Meet the New University of Tennessee President!

Dr. Joe DiPietro was elected the 24th president of the University of Tennessee by the Board of Trustees on October 22, 2010. He officially took over the position from Interim President Jan Simek on January 1, 2011.

DiPietro is enthusiastic about the future of the university and has already established a number of long-term goals. “First of all, I want to maintain the current system that was set up under Dr. Simek prior to my coming into office,” DiPietro said. “The chancellors should have the operational duties for their individual campuses. We’ve found that this works better long-term for everyone. Secondly, I want to make sure that we do an in-depth analysis for each unit, to make sure we are working to meet the goals that have been established. Thirdly, we want to garner additional resources as the economy continues to improve. I’m particularly concerned with compensation issues, since we are falling behind our peer institutions with what we pay our faculty and staff. We’ve set up a five-year plan with the Compensation Advisory Board (CAB) to review these issues.”

DiPietro comes into the president’s office after one

UT and COE Host National TLSAMP Research Conference

The University of Tennessee was host to the 8th Annual Tennessee Louis Stokes Alliance for Minority Participation (TLSAMP) Research Conference on November 4 and 5, 2010. The national event included over 270 attendees, including students from TLSAMP’s participating educational institutions: Tennessee State University, The University of Tennessee-Knoxville, Middle Tennessee State University, the University of Memphis, LeMoyne-Owen College and Vanderbilt University.

The conference began with a networking reception and poster presentation at the Women’s Basketball Hall of Fame on Thursday evening. On Friday, November 5, plenary sessions, oral presentations and breakout sessions took place at the Carolyn P. Brown University Center’s Volunteer Ballroom on campus.

Dr. A. James Hicks, director of the national Louis Stokes Alliance for Minority Participation (LSAMP) and an executive with the National Science Foundation (NSF), which provides funding for TLSAMP, was the keynote speaker for the Friday morning session. Dr. Tyrone B. Hayes, a professor in the Department of Integrative Biology at the University of California, Berkeley, was the keynote speaker for the closing luncheon.

Additional speakers and breakout session leaders included Dr. Wesley Hines, Interim Vice Chancellor for Research; Dr. Lonnie Sharpe, TLSAMP Executive Director; Dr. Carolyn Hodges, Vice Provost and Dean of the Graduate School at UTK; Dr. Christine Boake, Associate Dean of the College of Arts and Sciences; and Dr. Wayne Davis, Dean of the College of Engineering.

Conference survey results on the event were very positive, and included these comments: “UTK was a great host!” “Thoroughly enjoyed the networking session. Vendors had a wealth of information that is vital to my post-bachelor’s degree.” “A really fun and beneficial conference!”

Travis Griffin, director of the college’s Engineering Diversity Programs (EDP), was happy with the outcome of the event. “I was very pleased with this year’s conference, especially the closing keynote speaker’s presentation,” Griffin said. “Dr. Hayes’ comments captured the audience’s attention and got the students excited about undergraduate research and how it can lead to outstanding breakthroughs.”

The goal of the TLSAMP program is to increase the enrollment and graduate rate of underrepresented ethnic minority students (Hispanic, African-American, American-Indian, Alaskan Native and Pacific Islander) in science, technology, engineering and mathematics (STEM) by at least 100% at the end of a five-year funding period by NSF. The TLSAMP represents one of 41 such programs sponsored by the NSF.

For more information on TLSAMP or the college’s EDP programs, visit http://www.engr.utk.edu/diversity/.

Continued on page 2
Meet the New President
continued from page 1

From the Dean’s Desk

As I drive in to work each morning, I usually get a good dose of bluegrass music on XM radio to start my day off! Yes, I am a bluegrass fan and play guitar and mandolin and a little bit to keep my feet on the ground. One of the expressions often heard on XM14 is, “Be sure to you know where you came from, and look out where you’re going.” Another way of saying this is “look back, but move forward.”

