The College of Engineering is currently in the process of designing and constructing three new buildings. This unprecedented opportunity will allow the COE to expand research and classroom space and offer state-of-the-art training for future engineers.

Construction has already begun on the 150,000 square foot Min H. Kao Electrical Engineering and Computer Science Building. Groundbreaking for the facility took place on May 16, 2007. The building is being constructed at a total cost of $37.5 million, $12.5 of which was initially provided by Dr. Min H. Kao, CEO of Garmin and a University of Tennessee alumnus. Kao’s total gift of $17.5 million, the largest single gift toward one building in the university’s history, served as the cornerstone of a public-private partnership with the State of Tennessee, which provided the additional $25 million for the facility. The remaining $5 million of Kao’s donation was used in a dollar-for-dollar match with other private gifts to create a $10 million endowment for the Min H. Kao Department of Electrical Engineering and Computer Science (EECS). The department was created through a merger between the Department of Electrical and Computer Engineering in the COE and the Department of Computer Science in the College of Arts and Sciences in July of 2007. The department will be housed in the new building, which will feature classrooms, laboratories, a clean room and a 2,500 square foot auditorium. The facility will be the first on the UT-Knoxville campus to be built for Leadership in Energy and Environmental Design (LEED) certification, which requires using environmentally sound materials, positioning the building to make the best use of natural lighting and using indoor lighting that is both cost-and-energy-efficient.

Bullock, Smith and Partners and Lindsay and Maples Architects are the primary architects. Other participating companies include Ross Bryan Associates, Inc. (Nashville), IC Thomasson (Knoxville/Nashville) and Vreeland Engineers, Inc. (Knoxville), who are responsible for the structural engineering design and electrical engineering design, respectively. The building is scheduled for completion in August, 2010.

The college has also updated plans for the new Civil and Environmental Engineering Building. After the state provided $16.5 million in funding for Estabrook Hall, the second-oldest building on campus, an architectural review showed that the facility had serious structural issues that would hamper reconstruction efforts. A new site has been selected behind Pasqua Hall on the current campus.
SAFElight Update

Chad Holiday, Volunteer of the Year

The former site of the UT Dairy Farm on Alcoa Highway along the banks of Fort Loudon Lake, JAM will be hosting Advising Office of the Engineering Diversity Programs Office will also likely relocate to Perkins from Estabrook once the CEE move is completed.

The relocation of the MSE department will provide expansion room in Dougherty Hall for its other current occupants, the Department of Chemical and Biomolecular Engineering and the Department of Mechanical, Aerospace and Biomedical Engineering. Space will also be vacated in the Science and Engineering Research Facility (SERF) which will make room for new research initiatives in the newly named Civil and Environmental Engineering department.

A date for the groundbreaking has not yet been set. Engineering Diversity Programs Office will also likely relocate to Perkins from Estabrook once the CEE move is completed.

The team's SAFElight research has resulted in 13 patents and 18 publications, two of which are being used commercially.

End-rears end collisions cause more property damage and, worse, more injuries (83,000-200,000 per year) than any other type of accident in the United States according to federal studies. Drivers address such dire safety and financial concerns, UT alumni Ben Jordan, Tony Spezia and Nathan Davis, with help from their engineering professor, the late Frank Spellkaart, developed the car safety device.

The program gives engineers the toolbox to stick their heads out of the engineering trenches," Jordan said. "What other program offers students the opportunity to graduate with their name on a utility patent, a position on the board of an incorporated company, and the potential of being at the helm of a very lucrative techno-preneurial company?" Completed in 1998, the plant will provide an additional 340,000 square feet of teaching and laboratory facilities for the college. It stands in awe of the progress that is being made on so many fronts within our college. Yet, this would not be possible without the concerted efforts of our faculty, administrative and technical staff; students; campus and system administrations; state, federal and private funding agencies; and, without question, the generosity of our alumni and friends who have made and continue to make the college welcome and transformational contributions to further the college's mission. These are clearly challenging economic times, but this is the "Renaissance Dean. I have a deep commitment to the college and am honored to be a part of this great team.

