THE CUPOLA REPORT
A RECOGNITION OF THE CONTRIBUTORS OF 2002

THE SAMUEL GINN COLLEGE OF ENGINEERING

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THE CUPOLA REPORT
A Recognition of Contributors
to the Samuel Ginn College of Engineering
Auburn University

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This is the flagship donor recognition publication of the Samuel Ginn College
of Engineering. We have made every attempt to include all donors in the Auburn
Engineering family. However, if you are not listed, or are aware of another donor who
is not, please contact the Auburn University Office of Development at 107 Ramsay Hall,
Auburn University, AL 36849; 334.844.1192.
Welcome to our first edition of The Cupola Report. This publication is our way of publicly acknowledging the part that each of you plays in our progress as we work toward achieving our vision for the future of the Samuel Ginn College of Engineering.

Auburn Engineering is proud of its history. We have helped to create some of the country’s best engineers. Our graduates have gone on to become the inventors, astronauts, CEOs, and military leaders behind technologies and innovations that have changed the world. They have also become scout troop leaders, community volunteers and PTA presidents. At Auburn, we believe in doing more than just educating engineers, we believe in helping our students develop as individuals, team players and active citizens.

As part of our mission to provide the most comprehensive educational experience possible to our students, we are constantly seeking to improve upon the foundation built by those who came before us. As most of you are probably aware, the college is in a position to move into the circle of the country’s elite engineering programs. To do so will benefit current and future students as well as past graduates. By achieving the benchmarks commensurate with the country’s top ranked engineering programs, we will have the ability to offer exceptional educational facilities and opportunities. We will also raise the prestige of an Auburn Engineering degree, thereby elevating the status of past graduates who are actively engaged in the workforce.

Our vision of achieving the benchmarks of top 20 status within this decade is ambitious. However, Auburn engineers are known for their resourcefulness and tenacity. With the support of our alumni and friends, success is within our reach.

In this report, we wish to recognize the many alumni and friends who stepped forward in 2002 to offer their leadership in pursuit of our vision. This includes the inaugural groups of Senior Challenge donors, Engineering EAGLEs and Keystone Society members. These exceptional individuals, through their unrestricted annual gifts, are allowing us the flexibility to respond to rapidly changing needs and emerging opportunities.

In addition to those who offer unrestricted dollars, we owe a tremendous debt of gratitude to individuals and companies who have established endowments for the support of our people and programs through scholarships, fellowships, professorships and funds for excellence. For this issue, we have compiled a list of all endowments currently in place for the benefit of the Samuel Ginn College of Engineering.

Finally, we have included a roll of individuals who have achieved lifetime giving of $50,000 or more—often through a lifetime of faithful annual gifts. For their years of dedication to the college, we wish to offer our thanks.

To each of you, on behalf of the faculty, students and staff of the college, I want to express our heartfelt gratitude for your generosity to Auburn Engineering. As a state-assisted institution, Auburn University depends heavily on gifts from alumni and friends in order to offer the quality education for which we are known. That holds doubly true in the engineering community. As a program whose success depends on our ability to maintain up-to-the minute technology and facilities, our supporters play a vital role in the life of the college. For all that you do for us, we thank you.
Charlie Ping
FORMULA SAE RACING TEAM CAPTAIN

When Charlie Ping’s family made the move from Minnesota to the Deep South in the early ’90s, he had never even heard of Auburn University. But by the time he graduated from high school in Anniston, Ala., Ping knew that Auburn was the only place for him. Encouraged by a guidance counselor to pursue engineering, he looked to Auburn because he had heard that it was the best engineering school in the state.

As captain of the Formula SAE Racing team, Charlie definitely found his niche at Auburn. He joined the team in 1999 as a freshman. The team had been around since 1996 when it was awarded “Rookie of the Year” designation at the national competition held each year in Detroit. However, with little funding and only one returning member, the team Ping joined was short on cash and know-how. He admits that at the time he knew very little about the formula car program. Now he talks cars like a professional.

The team invests tremendous energy in the project, often spending 40 hours or more each week on the car before it is ready to hit the Detroit competition each spring. “What’s great is that this competition gives us the opportunity to use the engineering tools that we learn about in the classroom,” Ping says. “We design and analyze our car just as professional engineers would.”

At the 2002 competition, the students had an opportunity to test their mettle as a team. After experiencing last minute engine problems, the students made alterations that resulted in increased power. When a driver took the car into the practice area to test the new engine, he accidentally ran into a row of hay bales, bending the front suspension. With two hours before the start of the event, the team had to work fast to save their car.

“Our team sprung into action, replaced the bent components, and realigned the car in time for the autocross event,” says Ping. “I jumped into the car, with no practice on the new setup, and ran out of fuel on my first lap because of an oversight. After refueling the car and waiting through the line again, I had one lap left. I was able to cut a great lap that left us seventh overall out of 140 entries. It was a real shot in the arm for our team, and the momentum carried us through the rest of the event. It shows that in the face of big problems, our team and drivers kept their cool and we had an exceptional performance.”

Automotives and teamwork are not the only things that Ping has learned about on the formula car project. He has also learned a great deal about finance. “Last year was the first year that we received any significant funding,” he says. “It made a big difference in what we could do.”

Although Ping concentrated on the car’s engine, the group is so tightly knit that he soon became familiar with all of the vehicle systems as well as the importance of meeting timelines. “In racing the deadlines are fixed,” says Ping. “You cannot push back the start time because of production difficulties.”

In 2003 the team performed spectacularly, netting a first place design award, a third in the endurance race, and fifth place overall. Thanks to its record success in Detroit, the Formula SAE team is headed for this year’s FSAE Australasia competition in Australia, December 4-7.