Our college has a great history, with its beginnings in 1838 when the university’s then-President Joseph Eustis hired a group of distinguished professors to teach STEM courses in chemistry, geology, mineralogy, trigonometry and civil engineering—and we have come a long way. At latest count we have approximately 3,250 students in the college today—approximately 12% of the UT Knoxville enrollment—and we have 23,000 alumni located in all 50 states and 64 different countries. Our enrollment in the Freshman Engage program and our Ph.D. programs grew by 30% and 29%, respectively, this year, and at least I can tell from our historical data, we are at an all time high enrollment.

Another thing that I learned as a bluegrass picker is that you can never go back—if you make a mistake while picking a tune with a group, you just have to go on as the rest of the group will carry you forward. Engineering teamwork is very much that way. Our college continues to make major steps forward in the number and quality of students that we are able to educate because the faculty, staff and the administration act as a team. If someone makes a mistake, we hopefully continue to move forward as a team. We teach the team approach all the way from our Freshman Engage program to the research laboratories where our faculty/students team to conduct state-of-the-art research. You (our alumni and friends) are also an integral part of our team. You and the many alumni who came before you have collectively created scholarships, provided opportunity for student, faculty and staff awards, created professorships and provided funds that have assisted us with new buildings and renovations that are all critical to our moving forward.

I have never been prouder of being a part of the engineering team than I am today, and I hope that each of you feels the same as you browse our newsletter that highlights many of the great things that are happening. Let us hear you from near and far with the accomplishments that you have made in helping to make a positive impact on the world.

Wayne DiPietro

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Dr. Qiuhong Zhao

Dr. Haitao Liao

Dr. Guangxi Zhu

Dr. William Weber

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The project title is “Assuring a Future US-based Nuclear Chemistry Expertise,” and will examine supply and demand for nuclear chemistry expertise in the U.S. compared with the production of experts with these skills. The project will last 18 months.

The National Academies organization produces reports that have helped shape sound policies, offered public opinion and advance the pursuit of science, engineering and medicine.

Dr. Howard Hall

Governor’s Chair Professor to Serve on National Academies Committee

Dr. Haitao Liao wins the 2010 William A. J. Golomski Award

Dr. Howard Hall, Governor’s Chair Professor for Nuclear Security in the Department of Nuclear Engineering, has been asked to serve on a committee for The National Academies Advisers to the Nation on Science, Engineering and Medicine.

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Dr. Haitao Liao wins the 2010 William A. J. Golomski Award

Dr. Haitao Liao, a joint assistant professor in the Department of Nuclear Engineering and the Department of Industrial and Information Engineering, recently received the 2010 William A.J. Golomski Award for his outstanding paper, “Spare Part Inventory Control Driven by Condition-Based Maintenance,” in the proceedings of the 2010 Annual Reliability and Maintainability Symposium (RAMS). This award honors an outstanding RAMS paper authored or coauthored by a member of the Institute of Industrial Engineering (IE). Liao was recognized at the 2011 RAMS in Lake Buena Vista, Fla. from Jan. 24-27.

Zhao leads the Steel Structure Group, a research group of CEE students interested in steel and composite structures. Together, Zhao and her research group have published five journal papers on the topic of stability of steel girders under construction in the past two years.

Governor’s Chair Elected Fellow of American Physical Society

Dr. William Weber, Governor’s Chair professor in the Department of Materials Science and Engineering, was elected a fellow of the American Physical Society (APS) in December of 2010.

Weber was nominated for his seminal contributions and scientific leadership in the materials physics of defects, defect processes, solid-state interactions and radiation damage processes in ceramics. He was nominated through the Division of Materials Physics. Weber was named the eighth University of Tennessee-Oak Ridge National Laboratory Governor’s Chair for Radiation Effects on Materials in March 2010.
In the classroom, Cherry teaches his students that transportation systems are always changing. “I hope that my students will understand that we don’t have all the answers,” Cherry said. “Even if what we know is printed in a textbook or manual, that doesn’t make it the final word.” One transportation system is dynamic and constantly evolving because people are participating. As such, what we thought about transportation a few years ago might not be the complete picture today. We need to always keep learning.