Dean's Desk continued from page 1

opportunities to more students. Our entering freshmen math ACT scores are the highest ever at 24.8 and these students have an average entering GPA of 4.0 (thanks in part to Advanced Placement Advantage course and the impact of the state's HOPE scholarship program, and our ability to attract students from across the state and nations).

This newsletter also summarizes our progress on three new engineering buildings. These are in the process of being built or in the design phase at a cost of approximately $95M. This new space will provide an additional 340,000 square feet of teaching and laboratory facilities for the college. I stand in awe of the progress that is being made on so many fronts within our college. Yet, this would not be possible without the concerted efforts of our faculty, administrative and technical staff; students; campus and system administrations; state, federal and private funding agencies; and, without question, the generosity of our alumni and friends who have made and continue to make the college welcome and transformational contributions to further the college's mission. These are clearly challenging economic times, but this is the "Renaissance Dean. I have a deep commitment to the college and am honored to be a part of this great team.

SAFElight Update

Ben Jordan and Tony Spezia

continued from page 1

Engineer • Chad Holiday, Volunteer of the Year

are the university’s top alumni award. Holliday was the first recipient of the recognition. The distinction is reserved for alumni who have excelled at the national or international level in their profession, whose achievements have benefited their fellow citizens and have brought great credit to the University of Tennessee.

After graduating from UT, Holliday began working for DuPont in his hometown of Nashville. He advanced quickly through various manufacturing and supervisory assignments, which included product planning and marketing, and eventually executive assignments, including president and chairman of DuPont Asia Pacific.

In 1996, he was appointed DuPont’s Chief Executive Officer. He became Chairman of the Board of Directors in 1999 and in the 21st century lead the company to its 200th year anniversary.

How Holliday’s leadership, DuPont established a mission to achieve sustainable growth – increasing shareholder and societal value while decreasing the company’s environmental footprint. As a result, DuPont has moved from being a chemical company to a science-based products and services company. In 2007, DuPont reported revenues of $20.3 billion and employed more than 60,000 people around the world.

Last year, Holliday visited nearby Loudon, Tenn. in June for the official opening of the DuPont Tate and Lyle Bio Products Co. facility, one of the largest biomaterials processing facilities in the world and the only one of its kind.

Holliday was elected in 2004 as a member of the National Academy of Engineering and became chairman of the Board Roundtable’s Task Force for Environment, Technology and Economy (WBCSD), The Business Council and the Society of Chemical Industry – American Section.

He is also past chairman of the World Business Council for Sustainable Development (WBCSD). The Business Council and the Society of Chemical Industry – American Section. White chairman of the WBCSD, he co-authored a book “Walking the Talk” which details the business case for sustainable development and corporate responsibility.

Holliday is also currently serving as co-chair of the Campaign Leadership Committee for UT’s College of Engineering.

In remarks at the Development Council dinner, Intern Chancellor Van Smiek said, “We credit Chad for helping to create a strong bond between DuPont and UT. The company has contributed almost $4 million to UT over the years in support of programs in the College of Engineering and Institute of Agriculture.”

For more information about SAFElight Inc. contact SAFElight at 865-531-0434 or view the website at wwwSAFElightPD.com.
Dr. Wesley Hines, professor in the Department of Nuclear Engineering, has been named interim associate dean for research and technology for the University of Tennessee’s College of Engineering. Hines will replace Dr. Wayne Davis, who previously held the position and who was designated to be the college’s interim dean in May. Hines received his B.S. in electrical engineering from The Ohio University, Athens, in 1985; his M.S. degree in nuclear engineering and an M.A.A. degree from The Ohio State University in 1992; and his Ph.D. in nuclear engineering from The Ohio State University in 1994. Hines also attended the Nuclear Power School for Engineers, Bldg. 3, in 1986 and served as a U.S. Naval Officer in Naval Nuclear Submarines from 1985-1990. Hines started his career at UT in the nuclear engineering department in 1995 as a research assistant professor. In 2005, Hines was promoted to professor in the nuclear engineering department. Hines has received numerous recognitions from the COE, including the 2005 College of Engineering Research Fellow Award, the 2005 Brooks Distinguished Professor Award; the 2004 COE Teaching Fellow Award; the 2004 Lions and Nancy Cole Superior Teaching Award; and the 2001-2002 Allen and Hoshall Engineering Faculty Award.