“Initially I joined the team to get the practical experience I would need to succeed in the workplace,” says Ping. “But now I stick with it because it’s something I love to do.”
“Last year was the first year that we received any significant funding,” he says. “It made a big difference in what we could do.”
Imagine going to the grocery store and selecting a package of chicken with up-to-the-minute data on the temperature and bacteria levels of its contents. When you get home, you put your purchase into a “smart” refrigerator that reads the packaging and warns you when its contents have reached bacteria levels that are unsafe for consumption. Thanks to a team of Auburn University researchers, this technology will someday be a reality.

As part of a 17-member multidisciplinary team working to develop tools for inventory control and pathogen and toxin detection, Dr. Stuart Wentworth, an associate professor in the Department of Electrical and Computer Engineering, is working to produce a sensor platform. This is a crucial component of the envisioned radio frequency identification (RFID) sensor tags that will make such a scenario possible.

Dr. Wentworth emphasizes that the work the College of Engineering is conducting is only part of the process. Auburn University researchers from the colleges of Agriculture, Human Sciences, Sciences and Mathematics and Veterinary Medicine are also working on various aspects of the project. A key component is the biological film that will collect the bacteria present so that it can be measured. The films are capable of selectively grabbing salmonella or other targeted bacteria.

There are two different types of films being examined, antigen-antibody and phage. Auburn University holds exclusive patent rights on phage technology. “Phage film offers three advantages for the project—sensitivity, selectivity and speed,” says Wentworth.

The challenge for engineering researchers is to convert the bacteria collected by the film into a measurable unit that can be fed to the tag. This is where Dr. Wentworth’s work on sensor platforms enters the picture. “The sensor platform is a construct with the film on it and when the bacteria adheres, there’s a change in property that converts to an electrical signal,” says Wentworth. “As the number of bacteria on the surface increases, that signal changes. We are currently working to build a sensor platform called a Flexural Plate Wave on a very thin membrane of material that can be realized on silicon. This allows the biofilm to be located on the other side of the membrane separating the food from the electronics.”

While the team’s current focus is on food safety, this technology has implications far beyond the local grocery store. The U.S. Space Missile Defense Command in Huntsville, is interested in the project’s potential for battlefield use. Sensors could be strategically placed in the terrain so that if a biological warfare agent, such as anthrax, enters the area, the sensors could immediately alert military personal, allowing them time to don protective gear.

Although these applications are several years in the future, Auburn’s researchers are working diligently to provide solutions for the age old problem of unsafe food as well as some of our modern world’s most threatening possibilities.
“Thanks to a team of Auburn University researchers, this technology will someday be a reality.”

Stuart Wentworth, associate professor of electrical and computer engineering (left), works with a graduate student on research of pathogen and toxin detection.
“Auburn has the momentum now to move ahead in the college rankings and as alums, it is our privilege and responsibility to support its efforts to do so.”
As a wide-eyed Auburn cooperative education student, Ed Lewis had the privilege of assisting in NASA's Launch Vehicle Control Center during the Apollo 11 moon landing. As he watched Neil Armstrong plant an American flag on the moon's surface, Lewis never dreamed that someday his career path would carry him to Mars. Mars, Inc., that is, the world's second largest confectionery company and producer of M&M's, Milky Way, Snickers and other popular snacks.

Lewis began his career as an industrial engineer with Textron, Inc., followed by nine years with Georgia Tech as regional director for their Engineering Research Institute. In 1983, he joined Mars, Inc., which manufactures and markets Uncle Ben's rice, Dove ice cream, and Pedigree pet food in addition to its well-known candy bars.

Lewis's career with the company started in Albany, Ga. where he quickly moved from engineer to operations manager. For 10 years in Waco, Texas, he led the largest candy plant in the United States and managed the production of Snickers, Skittles, Starburst and Twix candies. After a short engagement in Hackettstown, N.J., Lewis moved back to Texas as vice president of manufacturing and logistics with the MasterBrands Division. He then moved to Los Angeles where he was responsible for 11 North American facilities. Lewis retired in October 2001 and is enjoying pursuing real estate development and business consulting.

He credits Auburn University with much of his success. “I have worked with countless engineers throughout the world, and I am proud to say that I hold my Auburn engineering education equal to any of their educations,” he says.

Lewis also has high praise for the Auburn Engineering co-op program. “Without a doubt, my experience as a co-op student gave me a beginning confidence and real-world use of my classroom education that continues to prove valuable today.

Ed and Becky Stanford Lewis met at Auburn and married a year after their 1972 graduation. Their daughters, Emily and Catherine, are Auburn graduates. Their son Stan currently attends Auburn. The couple bought a second home in Auburn to be closer to their children and the university. “We love being back in Auburn where there is always something fun going on,” he says. “It is especially nice to be with people who have the same love for Auburn that we do.”

The Lewises have long been enthusiastic supporters of Auburn Engineering. They share in the college’s vision of positioning the Samuel Ginn College of Engineering to move into the arena of the top 20 engineering programs in the nation. “Auburn has the momentum now to move ahead in the college rankings,” says Lewis. “As alums, it is our privilege and responsibility to support its efforts to do so.”

To help Auburn University attract top caliber students, the Lewis family has endowed scholarships that are available to students with the highest ACT/SAT scores. The “Becky and Ed Lewis Endowment for Scholarships in the Samuel Ginn College of Engineering” funds financial incentives that will give Auburn Engineering a competitive edge in recruiting exceptional students. The first scholarship will be awarded to an outstanding student for the 2004-2005 school year. “While scholarships help Auburn as recruiting tools, they are also a lasting legacy for those who endow them,” says Lewis. “We want Auburn to know how proud we are to be graduates of such a great university!”
The Keystone Society sets apart those whose financial commitment to the college’s Unrestricted Fund serves to strengthen and uphold the vision of the college. The Keystone Society is vital to the continuing excellence of Auburn Engineering. Keystone Society members invest $50,000 that can be given as a five-year pledge to the Unrestricted Fund, giving the college the flexibility to respond to emerging opportunities.