“Dr. Chris Cherry represents the vision of the current faculty and the leadership of the Department of Civil and Environmental Engineering,” said Dr. Dipankar Penimudali, CEE Department Head. “CEE faculty dedicate themselves to solve complex interdisciplinary problems of international significance, create new knowledge, effectively integrate research into teaching, strive to become a true teacher-scholar with high integrity, and inspire young minds at the university to be life-long learners to make a difference to this community and the great state of Tennessee.”

Cherry received the 2009 Faculty Environmental Leadership Award designed to recognize demonstration of strong and continuing commitment to environmental stewardship on campus. For Cherry, the award reflected his commitment to advancing sustainability education and research.

Cherry’s passion in research and education stems from the impact transportation has on the entire world. “Transportation is often on the cover of every newspaper, and it impacts everyone’s life,” Cherry said. “It is a topic where we can make a tangible difference in society, for better or worse.”

Outside the classroom, Cherry enjoys fishing, trout fishing, snowboarding and camping with his wife, Julie, and his daughters, Ariah (6) and Kylie (4). To read Cherry’s research article, please visit www.nctr.net/access-access.html.
Area High School Students Participate in Engineers Day 2010

Entrepreneurial presentations and creating their own (iPhone app, product mockup) or attending 10 filing papers for a patent, to creating a product engineering and business,” Martin commented. “Industrial engineering is the bridge between marketplace, and so forth.”

More than 150 COE faculty, staff, students, donors and scholarship recipients came over lunch. Dr. Masoud Parang, Associate Dean of Engineering Academic and Student Affairs, “As part of our Engineers Day exhibits, students had the opportunity to view the various so the students are working at the 2010 Robotics and Civil and Environmental Engineering at UT, was the keynote speaker for the event. Qualls, a registered professional engineer, works for the Tennessee Department of Transportation in the construction division. She is a registered professional engineer, works for the Tennessee Department of Transportation in the construction division. She is largely involved in the oversight of several road and bridge projects in East Tennessee and officially took over the SmartTDM project to build Hall of Fame Drive and reconfigure James White Parkway. Qualls oversees roadway projects in Oak Ridge, on Lovell Road, Pleasant Ridge Road and Western Avenue.

The College of Engineering would like to thank all the students, sponsors, judges and organizations that made Engineers Day 2010 so successful. Engineers Day 2011 will be held on Thursday, Oct. 27.

Industrial Engineering continued from page 5 tools of the trade—how you incorporate, protect intellectual property, manage your financial resources, determine the size of a market, take a idea to the marketplace, and so forth.”

Specific skills included in the program are methods for innovative thinking, brainstorming, idea protection (how to file a provisional patent and a trademark), how to incorporate a company and what form it should take, how to identify and find key resources (financial as well as personal) and how to write a specification/finding proposal/business plan. The program’s mission is to prepare students for a career as a research assistant.

The College of Engineering (COE) held its 2010 Student and Donor Appreciation Luncheon on Thursday, Sept. 23 in the University Center Ballrooms.

more advantageous in the professional world.

Dr. Martin has been a valuable resource and a mentor for many area entrepreneurs. “Dr. Martin has been a valuable resource and a mentor for many area entrepreneurs,” Martin commented. “He allowed Kalle’s and I to practice our presentation and to get valuable feedback from students and others every step of the way concerning Web site add-ons that would make the user experience more enjoyable. Because of this, they plan to build their database of innovations and student housing. Their growth momentum established as an annual opportunity to recognize outstanding students in the technical and business sides, which is always helpful in creating and growing an Internet start-up company.”

The College of Engineering’s Entrepreneurship Program. He is a holder of 20 patents, two awards from the U.S. government and three from multinational companies. Dr. Masoud Parang, Associate Dean of Engineering Academic and Student Affairs, works for the Tennessee Department of Transportation in the construction division. She is largely involved in the oversight of several road and bridge projects in East Tennessee and officially took over the SmartTDM project to build Hall of Fame Drive and reconfigure James White Parkway. Qualls oversees roadway projects in Oak Ridge, on Lovell Road, Pleasant Ridge Road and Western Avenue.