The COE has also named Dr. Bruce Robinson, an emeritus professor in the Department of Civil and Environmental Engineering, as interim head of the Department of Industrial and Information Engineering. Robinson’s last appointment was as the Armour T. Granger Professor of Civil Engineering and Environmental Engineering. He was also the coordinator of the environmental engineering program. Robinson received his B.S., M.S. and Ph.D. in sanitary engineering from Iowa State University. His Ph.D. dissertation was the 1980-1981 Coe Award for Significant Research in Water and Wastewater Treatment presented in conjunction with the Association of Environmental Engineering Professors.

Robinson has worked with or performed research for several agencies and firms including Sumit Corporation, Battelle Memorial Institute, Texel Environmental, FMC Corporation, Tennessee Eastman Corp., IT Corporation, City of Cheltenham, Knoxville, Spring City Dye and Finish, Value Line Textiles, General Filter Corporation, the Tennessee Department of Transportation, the Tennessee Valley Authority, Environmental Protection and Conservation, American Water Works Association Research Foundation, USEPA, Aquaphoenix installation, and Knoxville Utilities Board. Title V Permit and Regional Haze. Robinson is a registered professional engineer in Tennessee and Iowa.

FACULTY news

New Faculty Join the UT College of Engineering

Dr. Raniki Kalyanaraman, a new joint associate professor in the Department of Chemical and Biomolecular Engineering and the Department of Materials Science and Engineering, has been named Interim Dean of Engineering. Kalyanaraman was awarded a Ph.D. in materials science and engineering in 1998 from North Carolina State University, Raleigh, and received his M.Tech. and M.Sc. from the Indian Institute of Technology, Kanpur. Kalyanaraman’s current research interests include self-organization and pattern formation, nonequilibrium processing under fast laser-phase transitions, nanomaterials for plasmonics and nanophotonic, and nanocomposites for ultralight and ultrahigh density optical information processing. Kalyanaraman was most recently a professor at Washington University in St. Louis.

Dr. Glenn Tootle, the new assistant professor in the Department of Civil and Environmental Engineering, was awarded a Ph.D. in civil and environmental engineering from 2005 at the University of Nevada. His research involves long-term forecasting of U.S. steamflow using partial least squares regression, relationships between Pacific and Atlantic Ocean Basin variability and streamflow, climate variability and water supply and drought in the upper Colorado River Basin. Tootle received the Morten Board Top Professor Award in 2006 while working as an assistant professor at the University of Wyoming.

Dr. Gerd Duscher is a new assistant professor in the Department of Materials Science and Engineering. Duscher has been awarded grants for a wide variety of research, including in materials science for various high-purity germanium doubly-sided strip detectors. He was a NASA Graduate Student Research Program student in 2005 and a recipient of interconnects, dislocations structure, structure property relationship in superconductor heterostructures and structure property relationships of quantum dots and quantum wells.

Dr. Haitao Liao is a new joint assistant professor in the Department of Industrial and Information Engineering and the Department of Nuclear Engineering. Liao received a Ph.D. in mechanical and materials systems engineering in 2004 and his M.S. degree in industrial systems engineering and mathematical statistics from Rutgers University. He received his B.S. in electrical engineering from the Beijing Institute of Technology. Liao’s current research involves reliability engineering, applied probability and statistics, risk analysis, applied operations research, and signal and image processing. Liao was previously an assistant professor in the industrial and manufacturing engineering department at Wichita State University.

Dr. Kenton Line is a new assistant professor in the Department of Mechanical, Aerospace and Biomedical Engineering and Nuclear Engineering. Eckard was awarded his Ph.D. in aeronautics and astronautics at Purdue University. He received his M.S. and B.S. in aeronautical engineering from Middle East Technical University in Ankara, Turkey. Eckard’s current research interests are fluid dynamics, aerodynamics, aerostatics, circulatory fluid mechanics, fluid-structure interactions, gas turbine propulsion, clean and renewable energy, hypersonic aerodynamics, aerodynamic design and parallel and high performance computing. Eckard was previously a research associate at Duke University in the Department of Mechanical Engineering and Materials Science, where he developed fast and accurate numerical tools to investigate complex fluid phenomena in aerospace engineering.