The inaugural members of the Keystone Society are a group of exceptional alumni who have not only stepped forward as philanthropic leaders in the college’s vision to position itself as a top 20 program, but have also given generously of themselves to Auburn and the Samuel Ginn College of Engineering. The 10 individuals on the following pages have dedicated countless hours of service to the advancement of Auburn University and Auburn Engineering. For their many contributions of time, talent, leadership and resources, we owe them our gratitude.
Ralph B. Godfrey ’64
Electrical Engineering
Retired Senior Vice President
3Com Corporation

Ralph Godfrey received his BSEE degree from Auburn in 1964 and stayed to complete his MSE degree. While working on the master’s, Godfrey worked for the Auburn Research Foundation on contract with NASA to develop hardware for the Saturn program. He also met and married his wife Lynda, who was working as an administrative assistant for James Foy, dean of student affairs.

After graduation Godfrey went to NASA where he worked for Sperry Space Support Division in support of NASA’s Astronics Laboratory. His career soon led him to Hewlett-Packard where he held numerous sales and management positions of increasing responsibility throughout his tenure with the company. In 1988, after 20 years at HP, Godfrey moved on to accept the position of president of sales for Convergent Technologies, and then on to a position as vice president of sales and marketing for a division of Unisys. An offer from 3Com to take on management of the company’s American sales organization as senior vice president offered a new challenge, and in 1990 Godfrey joined the firm. His responsibilities included membership of the executive committee, sales throughout North and South America and the development of the company’s e-commerce business. After the successful launch of this business, he added the management of the new organization to his duties.

Now retired, Godfrey serves on the board of directors of Rockford, a NASDAQ-listed corporation that manufactures home and automobile audio systems. He is also a board member of Simple Devices, a company that produces software to manage the download and distribution of music and data from the Internet to local home and car audio systems, and serves on the advisory boards of several high tech companies in Silicon Valley. Godfrey was chosen by VARBusiness Magazine as one of its Top 30 Visionaries of 1999.

Godfrey is an active member of the Auburn Alumni Engineering Council where he serves on the development committee. He and his wife currently reside in Saratoga, Calif. The Godfreys enjoy spending time with their two daughters and five-year-old grandson.

W. George Hairston ’67
Industrial Engineering
President and CEO
Southern Nuclear Operating Company

Following graduation from Auburn, George Hairston joined the Southern Company system as a junior engineer at Alabama Power. During that time, he also served in the U.S. Army Corps of Engineers, with duties in the United States and Vietnam from 1968-1970.

After earning a master’s degree in nuclear engineering from Georgia Tech in 1971, Hairston spent the next two decades rising through increasingly responsible positions within Alabama Power’s nuclear power division, eventually becoming vice president of nuclear generation. In 1988, when the Southern Company announced plans to form Southern Nuclear, Hairston was elected senior vice president of nuclear operations of both Alabama Power and Georgia Power and was named senior vice president of Southern Nuclear when it incorporated in 1990. Hairston was later named executive vice president of Southern Nuclear and in 1993 was selected as president and chief operating officer. In June 1995 he was elected executive vice president of Georgia Power Company. He currently serves as president and chief executive officer of Southern Nuclear.

Hairston is a member of the board of directors for the Institute of Nuclear Power Operations (INPO) and the World Association of Nuclear Operators (WANO) – Atlanta Center Governing Board. He is past chairman of the National Nuclear Accrediting Board for INPO and a member of the Nuclear Energy Institute (NEI) board of directors and executive committee. He is chairman of the NEI Government Relations Advisory Committee and past chairman of both the NEI Nuclear Strategic Issues Advisory Committee (NSIAC) and the NSIAC Steering Group. Hairston is on the Southeastern Electric Exchange board of directors and is involved with numerous organizations that address issues important to women, minorities and youth in the field of engineering. In 2001, he was inducted into the State of Alabama Engineering Hall of Fame.

Hairston is a member of the Auburn Alumni Engineering Council and has been active in fundraising for Auburn University’s Minority Engineering Program. He lives in Birmingham where he has served on numerous organizations that work to improve the lives of the people of the community. Hairston and his wife Paula are the parents of three children.
William F. (Hank) Hayes ’65
Electrical Engineering
Retired Executive Vice President
Texas Instruments

Hank Hayes earned a BSEE from Auburn and remained on the Plains to earn his MSEE degree. While at Auburn, Hayes was an active and dedicated student who was invited into membership in Delta Chi social fraternity and Eta Kappa Nu, Phi Kappa Phi and Tau Beta Pi student honor societies. After completing his education, Hayes joined Texas Instruments in 1967. Throughout his long tenure with the company, he was promoted to increasingly responsible positions. In 1991 he was named president of the Defense Systems & Electronics Group (DSEG) of the company. Under his leadership, the DSEG team was awarded the Malcolm Baldrige National Quality Award – the first defense company to be so honored.

In 1993, in celebration of his professional achievements, Hayes was selected for the Auburn University Electrical Engineering Outstanding Alumni Award. He was later inducted into the Alabama Engineering Hall of Fame, an honor bestowed upon a select few individuals each year whose contributions to the field of engineering have significantly enhanced our state and nation.

In 1994, Hayes assumed the position of executive vice president for Texas Instruments. In this capacity, he was responsible for the company’s software business and corporate venture projects. In addition, he chaired the company’s strategic leadership team assisting with short and long range planning. He retired from Texas Instruments in 1996.

The Hayes family founded the William F. and Brenda W. Hayes Endowment for Diversity, which benefits the BellSouth Minority Engineering Program (BMEP). The Hayes endowment supports essential recruiting and retention activities for students participating in the program. In addition, Mr. Hayes serves on the Auburn Alumni Engineering Council executive committee, the Engineering Leadership Team and the Auburn University Foundation board of directors. He is a former member of the Research Advisory Council.

