pageant - Administration Building Aud.

Thursday, September 29

6:30 p.m. Distinguished Alumni Seminar - Forum/Floyd-Payne Campus Center

7:30 p.m. Coronation of Miss TSU - Kean Hall

Friday, September 30

11:00 a.m. Nashville Alumni Chapter Fish Fry - Learning Resources Center

Noon Student Pep Rally - The Plaza

4:00 p.m. Distinguished Lecture Series/College of Engineering - Forum/Floyd-Payne Campus Center

5:00 p.m. Reception for Honoree & Grand Marshall - Vanderbilt Plaza Hotel

6:00 p.m. First Annual Samuel R. Whitmon Seminar - McCord Hall

7:00 p.m. Celebrity Waiters Gala/Hall of Fame Induction - Vanderbilt Plaza Hotel

Saturday, October 1

9:00 a.m. Homecoming Parade - 21st and Jefferson to Main Campus

3:00 p.m. Homecoming Tailgate - Vanderbilt Stadium Parking Lot

6:00 p.m. Homecoming Football Game (TSU vs. FAMU) - Vanderbilt Stadium

10:00 p.m. Homecoming Victory Dance - Vanderbilt Plaza Hotel

Running Toward 2000:

TSU's Librarians are Conductors of High Technology



TSU librarians have been training on the Internet to strengthen their skills as information brokers. Pictured are: Row 1 — Helen Chen and Sharon Hull; Row 2 — Fletcher Moon, Anita Etheridge, Yildiz Binkley and Barbara VanHooser; Row 3 — Estella Whitaker and Merle Kennerson. Charlie Wrenn and Mai Lin are also participating in the project.

Chances are that by the year 2000, the Tennessee State University Library as we know it will have changed drastically.

For starters, library users will go to their computers and modems and not necessarily the Brown-Daniel facility to reach the pulse of academic research. Instead of photocopying information for research, users will be able to download full texts, first in the library as we now know it, but eventually from the convenience of home or office.

To get information, users will simply send a computer message to the library. Then staff, who may operate out of their homes, will locate the citation in a national or international database, download the article and send it to the user.

If the scenarios above sound faraway, get ready. Fasten your mental seat belts for a first-class ride on the information superhighway.

Senator Paul Simon (D-Ill.) recently stated in a hearing that libraries can provide access, education and training, navigation, archiving and cataloging information on the superhighway in a unique way. He said librarians are change-agents, who can manage information and make it accessible to users.

"Some call us information brokers," said Yildiz Binkley, director of the TSU Library.

"We are using information technology and teaching its use to our students, faculty, staff and community at large. We are constantly on the lookout for innovations in information technology and finding creative ways to acquire it or finding ways to share it with other librarians at a lower cost."

Binkley and her staff have been participating in a key project toward that

initiative. TSU has joined forces with other Tennessee Board of Regents institutions to train school librarians on the Internet and supply them with a workstation to use at their schools. This Tennessee Education Network (TEN) is funded through a \$7 million provision from Tennessee Information Systems Council and the Tennessee Department of Education. Additionally, Binkley hopes to offer Internet access to TSU students.

"At TSU our goal in the very near future is to provide at least 15 workstations for students to communicate with the Academic Computing Center and access Internet," said Binkley. She said that 85 percent of the library staff has a working knowledge of the Internet and is capable of training students, faculty, staff or any library user who would benefit from the system.

Binkley adds that the automation and quick delivery of information will benefit the fast-changing composition of the student body.

"More and more adults are going back to school," she said. "These are non-traditional students who are also parents, breadwinners, and so forth. They do not have time to waste. They need to be able to come to the library, locate the information, either download it to their diskettes, print it, copy it and leave. They want quick and efficient service."

Of course, all users will benefit from improved and expanded services TSU librarians can provide. Librarians are no longer "keepers of books;" they are conductors of high-tech information. And don't worry. These technology brokers don't mind if you push the speed limit on the information superhighway.

News from the Tennessee Board of Regents

Good news for Honors Students.

The Tennessee Board of Regents has approved a waiver of out-of-state fees for Honors Students. Students with a "B" average or an ACT score of at least 21 are eligible to enroll at Tennessee State University as Honors Students.

\$7 million earmarked for network.