Dr. Jason P. Hayward has joined the Department of Nuclear Engineering as an assistant professor. Hayward graduated with a Ph.D. in applied physics and nuclear engineering and radiological science from the University of Michigan. He also received a B.S. in physics and mathematics from Valparaiso University in 2003. He is currently a research engineer at Argonne National Laboratory, focusing on materials research on high-purity germanium double-sided strip detectors. He was a NASA Graduate Student Research Program student in 2005 and a recipient of interconnects, dislocations structure, structure property relationship in superconductor heterostructures and structure property relationships of quantum dots and quantum wells.

Dr. Lawrence H. Heilbron has joined the Department of Nuclear Engineering as an assistant professor. He received his M.A. and Ph.D. in nuclear physics from Michigan State University, M.S. in physics from the University of Illinois, Urbana, and B.S. in physics from the Illinois Institute of Technology. Heilbron’s research interests include experimental nuclear physics based on an emphasis on applied field detector development, space instrument development. Heilbron received his Second Outstanding Performance Award from Lawrence Berkeley National Laboratory in 2002.
RESEARCH information

Dr. Maldonado and Dr. Hayward to Lead Million Dollar Research Projects Funded by the U.S. Nuclear Regulatory Commission

Two professors in the COE Department of Nuclear Engineering (NE) are leading research projects with a total funding of over $1 million from the U.S. Nuclear Regulatory Commission (NRC). Dr. Ivan Maldonado, an associate professor in the NE department, and Dr. Jason Hayward, an assistant professor, are involved in the effort, along with colleagues from Texas A & M University (TAMU).

Maldonado is the principal investigator and program administrator for three of the projects, which include "Development of SCALE-based Educational Modules to Innovate Reactor Physics and Criticality Safety Curricula," "U.S. NRC Undergraduate Scholarship Program for Excellence in Nuclear Education at the University of Tennessee," and the "U.S. NRC Graduate Fellowship Program for Excellence at the University of Tennessee." Hayward is the principal investigator for the "NRC Faculty Development Grant Program at the University of Tennessee" project.

According to Dr. Wes Hines, Interim Associate Dean for Research and Technology, the COE NE department won the funding over several large universities with successful nuclear engineering programs because of the department’s adherence to the 14 areas of criteria.

"This is a larger number of criteria to meet with the NRC than normal," Hines said. "We addressed them all and won the grant."

The SCALE-based project seeks to develop innovative educational modules based on the SCALE nuclear analysis system to supplement instruction in reactor physics and criticality safety courses in nuclear engineering programs.

The program will "pilot launch" educational modules at both UT and Texas A & M within courses in their respective curricula. If the modules are successful, the UT NE department will partner with the University of Puerto Rico at Mayaguez and TAMU will collaborate with Prairie view A & M University and Kingville A & M University in order to distribute the educational materials to a wider and more diverse audience.

The undergraduate program will award up to 20 one-year scholarships for the study of nuclear engineering over the next two academic years, the most talented undergraduate and graduate students," Dr. Maldonado said.

The faculty development grant will support two junior faculty members in the NE department. The budget, which is designated for a three-year period, includes support for project development, development proposals for research, equipment stipends, participation in professional society meetings, preparation of papers and travel and other startup costs. The goal of this program is to attract highly-qualified faculty members, develop these individuals' skills in research and teaching and retain them to enhance the department's capabilities.

"Dr. Maldonado and Dr. Hayward obviously wrote excellent proposals for these awards, and they are to be commended for their efforts," Dr. Lee Dodds, NE department head, said. "The UT nuclear program is one of only four nuclear programs in the U.S. that were funded by all NRC solicitations to nuclear engineering programs during the past year, which clearly confirms the outstanding quality of proposals written by our faculty."

"It is a thrill to be entering this profession at a time when the demand and support for nuclear engineering is tremendous," Hayward added. "Additionally, we are encouraged to have the NRC recognize that we are an institution they should support in order to get the next generation of nuclear engineers and scientists."

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The COE NE department is ranked 10th in public universities with a doctorate program, according to U.S. News and World Report's America's Best Colleges” designation.

--Story by Kim Cowart

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College of Engineering Transitions

Several transitions have recently occurred in the College of Engineering’s academic support programs.