Hayes is the father of three children. He resides in Frisco, Texas where he dedicates his time and expertise to worthy organizations such as the Leukemia Foundation.

“...I choose to donate because I really like the vision, progress, and excitement in Auburn Engineering. The leadership and faculty are on the right track and are making things happen. Auburn has always been a great engineering college and the education and work ethic that I received certainly have helped me well in my career and life. Hopefully, my financial support will help Auburn be even greater and allow future students to enjoy an even better education than I received.”

T. Keith King ’58
Civil Engineering
President, CEO and Chairman of the Board
Volkert & Associates

Following graduation from Auburn, Keith King began his career as a bridge and roadway design engineer for the Louisiana Department of Transportation. In 1969 he joined Mobile-based Volkert & Associates (then called Exin Engineering Corporation) as a design engineer. After a succession of promotions, King took over the helm in 1983.

Under his leadership, Volkert, which specializes in transportation, has established itself among the top one percent of engineering firms in the country. Three of the company’s projects directed by King were inducted into the Alabama Engineering Hall of Fame. The American Society of Civil Engineers and the National Society of Professional Engineers have recognized several as outstanding projects. The firm has 13 operations centers in eight states with numerous field offices across the Southeast. Volkert employs 650 associates.

Throughout his career, King has served in numerous professional organizations such as the Alabama Board of Licensure for Professional Engineers and Professional Land Surveyors.

King has been named to the Alabama Engineering Hall of Fame and is a former member of the Hall of Fame board of directors. The twenty-first century has brought numerous honors for King. He was the 2000 recipient of the President’s Award for Distinguished Service from the Alabama Society of Professional Engineers. In 2002, the Alabama Section of the American Society of Civil Engineers (ASCE) honored him for outstanding achievements. In 2003 he received the American Council of Engineering Companies (ACEC) National Award for Community Service.

King has been honored with Auburn’s Distinguished Service Award and was named a College of Engineering Outstanding Alumnus. He is active on the Auburn Alumni Engineering Council and the Engineering Leadership Team and is a former member of the Alumni Association board of directors.

King and his wife Julia live in Mobile where he is involved in the Mobile Area Chamber of Commerce. They have three children and seven grandchildren with whom they enjoy spending time. King serves in numerous community organizations that serve to better the lives of children.

“...It has been my pleasure to stay involved with the Samuel Ginn College of Engineering since I received by BSCE 45 years ago. I firmly believe our graduates are far above average and are as well prepared as any in the country to meet the many challenges of our profession. I count myself fortunate to have attended Auburn and to be able to contribute something back to the school that gave me such a solid foundation to build upon.”
Oliver Kingsley attended Auburn on an ROTC scholarship and was active in campus activities such as Phi Gamma Delta social fraternity and Omicron Delta Kappa student honor society. After completing his degree, Kingsley enlisted in the U.S. Navy Nuclear Submarine Force.

Following his honorable discharge from the Navy in 1971, he accepted a position with the Southern Company’s nuclear power division. After several promotions within the Southern Company, Kingsley was named vice president, nuclear operations for Middle South Utilities. In 1998, he was offered the position of chief nuclear officer of the Tennessee Valley Authority’s Nuclear Generation Group and is credited with the successful turnaround of the TVA’s nuclear program. In November 1997 his career led him to the helm of Commonwealth Edison’s (ComEd) nuclear fleet, where he increased power production and efficiency while reducing production costs for what was at that time the nation’s largest nuclear program.

In 2000, in the merger of ComEd and PECO into the Exelon Corp., Kingsley directed the integration of the nuclear operations of ComEd, PECO and AmerGen into a combined fleet. Currently, he is the chief executive officer and president of Exelon Generation and president and chief operating officer of Exelon Corporation based in Chicago. Exelon Generation has 28,000 MW of nuclear, fossil, and hydro generation in seven states including the largest nuclear reactor fleet in the country and the third largest worldwide.

Kingsley is widely respected in the field of nuclear engineering. He was the American Nuclear Society’s 2000 recipient of the Walter Zinn Award recognizing leadership in nuclear power. In February 2003, his expertise and achievements were recognized with election into the National Academy of Engineering.

He is a member of the Auburn Alumni Engineering Council’s student liaison committee and has served as host for the College of Engineering’s senior etiquette dinner. He resides in St. Charles, Ill. with his wife Sally. The Kingsleys have four children.

Following the completion of a BSEE from Auburn, Bill McNair returned to his native Montgomery and enrolled at Auburn University Montgomery, earning a master of business administration degree in 1970. He later earned a master of management degree from MIT.

McNair began his professional career with an engineering position at BellSouth that developed into a 33-year tenure with the company. Throughout his career with BellSouth, he served in a variety of engineering, operations and marketing positions in Georgia, Alabama and Tennessee. In 1990 he was elected an officer and was named vice president of corporate affairs. Early the next year he became vice president of carrier services. In December 1993 McNair was appointed vice president of network operations.

In 1997, after meeting the challenges of his previous positions, McNair assumed the position of vice president of interconnection operations, responsible for implementing network, process, and systems enhancements to optimize service to the company’s interconnection customers. After a long and rewarding career, he retired from BellSouth Telecommunications in 2001.

McNair serves on the Engineering Leadership Team as well as the executive committee of the Auburn Alumni Engineering Council. A long-time supporter of Auburn Engineering, McNair was instrumental in securing BellSouth’s generous funding of Auburn’s minority engineering program. This valuable program endeavors to increase the number of qualified minorities graduating from Auburn’s College of Engineering through retention and recruitment programs. He places the success of young people among his highest priorities and has served on the executive board of Junior Achievement of Georgia.

McNair and his wife Lana currently reside in Dunwoody, Ga. Since McNair’s retirement the couple has been making plans to relocate to south Alabama. They are the parents of son Scott and daughter Kelly.