TBR institutions, in a partnership with the Tennessee Department of Education and other institutions, are participating in a \$7 million project to begin a Tennessee Education Network (TEN). The initiative will help increase the use of Internet telecommunications in area school districts. (See "Running Toward 2000" at left for more details.)

New guidelines set for licensing elementary school teachers.

As of September 1, students at Tennessee State University and throughout the state must declare a major in a liberal arts area along with taking the required education courses to be licensed by the state as elementary school teachers. These new requirements came about as a mandate by the State Board of Education for all of the state's universities in an effort to better prepare elementary teachers for the jobs they do. (See "What's New at TSU," page 3, for more details.)

McWherter names three to Board of Regents.

Governor Ned McWherter has appointed Maxine Smith of Memphis, Debora Seivers of Marshall County and Stanley Rogers of Manchester to the Tennessee Board of Regents.

Smith is an influential Memphis educator and civil rights leader. A former college French instructor, she has served as president of the Memphis Board of Education and has been executive secretary for the Memphis NAACP since 1962.

Seivers recently left her position as executive assistant to the governor to pursue private business interests.

Rogers has practiced law for 30 years and formerly chaired the Appellate Court Nominating Committee. He also served in the Tennessee House of representatives.

TBR names new vice-chancellor for information technologies.

To lead efforts to maximize the use of technology within the TBR system and on all of its campuses, Chancellor Charles Smith has named Jacqueline Shrago vice-chancellor for information technologies.

Shrago, former director of Vanderbilt University's Office of Technology Transfer, will be responsible for creating and implementing the TBR's plan for increasing the use of technology in higher education.

"Lifelong learning and making the best use of technology are critical elements for students in the TBR institutions," Shrago said. "I look forward to contributing my talents to furthering these goals and assisting all Tennessee students in achieving success through their coursework and ultimately in obtaining jobs that are competitive in the 21st century."

A major focus of Shrago's office will be the initiative that will link all K-12 public school educators through TBR's computer network. (See related story, "Running Toward 2000," at left.)

Nursery research station officially named for Dr. Floyd.

The Tennessee Board of Regents has officially approved the naming of TSU's \$3.4 million research facility in McMinnville the Otis L. Floyd Nursery Crops Research Station. Pictured below are TBR Chancellor Charles Smith, Mrs. Otis L. Floyd, and TSU President James Hefner at the groundbreaking, held last spring.



1994 TSU Football Outlook



Linebacker Thomas Jackson (53) stops the Murray State drive. He is one of 18 starters returning for the Tigers this season.

Expectations run high this year at TSU as head coach Bill Davis and his staff usher in the 1994 football season. The Tigers are returning 37 of 50 lettermen and 18 of 24 starters from last year's squad, which finished 4-7 overall, 4-4 in the Ohio Valley Conference. However, of the seven losses, six came by eight points or less.

Offensively, the Tigers had the OVC's top passing offense last season, averaging 224.2 yards per game. Most of the key players in TSU's aerial attack return, including 18 lettermen and nine starters. Junior Daryl Williams and red-shirt freshman Robey Williams will manage quarterback duties this season.

Darryl Williams, who earned All-OVC second team honors last year, completed 143 of 249 passes for 1,813 yards and 14 touchdowns. He was also the team's second leading rusher with 319 yards and one touchdown.

TSU also managed an impressive running attack last year, averaging 149.2 yards per game. The center of the rushing attack is three-year letterman Darron Davis, who needs only 231 more yards to become the school's all-time leading rusher. He enters this season with 1,743 career rushing yards. Lamar Wallace and Morris Jamison will compete for the starting nod at fullback.

Another hot commodity for the Tigers is the wide receiver position. Lawrence Segree, Clarence Jones, Rommie Vasser and William Jenkins are all threats. Segree, an All-OVC first-team selection last year, set a TSU single-season record with 65 catches (870 yards/five touchdowns) in 1993. Jones caught 44 passes for 756 yards and six touchdowns.

The offensive line can provide strength for TSU this year. The Tigers return four starters on the line: guard Royce McGowan, center Courtney Hammock, guard Dorian Clark and tackle Dan Pride. Tackle Trevelle Marable,

who sat out last season, and guard Terry Dixon will also compete for starting time.

On defense, 17 of 24 lettermen and seven starters return from a defensive unit which was second in the OVC in total defense, allowing 325.5 yards per game. The line will be led by tackles Jim Lackey and Keith Collins. Fred Williams, Darryle Rogers and James Johnson are the mainstays at defensive end. Lackey begins this season as a pre-season All-OVC selection. He registered 60 tackles, seven tackles for loss and three sacks last year. Collins recorded 42 tackles.