Dr. Roger Parsons, former director of the COE’s Engage Freshman Program, has been named director of the newly created COE Outreach Office. In this position, Parsons will work with other units of the university and community to build programs that enhance leadership and intercultural and entrepreneurial opportunities for all students, as well as promoting the college’s visibility to the next generation of engineering students. Initial outreach projects include enhancing study abroad options for engineering students and partnering with the Barker Center and the College of Education in a service learning initiative with Knox County Schools. Parsons is also continuing to teach in the honors first year program.

Panas, a professor in the Department of Mechanical, Aerospace, and Biomedical Engineering (MAEB) received his Ph.D. from North Carolina State University and has been at UT since 1979. In 1996, he was appointed to the Basic Engineering Renovation Team (BERT), formed by the late COE Dean Stoneking to redesign the first year experience in the engineering college. In 1997, he was appointed the founding director of the Engage program, which resulted from the BERT team’s efforts, and served in that capacity until August 2008.

Dr. Richard Bennett, a professor in the Department of Civil and Environmental Engineering (CEE), has been appointed as the new director of the Engage Program. Bennett received his Ph.D. in civil engineering from the University of Illinois, Urbana-Champaign. Since then, he has been a member of the CEE faculty and served as the associate head during the last four years. Bennett has had a half-time appointment in the Engage program since 1999, primarily teaching the first freshman engineering physics course.

Bennett has won numerous teaching awards, including the University of Tennessee Alumni Association Outstanding Teaching Award, which he received in 2007. He is a registered professional engineer in the state of Tennessee.

Dr. Christopher D. Penke has been appointed to the position of director of the College of Engineering Honors Program. He will be responsible for the operation of the departmental common aspects for the college’s honors programs, including teaching of the college’s honorshonors courses and serving as the associate head during the last four years. Penke has had to expand and enhance the college’s honors offerings through development of new departments, courses, or college courses as well as coordinating with the Chancellor’s Honors Program (CHP) and other interested faculty to expand the CHP’s offerings of advanced honors courses specifically developed for engineering students.

Penke has been a UT faculty member since 1993 and is currently an associate professor in the MAEB department. In 1996, Penke was appointed to BERT. Penke has been actively involved in teaching and the development of courses for the Engage program since its inception in 1997. Penke received a Ph.D. in Engineering Science and Mechanics from Georgia Tech. He also spent 1990-91 academic year as an ISP Scholar at the University of Stirling, in Stirling, Scotland. Penke is a registered Professional Engineer (P.E.) in the State of Georgia.

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Leadership Annual Giving Society

Bronze: $1,000 - $2,499
Silver: $2,500 - $4,999
Gold: $5,000 - $9,999
Platinum: $10,000 and above

We are grateful to each and every donor who provides support to the College of Engineering. Your philanthropy is a testament to the spirit and pride we share for this wonderful institution. Please contact the Engineering Development Office for more information at (865) 974-0066 or enred@utk.edu.

Dorothy Breyson
Associate Vice Chancellor for Development/Interim Senior Engineering Development Director

A call to all engineering alumni to give

Full 2008 launches a new way to support the College of Engineering at the University of Tennessee through the College Fund for Engineering. While we continue to encourage donors to designate gifts to their areas of interest – departments, programs, scholarships or other specific funds – we also need unrestricted funding. Today, almost all of the philanthropic resources given to UT are precisely earmarked. These gifts for specifically defined uses cannot be applied to initiatives other than those designated by the contributor. The College Fund for Engineering will allow the dean and college leadership to move with agility, pivot with industry demands and respond to priorities in a strategic way.

This fall, we will be reaching out to every graduate of the College of Engineering to ask you to consider a gift to the College Fund in addition to other support you may be giving to a department or fund. We also request that you consider supporting the College Fund for Engineering at a leadership level (society levels are noted below). However you may choose to give, know that in doing so, you are not only making a positive impact on our college, you are setting a wonderful example for many friends and alumni of the university.