"I am committed to the continued success of Auburn and support its development both as an individual and through my company. As president and CEO of Exelon, I have seen firsthand how the corporate world benefits from supporting future engineers. Through involvement with Auburn Engineering, Exelon stays abreast of current research while sharing its expertise and resources with young people. I feel that it is my privilege and responsibility to give back to a program that has given me so much."

"The young men and women that are educated as Auburn engineers are key to our nation’s and our region’s futures. Without the technological progress these engineers will drive, our economy will be far less robust. Their achievements will create jobs for many and improve the quality of life for us all. Our contributions to the College of Engineering will help ensure their preparation for the challenges ahead and equip the college to further enhance its research initiatives."
Albert J. Smith, Jr., ’47
Mechanical Engineering
Partner
BrightStar Group Ltd.

Albert Smith enrolled at Auburn in 1943 and quickly became active on campus. He was invited to membership in Alpha Tau Omega social fraternity and Pi Tau Sigma and Tau Beta Pi engineering honor societies. His education was interrupted by military service from 1944-1946. Following his discharge from the U.S. Navy, he returned to the Plains and in 1947 was awarded a bachelor’s degree.

Smith began his career with Westinghouse Electric Corporation as a sales engineer. By 1961 he had become industrial district manager for the petrochemical industries in Texas and Louisiana. In the ’60s he played a significant role in the development of power generation projects that utilized combustion gas turbines.

In 1969 he and a partner formed Power Systems Engineering, Inc. (PSE). From 1969-71, PSE designed, built and put into operation what was then the largest, most efficient, combined cycle power plant in the world – the 300-megawatt Salt Grass Power Plant in Freeport, Texas. During the next 20 years PSE completed 23 cogeneration projects totaling over 750 megawatts in Texas and California. PSE went public in 1986 and in 1989 was acquired by Destec Energy, Inc., a Dow subsidiary. At the time of its acquisition, PSE was one of the largest independent power companies in the U.S. with over 1,000 megawatts of generating capacity representing an investment of over $600 million. Smith was named vice chairman and director of Destec.

He is a past chairman of the National Independent Energy Producers and was named Executive of the Year by Independent Energy Magazine in 1989. In 1992 he was named a Distinguished Auburn Engineer and in 1995 was inducted into the State of Alabama Engineering Hall of Fame.

Retired since 1990, Smith serves on the Engineering Leadership Team and the Auburn Alumni Engineering Council as well as the Auburn University Foundation board of directors and the advisory board of the Jule Collins Smith Museum of Fine Art. He is a past member of the Alumni Association board of directors. The Smiths reside in Houston where they are active supporters of numerous civic and charitable organizations. They have three children and seven grandchildren with whom they enjoy spending time.

Jeffrey I. Stone ‘79
Civil Engineering
Chief Operating Officer
Brasfield & Gorrie, LLC

While attending Auburn, Jeff Stone served as president of the Student Government Association and ex-officio member of the board of trustees. He was invited to membership in Spade honorary society, Phi Gamma Delta social fraternity, and Mortar Board and Omicron Delta Kappa student honor societies.

After earning a bachelor’s degree in civil engineering, he joined Birmingham-based general contractor Brasfield & Gorrie. He began his career in estimating and progressed through the project management ranks, managing office, retail, and hospital projects in Alabama and Florida. His notable projects include the Colonmade, BellSouth Services Headquarters, Kirklin Clinic, and the McWane Center, all located in Birmingham.

Other positions Stone has held at Brasfield & Gorrie include healthcare division manager, institutional division manager, and vice president of operations. In his current role as chief operating officer, he oversees operations for over $1 billion in annual construction revenues spread across five offices, 14 operating divisions, and projects in 21 states.

Consistently ranked in the top 50 of the largest construction companies in the U.S., Brasfield & Gorrie provides general contracting and construction management services in diverse markets including office, retail, healthcare, multi-family, industrial, manufacturing, transportation, education, athletics, and water and wastewater treatment. In 2003 the emergency I-65 bridge replacement project was inducted into the State of Alabama Engineering Hall of Fame.

Stone is a life member of the Auburn Alumni Association and a member of the Samford Society. He serves on the Civil Engineering Industry Advisory Council and currently is chairman-elect of the Auburn Alumni Engineering Council. He is a former chairman of the development committee, with involvement in the development of the enhanced annual giving program. In addition, he has played an active role in developing the Young Engineering Alumni Leadership Committee.

Stone, his wife Linda ’79, and their son and two daughters reside in Birmingham where he is active in community affairs.

“There are several really important events in a person’s life — and probably the first to occur is college graduation. It is so important to pick the right school and I have never regretted choosing Auburn. In my judgment, Auburn’s Ginn College of Engineering is greatly underrated now and was when I graduated in 1947. I am confident that with the help of our many successful graduates it can and will be better and I want to do my part to achieve that goal.”

“Like many Auburn Engineering graduates before and after me, I was blessed with an outstanding educational foundation upon which to build a career. The Samuel Ginn College of Engineering is demonstrating great leadership through its vision to move into the top tier of engineering programs in the country, a task made increasingly difficult by declining state support. I believe in this vision and, through my financial support, want to help ensure that future Auburn Engineering students benefit from the same opportunities I experienced.”
George E. Uthlaut ’54
Chemical Engineering
Retired Senior Vice President, Operations
Enron Oil and Gas Company

As a student, George Uthlaut was active on campus, participating in numerous organizations. He was a member of Tau Beta Pi, Phi Lambda Upsilon, and Phi Eta Sigma honor societies, and a member of Phi Delta Theta social fraternity. He also served as vice president and treasurer of the student body and was president of Blue Key. While at Auburn he met elementary education major Dorothy Stafford ’54 who later became his wife.

