



Place  
Stamp  
Here

**TSU CoETCS Alumni Endowment  
TSU Foundation  
c/o Goodwill Manor  
Box 9542  
3500 John A. Merritt Blvd  
Nashville, TN 37209**

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Separate Here and Mail Completed Form to Tennessee State University Engineering Alumni Endowment  
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**TSU College of Engineering, Technology and Computer Science**



As Dean of the Tennessee State University College of Engineering, Technology and Computer Science (CoETCS), I have made it a priority to reconnect with our alumni and friends. In 2006, the alumni have taken an aggressive step in establishing an endowment for the College of Engineering, Technology and Computer Science by first giving over **\$100,000**. Their motto is **“Build the Endowment, Secure the Future...For the TSU College of Engineering, Technology and Computer Science”**. It is the goal of the CoETCS Alumni to build a **\$50 million dollar** endowment to ‘perpetually’ award over **100 full-time scholarships per year** to deserving minority and women students. We have commissioned the staff of the CoETCS to meet alumni and to engage them in the life of the College. The response has been encouraging. Private financial support of the CoETCS is necessary and increasing, as more alumni become engaged, and this is having a real impact on the students and the greater university community. I am confident that with the help of the alumni, supporters, and friends, we will **“Build the Endowment, and Secure the Future”** for the Tennessee State University CoETCS. I am confident that we can continue to advance the College and create a world-class opportunities for our students. Please join us as we work to move the CoETCS to “higher heights”.

- Dr. S. Keith Hargrove



**Your gift makes a world of difference to the college and its students**

In his vision for the Tennessee State University (TSU) College of Engineering, Technology and Computer Science (CoETCS), Dr. S. Keith Hargrove, Dean of the college, calls upon students to become more than tomorrow’s engineers and technologists. He challenges them to become tomorrow’s leaders, responsive to the growing and changing needs of a global society. He also challenges the alumni to support the college, which enabled them to become the leaders they are.

CoETCS give students the practical, as well as, the cutting-edge technical education they need. The richly and culturally diverse academic climate created by Tennessee State University’s broad spectrum of professional colleges, schools, programs, and learning experiences enhances their education with awareness of the societal contexts in which they will practice. The CoETCS prepares its students to fulfill the university’s motto: “Think, Work, Serve”. CoETCS students graduate to become leaders who are prepared to use their skills and knowledge in a wide range of careers that goes beyond the purely technical to business, law, military, research, aerospace, and more.



The CoETCS is now primed to take a bold step forward in the quality and relevance of engineering, technology and computer science education. The support of alumni, parents, supporters, and friends is a key factor in fulfilling the college's mission of preparing today's students to make a real difference in the world and in securing the college's place in national rankings. Your support is crucial.

### Your gifts help the CoETCS in many ways

- Ensuring our role in maintaining Tennessee State University's position as a leading research institution;
- Building the scholarship endowment to recruit top students;
- Recruiting and retaining world-class faculty;
- Enhancing research opportunities for graduate and undergraduate students; and
- Maintaining laboratories and classrooms in a state-of-the-art learning environment

Dean Hargrove envisions the college positioned among the top 50 public schools of engineering, technology and computer science in the world, with a reputation of taking students from diverse backgrounds and producing a special breed of "TSU Engineers" and "TSU Computer Scientists". With your help, we can reach that goal

### Here are the vital statistics for why you should give to this critical endowment

"Academics, business leaders, and policymakers have all issued the warning: **The United States is facing an imminent workforce shortage in science, technology, engineering, and mathematics (STEM) that threatens the country's economic competitiveness in the global marketplace.**" *American Institutes of Biological Science, March 2006*

"STEM employment will grow three times faster than employment in other fields, with the total number of STEM jobs increasing by 47 percent

between 2000 and 2010." *U.S. Bureau of Labor and Statistics*

"From 1994 through 2003, the number of STEM degrees earned failed to keep pace—by 22 percent—with the national average increase in all degrees earned, a possible early indicator of future STEM labor shortages" *Government Accountability Office*

The National Academies recently issued *Rising above the Gathering Storm*, a report detailing 20 priorities for protecting US competitiveness. Among the recommendations: **a call to "develop, recruit, and retain the best and the brightest students, scientists, and engineers" by increasing the number and proportion of US citizens who earn STEM degrees and enter the STEM workforce.**

In November 2005, House Minority Leader Nancy Pelosi (D-CA) unveiled the Democrats' Innovation Agenda, which calls for **"100,000 new scientists, mathematicians, and engineers to [be added to] America's workforce in the next four years."**

"In 1997, Underrepresented Minorities (URM) comprised just **over 6%** of the general STEM workforce and **only 4.6%** of the STEM workforce with doctoral degrees, compared to nearly **80% for White men.**" Among STEM-related doctorates awarded in 2004, only 746 went to underrepresented minorities - African Americans, Hispanics and Native Americans - or **just 2.8 percent of the total.** The gender imbalance in science and engineering also remains a chronic issue. **Five out of six engineering students and nine out of 10 engineering professors are male**" *American Association for the Advancement of Science.*

### The TSU CoETCS is.....

- **# 1** in the percentage of Engineering Bachelor's Degrees awarded to African American Women in the U.S. in 2005.
- **# 3** in the percentage of Engineering Bachelor's Degrees awarded to all Women in the U.S. in 2005.
- **# 4** producer of all African-American Engineering graduates in the U.S., in 2005.
- CoETCS goal is to become the #1 producer of Underrepresented Minority (URM) engineering graduates in the U.S.

Separate Here and Mail Completed Form to Tennessee State University Engineering Alumni Endowment

**Yes! I'll Give to  
"Build the Endowment  
and Secure the Future"  
for the**



**Tennessee State  
University**  
College of Engineering,  
Technology and Computer  
Science

In the **annual gift** amount of:

- \$100     \$250     \$500  
 \$750     \$1,000     \$5,000  
 \$25,000     \$100,000  
 Other \_\_\_\_\_

Or in the **one-time gift** amount of:

- \$100,000     \$500,000     \$1M  
 \$5M     \$10M     Other \_\_\_\_\_

Form of payment

- Check payable to: **"TSU Foundation-  
CoETCS Alumni Endowment"**  
 Visa     MasterCard

Card # \_\_\_\_\_

Expiration Date \_\_\_\_\_

Name on Card \_\_\_\_\_

Signature \_\_\_\_\_

- Corporate matching gift is enclosed.  
 Please send me more information on the TSU CoETCS and the Alumni Endowment.  
 Yes, I have included the TSU CoETCS Alumni Endowment in my will, trust and estate plans.

**For more information, go to  
[www.tsuengralumni.org/endowment](http://www.tsuengralumni.org/endowment)  
or call:**

**770-426-6788 or 615-963-5481**