A SPIRIT • A VISION • A PLAN

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A SPIRIT • A VISION • A PLAN
ENTREPRENEURS AND COMPANY OWNERS TURN TO JAMES CLARDY FOR ADVICE

From Iraq, Jeremiah Manning "Represents the Spirit of our Department"

"When I moved to Texas Instruments, the job was detail circuit designs, but because of my years at AIEE, I wanted to know the entire system and thus spent extra time learning everyone’s jobs. In the end, I always knew more about the system than most of the other engineers. As a result, I naturally evolved into managing the projects and the job was cast for me to go into management instead of design," Manning said.

Clardy spent 21 years at Texas Instruments, rising through the ranks until he was finally tapped to head the company’s Latin American division. After leaving Texas Instruments, Clardy became a major player in Austin’s burgeoning technology scene, working with Crystal Semiconductor in 1984 to bring in superstar engineers from other companies to create exciting new advances. Crystal became one of the world’s leading suppliers of high-performance mixed signal integrated circuits with annual sales of $250 million.

Clardy left Crystal in 1997, and shortly afterward was asked to become a partner with Austin Ventures. He is currently on the board of five Austin technology startups and has also served as interim CEO for Nanocoatings, Inc. Nicoscient, Inc., D2Audio, Inc. and Cold Ware, Inc.

"The availability of capital for entrepreneurs to start high tech companies in Austin comes from having a premier venture capital firm such as Austin Ventures in our city," Clardy said. "It is the largest venture partnership in the state of Texas. Entrepreneurs and company owners who turn to Clardy for advice had better be prepared for complete honesty and frank assessment of their situations. I believe that a straightforward style gets things done. It is the essence of any success that I have enjoyed," Clardy added. "The quicker people get to the issue to be resolved, the better all around. There is no gain to game playing or soft-peddling things."

Clardy believes that his education at UT was the starting point for his years of success.

"To my knowledge, I was the first person in my Clardy lineage to obtain a college education. I gave me the technical skills to compete in the high tech world and the opportunity to afford a quality education," Clardy said.

Although Clardy’s knowledge and guidance is greatly in demand in high-tech circles, he also finds time for his large family, including his wife, Joanne; children Dean Clardy, Melissa Hell, Mary Bedsock, Jill Hellman and Terri Potts; and his 11 grandchildren.

"It is hard work, dedication and unbounded self-worth in yourself with great ideas that make start-ups and people successful," Clardy said. - Story by Kim Cowart

ENTREPRENEURS AND COMPANY OWNERS TURN TO JAMES CLARDY FOR ADVICE

"I am very happy with the choice that I made at that time," Clardy said. "I secured a job in the Department of Electrical Engineering working on government contracts, primarily doing research on antennas. Engineers today would not believe one of the tasks, which was to calculate antenna patterns using a mechanical calculator. Several of us were called 'student calculators,' and we had large notebooks to record the results. It was a great job for students because we could work any time that we wanted—all you had to do was just get a notebook and start calculating wherever the last person finished. Obviously, we did not have computers in those 'dark days.' Later, I worked as a technician on a test range that was located on an island in the river, working with Dr. T. Vaughn Blalock."

"I received my degree in electrical engineering at Columbia Tech in Tennessee, but it is not the degree that counts, but the experience that I gained during my time there. I was able to learn valuable skills that I have carried with me throughout my career. The degree was necessary, but the experience was invaluable."

After graduating from UT in 1957, Clardy began working at Arnold Engineering Development Center (AEDEC) at Tennessee Tech. He gained experience in electrical engineering and worked as an associate engineer in the Department of Distance Education and Independent Study.

"I feel good that I will have been able to do this one thing for myself this year here in Nashville," Manning says. "Dr. Hayakawa Penumasa, professor and interim department head of UT’s Civil and Environmental Engineering, says Jeremiah "represents the spirit of our department.""

"Distance education is one of the tools that allowed him to obtain his graduate degrees and service to this great country.

The frank and outspoken UT College of Engineering Dean was a popular figure on campus, but was also known for his no-nonsense approach to his work.

"Clardy is a bit of a philosopher, someone who thinks a lot about what he is doing and how he is doing it," former UT student and current employee Bruce Baldwin said. "He is very direct and to the point, but he also has a great sense of humor."

Clardy has been a member of the UT College of Engineering Development Office since 2000, and is currently the chair of the advisory board.