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The experimental program to Stimulate Competitive Research (EPSCoR) program was established in the 1990s. The mission of EPSCoR is to assist the National Science Foundation (NSF) in its efforts to strengthen research and education in scientific and engineering disciplines throughout the United States. EPSCoR's goals are to provide strategic programs and opportunities for EPSCoR participants that stimulate significant improvements in their research and development capacity and competitiveness and to advance science and engineering capabilities in EPSCoR jurisdictions for discovery, innovation and overall knowledge-based prosperity.

EPSCoR districts are defined as states that receive less than 7.5% of federal research funding. Tennessee was designated as one of five EPSCoR districts four years ago. This designation means that both public and private universities within the district can compete for federal grants. However, the educational institutions must compete as a statewide block for the funding.

In October of 2010, the Tennessee State EPSCoR partnership officially received a grant for a proposal submitted by the University of Tennessee Knoxville, the Tennessee Board of Regents System, Vanderbilt University and the Tennessee Independent Colleges and Universities Board (TICUB). The overall goal of the proposal is to improve the competitive standing of Tennessee's Technical colleges by enhancing the educational and training opportunities generally available to Tennessee's Technical college students.

Titled "Tennessee Solar Research and Storage using Outreach, Research and Education (TN-SCORE)," the proposal focused on outreach and education for TN-SCORE students. The total amount of money allocated to the project through EPSCoR was $20 million, $10 million of which was designated for the University of Tennessee, Knoxville. A total of 7 institutions applied for the grant and the seven received the funding, which will be spread out over a time period of five years. The State Economic Development Committee (SEDC) of the University of Tennessee, Knoxville, has overseen the project and the grant since received the funding, which will be spread out over a time period of five years. The State Economic Development Committee (SEDC) of the University of Tennessee, Knoxville, has overseen the project and the grant since received the funding, which will be spread out over a time period of five years. The State Economic Development Committee (SEDC) of the University of Tennessee, Knoxville, has overseen the project and the grant since received the funding, which will be spread out over a time period of five years.

The proposal was separated into three main scientific thrusts:

Thrust 1: Advanced Solar Conversion and Energy Storage, focusing mainly on the development of high efficiency, high-power solar energy conversion technologies. This thrust is led by Professor David Millhorn, the Executive Vice President and Vice Chancellor for Research and Economic Development at UT Knoxville.

Thrust 2: Components and Devices for Energy Storage and Conversion, focusing mainly on the development of primary technologies, electronic-mechanical storage (batteries, supercapacitors), and conversion (fuel cells) devices, to address critical areas of national interest and need.

Thrust 3: Nanotechnologies for Enhancing Energy Efficiency, encompassing the development and use of nanomaterials to synthesize, fabricate, characterize and implement nanomaterials with the aim of enhancing energy efficiency in solid state lighting and solar energy conversion.

The University of Tennessee, Knoxville, has a long history of participating in EPSCoR programs. The university has received funding from EPSCoR in the past, and is currently working on several projects in collaboration with other universities and organizations to advance energy research and technology in Tennessee.

The Tennessee Solar Research and Storage using Outreach, Research and Education (TN-SCORE) program is a key component of the University of Tennessee's commitment to advancing sustainable energy solutions and addressing the urgent needs of the state.