Coach Davis hopes to see continued improvement in the linebacker slot. Thomas Jackson and Richard Freeman return as starters.

The secondary was hit hardest with graduation losses, losing cornerback Randy Fuller and free safety Brent Alexander to the NFL. Cornerback Cedric Davis and strong safety Nate Wellington return as starters. Davis is ranked as one of the top cornerbacks in the nation by *The Sporting News*. Lamar Barker, Victor Bonds and Darrell Williams, who is making the switch from tailback, will also compete for starting time.

Placekicker Brian Pruitt returns for his third season with the Tigers. He was 19 of 25 in extra points and three of five in field goal attempts last year. He could also see action at punter this year. Clifford Green handled the punting duties last season as a freshman, averaging 36 yards per punt. He will also compete for playing time at cornerback.

Overall, the key for success in 1994 depends on the team's ability to believe in itself. Although there remain several questions about overall team depth, this year's squad has the ability to give TSU its first-ever OVC football crown.

Tennessee State University
College of Arts and Sciences
and the Department of Social Work and Sociology
present the

Edward S. Temple Seminars: Society and Sports

*"Sportsmanship and Youth:
Issues of Equity, Wellness and Personal Development"*

October 14, 1994 (8:00 a.m. until 4:30 p.m.)
October 15, 1994 (8:00 a.m. until 12:30 p.m.)
Gentry Center Complex

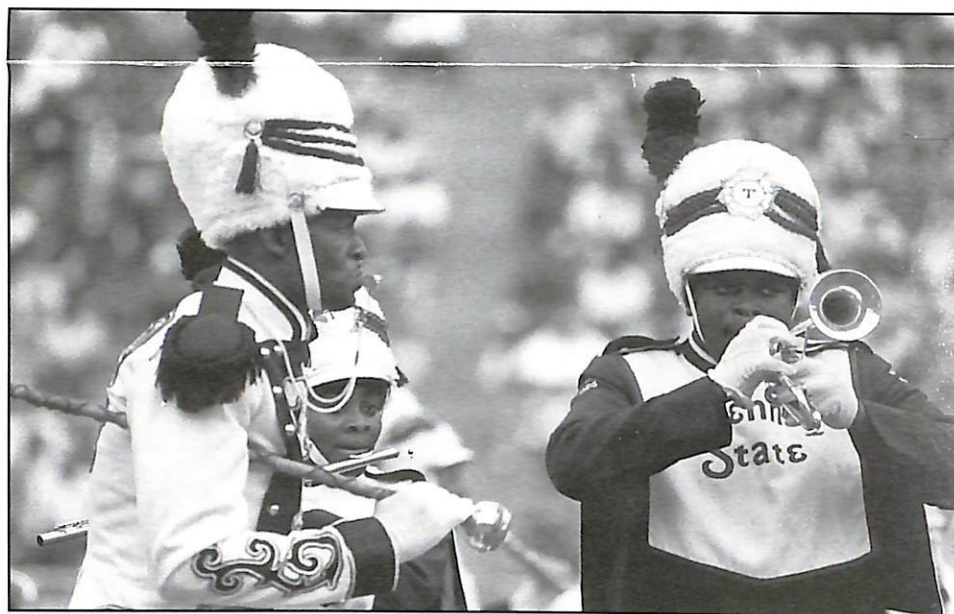
And the Band Played on!

Picture this. It is 1955.* The TSU Band plays at halftime for a Chicago Bears/L.A. Rams game. The marching sensations from Nashville are the first black university band invited to perform on TV.

Now picture this, sitting inside your cool office, hoping you don't have to go outside and face the dog-day heat unless you can help it — or sitting in the stands wishing fall weather were here. It is 1963.* The TSU band is scheduled to play for the NFL Championship game, the Chicago Bears vs. the New York Giants. Trouble is, it's so cold, all the instruments have frozen!

This time of year, you can hear Ed "Prof" Graves yelling out drill instructions. You can hear the trumpets sounding and the tubas blowing — all this to get ready for a brilliant Saturday afternoon game, as the band marches to perfection and TSU team turns red hot against MTSU and its other OVC opponents.

*Source: Channel 22, Cookeville, Tenn.



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