"I am very appreciative of his dedication to the University and his continued service to the College of Engineering," said UT College of Engineering Dean Franklin J. Hellman. "He has been a tireless advocate for the College and has been instrumental in helping to grow the College to its current position as one of the leading engineering programs in the country.

Clardy has also been a mentor to many students at UT, including his daughter Jennifer, who is also a member of the UT College of Engineering Development Office.

"I am very proud of my daughter and the work she has done on behalf of the College," Clardy said. "She has been a great asset to the College and has helped to raise funds for many important projects."

- Story by Emma Jenkins

ALUMNI PROFILE

James H. Clardy

James H. Clardy is a 1957 graduate of UT’s College of Engineering and is the current president of the UT College of Engineering Development Office. He has served on the Board of Advisors for the College of Engineering and has been a member of the UT College of Engineering Development Office since 2000. Clardy is also a member of the UT College of Engineering Development Office staff. He has been a tireless advocate for the College and has been instrumental in helping to grow the College to its current position as one of the leading engineering programs in the country.

DEVELOPMENT PERSONNEL

The Engineering Development Office has added new staff members since the hiring of Dorothy Barkley as Interim Senior Director in February 2008.

TENNESSEE

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IBM Fellow and Vice President J. T. Watson Research Center Yorktown Heights, N.Y.

Dr. R. G. Gilliland (ISEE ’58, MScEng ’63)

Rutgers University, Piscataway, N.J.

Dr. Ron Green (ISEE ’70, MScEng ’78)

Chesapeake AVTATL, Charlotte, N.C.

Ms. Michelle S. Gregory (ISEE ’04)

Chief Financial Officer Tennessee Valley Authority Chattanooga, T.N.

Dr. Michael W. Howard (ISEE ’82, PhDEng ’96)

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TENNESSEE

From Iraq, Jeremiah Manning “Represents the Spirit of our Department”

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Former COE Employees are Remembered

Dr. John M. Holmes, former professor of chemical engineering in the University of Tennessee College of Engineering, died on Saturday, October 4, 2008. Holmes was a graduate of the University of Delaware and a member of the American Institute of Chemical Engineers. He lived in Nashville, Tenn.

Dr. Robert Sperry (BS/EE ’52) died May 11, 2008. He lived in Boulder, Colo.

P.W. Hembree, Jr. (BS/CE ’47) died June 2, 2008. He lived in Fort Worth, Texas.

Ravinder K. Sood (BS/ME ’65) died May 16, 2008. He lived in Houston, Texas.

James E. Willard, Jr. (BS/EE ’53) died April 21, 2008. He lived in Knoxville, Tenn.

William James McClain (BS/EE ’62) died July 5, 2008. He lived in Asheville, N.C.

Ronald J. “Hank” Thompson (BS/CE ’62) died July 6, 2008. He lived in Hendersonville, Tenn.


Bennett A. Barr (BS/EE ’62) died July 1, 2008. He lived in Knoxville, Tenn.

Dennis Arthur Reed (BS/CE ’76, MAS/EE ’91 and MS/EE ’82) died July 11, 2008. He lived in Franklin, Tenn.

Chester S. Meadows (BS/EE ’62) died June 14, 2008. He lived in Farragut, Tenn.

William A. (Bill) Fortune (BS/CE ’69) died August 7, 2008. He lived in Knoxville, Tenn.


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600 Students Enjoy Engineers Day 2008

Over 600 high school students from 30 schools across the region came to the UT-Knoxville campus on Thursday, October 16, 2008 for Engineers Day. The event is a College of Engineering tradition that has been observed since 1912. Visiting participants enjoy discussions, project demonstrations, exhibits and a great deal of fun with COE students and faculty. Dr. Bert Ackermann, a nuclear engineering graduate and a member of the college’s Board of Advisors, was the keynote speaker at the opening ceremony. The event also included the Quiz Bowl, where teams of four compete in a written examination. Quiz Bowl competition winners for 1st and 2nd place for this year were two teams from Farragut High School and the third place winners were a team from Lenoir City High School. Class 1 winners in the exhibit competition included the American Society of Agricultural and Biological Engineers, the Materials Advantage Society, and the American Society of Civil Engineers student chapter.