The University of Tennessee, Knoxville, is a leader in sustainable energy research and development, with a strong track record of successful EPSCoR projects. The university is committed to building on this foundation and continuing to make strides in advancing energy research and technology in the state of Tennessee.
invitations will be sought worldwide and will or distinguished software engineer. Visitation center, high-quality software industry team, visitation with a distinguished software engineering Endowment. It will provide a semester or summer the Harlan D. and Luella C. Mills Scholarship late husband, Dr. Harlan Mills, is sponsored by Engineering and Computer Science, works with computer science polymers that are prepared as spun fibers,” “For example, Vanderbilt has already sent us collaborations have already begun. “Our main goal is to build relationships across the state to improve Tennessee’s research Mathematician and software engineering pioneer, Dr. Harlan Mills, is renowned as the originator of "It provides a very hands-on environment that gave me the knowledge and confidence to tackle difficult engineering problems," Evensole commented. "My engineering degree has provided me the core EE skills and problem solving techniques that I still use today. The education I received from the University of Tennessee College of Engineering (COE) has served me well.” Evensole is a member of the College of Engineering’s Board of Advisors, a group of high-level managerial and technical executives from government, education, business and industry. The Board of Advisors serves in an advisory capacity to the dean, administrative staff, department heads, faculty and students of the COE. “Being a member of the COE Board of Advisors affords me the ability to stay in touch with the different engineering departments, to observe the vast changes that the university and the COE are experiencing, and to share my industry knowledge with the university that made a good life possible for me,” Evensole said. The Evosoles have recently committed to a $1 million estate gift to the COE as part of their ongoing support of the university and engineering education. In addition to working with Bandspeed, Inc., Evensole serves as chairman of the board for RF Monolithics, Inc., in Dalry. He and Jenny have been together almost 45 years and enjoy traveling. The couple has worked on Habitat for Humanity buildings together and has served as hospice volunteers in different capacities. “We’ve learned over four decades how to stay BF’s,” Evensole added. “The decision made by the heart all those years ago turned out to be correct.”
**Investment Partners**

If you are reading this newsletter, then I suspect you consider education to be important. So do I, and the more I am immersed in this college, the more I am energized by both the content and approach of the engineering degree. Rigorous and intellectual, practical and useful–engineering education produces a mindset that applies to anything that needs solution or innovation.

This is why I am proud to work with the college’s leadership to secure philanthropic investments that will propel the College of Engineering forward. Every donor at every level to any account in the College of Engineering is our investment partner. In calendar year 2010, that includes 102 Dean’s Circle members who gave an annual gift of $1,000 or more to the College Fund for Engineering or to one of our parallel department funds.

Our partners include major corporate and foundation donors B&V Foundation, Bechtel, Denso, Eastman Chemical Company, ExxonMobil, MathWorks, Nissan, UBS Corporation and others. Estate donors, endowment donors, and every one of the individuals who give to the annual funds—all are investment partners.

If you consider your engineering education to be valuable, if it taught you to think more clearly, if it opened doors to a career (or multiple careers), if it enabled you to start a business (or two or three), if it helped you make a living and a life, then we are asking you to become an investment partner with us or to add to the investment you have already made. You can invest in the college through annual giving at any amount directed to the College Fund for Engineering or to the Department Fund for any one of our seven departments. The 2011 commemorative medallion celebrating Dean’s Circle gifts ($1,000 or more annually), features the Min H. Kao Electrical Engineering and Computer Science Building. Endowments provide principal from which annual earnings finance professorships, scholarship stipends, or program support. Legacies can be left through Estate Bequests.

Investments are tricks-full of surprises. But I can assure you as an investment partner in the UTK College of Engineering enterprise, you will receive a priceless return on your investment-human futures.

Become a partner.

Dorothy Bulkey Bryson, Senior Director, Engineering Development

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**Campaign Update**

**Cultivating Knowledge for a Competitive Edge**

Campaign commitments for the College of Engineering now total $371,835,955, 77% towards our $531,000,000 goal. $7.9 million in campaign gifts and pledges was received in 2010.

We had a 35% increase in annual giving to the College Fund for Engineering and parallel department funds from $371,835 in 2009 to $531,000 in 2010. To make a gift, discover how to create an endowment, learn about trust and annuity options, or how you might benefit or college through your estate planning contact.

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**ALUMNI news**

**Annual COE Homecoming Allows Alumni to Reconnect**

The annual College of Engineering (COE) Alumni BBQ was held at 9 a.m., prior to kickoff of the UT v. Ole Miss football game on Nov. 13, 2010. There were 302 individuals in attendance, including alumni, faculty, retired faculty and students. Eleven student organizations, as well as the Engineering Professional Practice Office and the Jerry E. Stockeberg Engage Program, showcased their projects and research for COE alumni.