With his commissioning at graduation, Uthlaut served almost four years as an aviator in the U.S. Navy. Following his military service, he joined Exxon (then Humble Oil) as a petroleum engineer. He progressed through a number of technical and management positions, including supervising the development of the giant Jay Oil Field in Northwest Florida.

After meeting the challenges of numerous promotions, Uthlaut became president of Exxon Pipeline Company in 1977. After four years as Exxon’s representative on the construction of the Trans-Alaska Pipeline, he moved to New York as assistant to the president of Exxon Corporation. He was then appointed vice president of Esso Middle East, subsequently moving to London as managing director of Esso U.K. After a long and successful career with the company, he retired in 1986.

However, Uthlaut soon accepted an offer to join Enron Oil & Gas Company as senior vice president of operations. With years of experience in the petroleum industry, he was a valuable member of Enron’s management team. After helping that company grow from a small venture to one of the country’s largest and most active and profitable independent oil and gas production companies, he retired in 1995.

Uthlaut serves on the development committee of the Auburn Alumni Engineering Council. Both he and his wife are dedicated supporters of the college through the George E. and Dorothy Stafford Uthlaut Endowed Professorship in Chemical Engineering. The Uthlauts have two children and reside in Houston where they are active in community organizations.

Dwight L. Wiggins, Jr., ’62
Mechanical Engineering
Retired President
Tosco Refining Company

Dwight Wiggins graduated from Auburn University where he received both bachelor’s and master’s degrees in mechanical engineering. As a student, he was invited to membership in Sigma Nu social fraternity and Omicron Delta Kappa student honor society. An Army ROTC student, he served in the U.S. Army Corps of Engineers following graduation.

Wiggins began his professional career in 1967 with Exxon. From 1967 to 1993, he held numerous professional and managerial assignments with the company. In 1993, he was offered the helm of Tosco Corporation’s Bayway Refining Company. In 1996 the company reorganized its corporate structure and Wiggins became president of Tosco Refining Company. At the same time, he was also named executive vice president of Tosco Corporation. His responsibilities continued to expand and by 2001 they included refining and distribution facilities in New Jersey, Pennsylvania, Louisiana, Illinois, California and Washington state.

After a successful tenure with the company, Wiggins retired from Tosco in 2001. At that time he had overall management responsibility for combined U.S. refining capacity of more than 1.3 million barrels per day, which made Tosco the third largest U.S. refiner, with an employee base of approximately 4,800 people. He consistently generated positive cash flow and after-tax profits through a strong focus on safe, reliable and environmentally sound operations combined with relentless expense control and well defined individual accountability.

Since leaving Tosco in 2001, Wiggins has participated in several financial ventures including residential construction projects in Scottsdale, Ariz. He recently served on the National Petrochemical Refiners Association executive board and is past chairman of the Western States Petroleum Association. Over his career, he has been active in numerous civic and charitable organizations.

A longtime supporter of Auburn Engineering, Wiggins currently serves as chairman of the Auburn Alumni Engineering Council’s development committee. Married to Sally Price Wiggins ’62, the couple maintains a residence in Scottsdale, Ariz. but lives primarily in Basking Ridge, N.J. They have two children.
Donor Recognition

15. . . . . Awards and Recognition
16. . . . . Hall of Fame
17. . . . . Engineering EAGLE Program
20. . . . . Endowments
22. . . . . Lifetime Contributors
23. . . . . Senior Class Challenge
23. . . . . Organizations
Samuel Ginn College of Engineering Faculty/Student Awards and Alumni Recognition

Each spring, the Samuel Ginn College of Engineering recognizes a select group of students and faculty who have achieved standards of excellence worthy of acknowledgment from their peers. Auburn Engineering takes tremendous pride in its reputation as one of the Southeast’s finest programs. Through their dedication to their studies, research and teaching, respectively, these students and faculty members exemplify the spirit of Auburn Engineering.

Additionally, during the ceremony, each department honors a graduate whose contributions to the field of engineering have made him or her stand out as a shining example of what determination, coupled with an Auburn Engineering education, can accomplish.

The honorees from the 2003 awards ceremony are as follows:

Fred H. Pumphrey Teaching Award
Ronald M. Barrett, Aerospace Engineering

Outstanding Alumus Awards
George M. Lanningham, Aerospace Engineering
Jesse Svanor, Biosystems Engineering
Tom Hendrick, Chemical Engineering
Cliff G. Thompson, Civil Engineering
Burke Cox, Computer Science and Software Engineering
Michael Arthur DelMauroibus, Electrical and Computer Engineering
Robert L. Davis, Industrial and Systems Engineering
Richard H. McSwain, Materials Engineering
Charles E. Gavin III, Textile Engineering

Pumphrey Outstanding Pre-Engineering Students
Paul Joseph Minor, Chemical Engineering
Kathleen R. Donovan, Civil Engineering
Adam Joel Taylor, Civil Engineering
Julia Michelle Bower, Civil Engineering
David Last, Electrical and Computer Engineering
Daniel T. Milton, Electrical and Computer Engineering
Laura D. Ankerson, Mechanical Engineering
Mark Alan Whitt, Mechanical Engineering
Timothy J. Calloway, Software Engineering

Fred and Mary Lou Birdsong Study Abroad Scholarships
Jonathan Metts, Aerospace Engineering
Georjan Warren, Aerospace Engineering

Pi Gamma Tau Membership
Samantha J. Roberts, Aerospace Engineering
Paul Joseph Minor, Chemical Engineering
Leah M. Pasqualine, Chemical Engineering
Julia Michelle Bower, Civil Engineering
Kathleen R. Donovan, Civil Engineering
Benjamin Lloyd Hegler, Pre-Civil Engineering
Adam Joel Taylor, Civil Engineering
James Rex Walker, Civil Engineering
Benjamin Russell Hamilton, Electrical Engineering
David W. Hodo, Electrical and Computer Engineering
David Last, Electrical and Computer Engineering
Daniel T. Milton, Electrical and Computer Engineering
Laura D. Ankerson, Mechanical Engineering
David A. Musgrove, Mechanical Engineering
Mark Alan Whitt, Mechanical Engineering
Timothy J. Calloway, Software Engineering

William F. Walker Teaching Awards for Excellence
David Mills, Chemical Engineering
Jay Khodadadi, Mechanical Engineering

Auburn ASPE Outstanding Student Engineer
Elizabeth Claire Booth, Civil Engineering

Outstanding Students
Kate Blackmar, Aerospace Engineering
Christina van Santen, Biosystems Engineering
Juan C. Boulton, Chemical Engineering
Elizabeth Claire Booth, Civil Engineering
Aristan Sachitano, Computer Science And Software Engineering
Jeremy S. Prickett, Electrical and Computer Engineering
Jacqueline F. Grim, Environmental Science
Elizabeth A. Wagner, Industrial and Systems Engineering
Victoria L. Salazar, Materials Engineering
Rory Jason Jones, Mechanical Engineering
Mark A. Presley, Software Engineering
Andrea Janel Smith, Textile Engineering

Frank Vandegrift Co-op Award
Juan C. Boulton, Civil Engineering

Outstanding Faculty
Ronald M. Barrett, Aerospace Engineering
James W. Baier, Biosystems Engineering
Stephen A. Perusch, Chemical Engineering
Anton K. Schindler, Civil Engineering
David A. Umphress, Computer Science and Software Engineering
Charles A. Gross, Electrical and Computer Engineering
Gerald A. Davis, Jr., Industrial and Systems Engineering
Tony Overfelt, Materials Engineering
George Flowers, Mechanical Engineering
Sabit Adanur, Textile Engineering

Samuel Ginn Professorship
Bruce Tatarchuk, Chemical Engineering
Wayne Johnson, Electrical and Systems Engineering
Chan Park, Industrial and Systems Engineering

Alumni Engineering Council Research Awards
Senior Award
Chris B. Roberts, Chemical Engineering
Alvin S. Lim, Computer Science and Software Engineering

Junior Award
Juan E. Gilbert, Computer Science and Software Engineering

Square D Professorships
Charles A. Gross, Electrical and Computer Engineering

Earle C. Williams Eminent Scholar
J. David Irwin, Electrical and Computer Engineering

Distinguished University Professorships
Richard C. Jaeger, Electrical and Computer Engineering
Malcolm J. Crocker, Mechanical Engineering

George E. and Dorothy Stafford Uthlaut Professorship
Christopher B. Roberts, Chemical Engineering

Technology Management Professorships
Robert L. Biflin, Industrial and Systems Engineering
P. K. Raju, Mechanical Engineering

John and Mary Sanders Professorship
Y. Y. Lee, Chemical Engineering

Alumni Professors
Ronald M. Barrett, Aerospace Engineering
Jitendra K. Tugnait, Electrical and Computer Engineering
Sabit Adanur, Textile Engineering

Gottlieb Professorships
Dan Brown, Civil Engineering
J. Michael Stallings, Civil Engineering

Philpott-WestPoint Stevens Professorships
Gopal Krishnamoorthy, Chemical Engineering
Subhash Sinha, Mechanical Engineering
James H. Cross II, Computer Science and Software Engineering

Tony Overfelt, Mechanical Engineering
Yehia E. El-Mogahzy, Textile Engineering
Alice E. Smith, Industrial and Systems Engineering

Richard D. and Marjorie M. Quina Professorship
Jeffrey C. Suhling, Mechanical Engineering

Feagin Professorship of Civil Engineering
George E. Ramey, Civil Engineering

Bradfield & Gorrin Scholar
Mark O. Barnett, Civil Engineering

**FAST FACTS**

First in the nation to offer a bachelor’s degree in wireless engineering.
State of Alabama Engineering Hall of Fame

Auburn has produced some of the country’s most respected engineers. These individuals have made valuable contributions to the field of engineering as well as to the communities in which they live and work. Their achievements have touched each of us.

As a way to honor its native sons and daughters who distinguish themselves in engineering, the state of Alabama in 1987 founded the Engineering Hall of Fame. The Hall of Fame “honors, preserves, and perpetuates the outstanding accomplishments and contributions of individuals, projects, and corporations/institutions that have brought and continue to bring significant recognition to the state of Alabama.” Five of the seven 2003 Hall of Fame individual inductees were Auburn graduates. They are:

- John W. Brown ’57
- Bryghte Davis Godbold ’36
- Charles D. McCrary ’73
- Leonard L. Mitchum ’51
- John Thomas Walter ’55

Additionally, Auburn was represented in the projects and corporation chosen for this year’s Hall of Fame. They are:

- Emergency I-65 Bridge Replacement
  A joint venture of The Morris Group and Brasfield & Gorrie
  Miller Gorrie ’57 and Walter Morris ’57

- NCAT Pavement Test Track
  The National Center for Asphalt Technology at Auburn University
  Formed in 1986 in conjunction with the National Asphalt Pavement Association

- Volkert & Associates
  Honored for their achievements in engineering award winning infrastructure
  President and CEO T. Keith King ’58
The Engineering EAGLE program, with its Flights of Philanthropy, recognizes a special group of Auburn alumni and friends who invest in future generations of Auburn engineers by supporting the Samuel Ginn College of Engineering annually. EAGLE represents “Exceptional Annual Gifts Lift Engineering,” and much like the wings of an eagle, Engineering EAGLEs lift the college to new heights, expanding on the tradition of excellence Auburn engineers have already provided to this state, region and nation.