“The annual Homecoming Engineering BBQ provides an atmosphere for our alumni and current and retired faculty members to reunite and ask questions about what the COE is doing today,” said Dr. Wayne Davis, COE dean. “I love being able to talk with our engineering alumni and their families and provide an opportunity for them to show their families where they went to school and give them a firsthand look into their college experience at the University of Tennessee, along with the many changes that are taking place. Hopefully, we will be able to provide tours of the new Min Kao Electrical Engineering and Computer Science Building next year, as it should be opened by Homecoming 2011.”

The event was catered by Dead End BBQ, which is co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala. The event was co-owned by Robert Nutt, a COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala.

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**Upcoming Events**

Dr. Ed Bartley, right professor in the Department of Civil and Environmental Engineering, visits with the Faculty during homecoming activities. Greg Tucker (facing camera) is a second-generation COE alumnus (BS/CE ’87, MS/CE ’88) who now resides in Birmingham, Ala.
**In Memoriam: Dr. James Hung**

Dr. James Hung, a retired professor from UT's Department of Electrical and Computer Engineering, passed away on Feb. 19, 2010. He was a resident of Fort Collins, Colo.

Hung was born in 1929 in Foochow, China, and moved to the United States in 1949 to further his education. He received his master's and doctorate degrees at New York University in 1952 and 1955, respectively.

In 2004, Kao contacted Hung about making a gift of lasting value to the university. Hung suggested donating money for a new electrical and computer engineering building. Kao eventually committed to donating $17.5 million, $12.5 million of which was designated for the construction of the computer engineering building.

In 1970s, Hung was a faculty advisor to Dr. Min Kao, who went on to become chairman and CEO of the Garmin Corporation. Kao received his master's and doctorate degrees at UT in 1982 and 1984, respectively.

Hung was one of the world's largest manufacturers of Global Positioning System (GPS) products. Kao received his Ph.D. from the University of Tennessee in 1978 and stayed in touch with Hung through the years after his retirement.

In 2021, Hung was posthumously awarded the 2021 TIBBETTS AWARD for his critical role in research and development for the government and for its success in driving innovation and creating new jobs.

**In Memoriam: Dr. Eugene Stansbury**

Dr. Eugene Stansbury, a retired professor from UT's Department of Mechanical Engineering, passed away on Jan. 27, 2012. He was a resident of Pocomoke City, Md.

Stansbury was instrumental in developing the COE's materials science program, which is now part of the Department of Materials Science and Engineering. He established graduate programs in metallurgy at both UT and Oak Ridge National Laboratory (ORNL).

Stansbury placed high importance on technology in the field and developed several interdisciplinary courses that covered its advantages. Donations can be made to the COE's materials science program in his honor.

Upon his retirement, an endowment fund for scholarships and equipment was established. Donations can be made to the E. Eugene Stansbury Endowment fund at UT or the Office of Engineering Development, (865) 974-2779.

**UT ALUMNUS WINS TIBBETTS AWARD**

UT alumnus Hashem Hashemian, president and CEO of Advanced Micro Sensing Technologies (AMS), was presented with the award in Washington, D.C., in February.

Hashemian, President and CEO of AMS, has 12 years of experience with the company, which began in 1984 as a 14-time All-American and five-time national champion while on the Lady Volunteers track team.

Hashemian was born in 1966 in Iran. He received his bachelor's degree in industrial engineering from the University of Cincinnati. He received his master's and doctorate degrees in mechanical engineering in 1992 and 1996, respectively, from the University of Cincinnati.

Hashemian has also received a special commendation from the Tennessee State Senate for his research and publication efforts.

**UTSI Doctoral Candidate Receives AIAA Special Award**

Bryan Maiske, a doctoral candidate at UT’s Space Institute, received the prestigious AIAA Special Award on November 17, 2010, at the American Institute of Aeronautics and Astronautics (AIAA) luncheon at UT's Space Institute.

Maiske has also been recognized for his research published in both the Journal of Fluid Mechanics and the Journal of Spacecraft and Rockets. He was also recently recognized for the Outstanding Graduate Student Award at UT and received a special commendation from the Tennessee State Senate for his research and publication efforts.

**Leadership Awards Bestowed on Engineering Diversity Program Students**

Tia Renee Tabors and Aeron Lydell Glover both received the 2011 Community Award at the Black Engineering of the Year Awards (BEYA) Student Leadership and Scholarship Awards on Friday, February 18.

The two students were recognized for outstanding academic achievement and leadership. Tabors is a senior majoring in chemical engineering, and Glover is also a senior majoring in industrial engineering.

**COE Alumna and Olympic Gold Medalist is Keynote Speaker at Diversity Event**

Benita Fitzgerald Mosley, BS/IE '84, returned to Knoxville on Tuesday, February 1, as the featured speaker for the kickoff celebration for the 50th anniversary of undergraduate admission by African Americans at the University of Tennessee.

Fitzgerald Mosley became the first African-American woman to win an Olympic gold medal in the 200-meter hurdles in the 1984 Los Angeles Olympics. She was a Heisman All-American and first-time national champion while on the Lady Vols Track & Field team and won nine Southeast conference championships.

She currently serves as the Chief of Sport Performance for USA Track & Field.

For more information about the diversity event, visit http://www.utk.edu/tickets/2011/02/25/schulich/50thanniversarykeynote/.
Calendar

Fall 2011
Classes Begin.................................. Aug 17
Labor Day ....................................... Sept 5
Fall Break ........................................ Sept 29-30
Thanksgiving ................................. Nov 25-26
Classes End....................................... Nov 29
Exams ............................................. Dec 1-2, 5-8
Graduate Hooding ............................. Dec 8
UT Commencement ............................. Dec 9

Spring 2012
Classes Begin .................................. Jan 11
MLK Holiday .................................... Jan 16
1st Session Ends .............................. Feb 29
2nd Session Begins ........................... Mar 1
Spring Break ................................. Mar 19-23
Spring Recess ................................. April 6
Classes End ..................................... April 27
Exams ........................................... May 1-4, 7-8
Commencement .............................. May 9-11

Save the Date!

Please mark your calendars now for Homecoming 2011! Saturday, November 5th

The University of Tennessee Volunteers vs. Middle Tennessee State University.

Cheer on the Vols as they take on the Blue Raiders!
The College of Engineering will be hosting the Annual Alumni Homecoming Barbeque on The Hill three hours prior to kickoff.

Join us for a delicious barbeque lunch; exhibits and demonstrations; and reunions with former classmates and faculty.

Details will be available in the upcoming issue of The Torchbearer.

For more information, contact the Engineering Development Office at (865) 974-2779 or e-mail Christina Parsons at cparson4@utk.edu.

Contact Information

Senior Administration
Dr. Wayne Davis,
Dean of Engineering
Dr. Bill Dunne,
Associate Dean for Research & Technology
Dr. Masood Parang,
Associate Dean for Academic & Student Affairs

Departments
Biosystems ..................................... 974-7266
Chemical & Biomolecular ............. 974-2421
Civil & Environmental ................. 974-2503
Electrical & Computer Science .... 974-3461
Industrial & Information ............. 974-3333
Materials Science ......................... 974-5336
Mechanical, Aerospace & Biomedical ................. 974-5115
Nuclear ....................................... 974-2525

Administration & Programs
Communications ............................... 974-0533
Dean’s Office ................................ 974-5321
Development ................................. 974-2779
Engineering Advising Services .... 974-4008
Engineering Diversity Programs .... 974-1931
Engineering Fundamentals ............... 974-9810
Engineering Professional Practice.. 974-5323
Engineering Research ..................... 974-8360
Engineering Student Affairs .......... 974-2454
Finance & Admin. Affairs .......... 974-5279

Research Centers
Intelligent Systems and Machine Learning ........................................ 974-4394
Materials Processing ....................... 974-0816
Reliability & Maintainability Center .... 974-9625
Scintillation Materials ..................... 974-0254
Transportation Research ................. 974-5255

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