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Donors of January through December 2002

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Conducts approximately half of the university’s $62 million in annual research expenditures and is the largest research program of any in the state.
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FAST FACTS

U.S. News and World Report America’s Best Colleges 2003 ranking for undergraduate programs at accredited engineering schools whose highest degree is a doctorate:
- Third in the Southeastern Conference
- Thirty-third among publicly funded schools
- Fifty-ninth nationally
Endowed Scholarships
Augusta Jean Buck Memorial Fund for Excellence in Engineering
Angelo Tomasso, Jr. and Joy Love Tomasso in Memory of Anna H. and James P. Love Endowment Fund for Scholarships in Engineering
Cleveland L. Adams Scholarship Fund
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BCM Engineers, a division of ATC Group Services Company, Endowment Fund for Scholarships for Minorities in the College of Engineering
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Coca-Cola/Auburn University Minority Science, Engineering and Mathematics Endowed Scholarship Fund in the College of Engineering
Ware Gaston Family Endowment for Scholarships in the College of Engineering
Dwight and Sarah Carlisle Presidential Endowed Scholarship Fund in the College of Engineering
John K. Hodnette Memorial Scholarship Fund
Donald J. Park/FPL Scholarship Endowment
Douglas R. Connell Memorial Endowment Scholarship
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Alabama Power College of Engineering Endowed Scholarship in Electrical Engineering Faculty Scholarship Endowment
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Kent Luttrell Endowment Fund for Scholarships in Aerospace Engineering
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McCartney Construction Company, Inc. Highway Engineering Endowed Scholarship Fund
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Endowed Faculty Development Program in the College of Engineering

Program Endowments
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Jack Birdsong Industrial Engineering Enhancement Endowment
Fred and Mary Lou Birdsong Endowment
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Michael Pindzola Fund for Excellence in Aerospace Engineering
Hayes Endowment for Diversity
College of Engineering Endowment Fund for Excellence in Engineering
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Stephen F. and Sharon J. Thornton Fund for Excellence in the Samuel Ginn College of Engineering
Department of Industrial and Systems Engineering
Fund for Excellence

Graduate Endowments
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Ronald D. and Margaret L. Kenyon Endowment for Fellowships in Asphalt Technology

Dixie Pima Southern Division Endowment
Fort James Foundation Endowment for Scholarships in Pulp and Paper Education
BE&K Endowment for Scholarships in Pulp and Paper Education
Willie L. Clark and George S. Clark Endowment for Scholarships in the College of Engineering
Grigg-Burns Endowment for Scholarships in the College of Engineering
Georgia Pacific Foundation Endowment for Scholarships in Pulp and Paper Education
Kenwood C. Nichols Endowment for Scholarships in Pulp and Paper Education
Herbert Knox Payne, Jr. Endowment for Scholarships in the College of Engineering
ABB, Inc. Endowment for Scholarships in Pulp and Paper Education
Champion International Corporation Endowment for Scholarships in Pulp and Paper Education
John C. Adams/Alabama Power Foundation Endowed Scholarship Fund
Roser Memorial Endowment for Scholarships
Studdard Estate for Textile Engineering
Dr. Andrew Hsu Endowment for Scholarships in Chemical Engineering
Jeremy Ethridge Endowment for Scholarships in Electrical Engineering
Ralph O. Bush Presidential Endowment for Scholarships in the College of Engineering
Adtran, Inc. Endowment for Scholarships in the Auburn University College of Engineering
Marshal S. Caley Endowment for Scholarships in Aerospace Engineering
Leonard L. and Ila Smith Mitchum Endowment for Scholarships in the College of Engineering
John S. Henley III Endowment for Scholarships in the Samuel Ginn College of Engineering
Betty Fisher Riley Endowment for Scholarships in the College of Engineering
George and Edna Russian Endowment for Scholarships in Civil Engineering
Alan P. Hudgins Endowment for Scholarships in Civil Engineering
Birdie Tucker Smith Endowment for Scholarships in the College of Engineering
Raymond T. and Martina A. Roser Endowment for Scholarships in Engineering
Richard and Rita Porterfield Endowment for Scholarships in the Samuel Ginn College of Engineering
Richard T. Scott Endowment for Presidential Scholarships in the Samuel Ginn College of Engineering
Gulf States Paper Pulp and Paper Endowment
Becky and Ed Lewis Endowment for Scholarships in the Samuel Ginn College of Engineering
Elmer B. Harris Endowed Scholarship/Alabama Power Foundation Endowed Scholarship Fund
Cleburne A. Basore Scholarships in Chemical Engineering
Elizabeth Edwards Charitable Remainder
Dr. Philip W. Lett Endowment for Scholarships in the College of Engineering

FAST FACTS
Sixteenth in the nation in number of bachelor’s degrees awarded to African-Americans, according to Black Issues in Higher Education.
Lifetime Contributors to the Samuel Ginn College of Engineering

Anyone familiar with Auburn University knows that tradition is important to us.

In the Samuel Ginn College of Engineering, we value our history, even as we look forward to a future filled with possibilities. While we eagerly anticipate the changes that the coming years will bring to our college, we realize that we did not arrive at this point alone. In the course of our 131-year history, the college has been fortunate to gain the loyalty and affection of thousands of graduates. Many of those graduates have chosen to express their esteem for the college through a lifetime of charitable giving. While some of these gifts were presented to us in lump sums, others are the result of year after year of faithful annual giving. The support of each of these individuals has played a valuable role in building the Samuel Ginn College of Engineering into the respected institution that it is today. To these individuals and their families, we express our deepest gratitude.

The following individuals have achieved lifetime cumulative giving of $50,000 or more:

1925
Mrs. Edward J. Hugensmith (Corrice)*
1927
Mr. & Mrs. William Francis (Leeoda)*
Mr. James B. Davis (Sara)*
Dr. & Mrs. James W. Goodwin (Virginia)
1929
Mr. & Mrs. Harry W. Parmer (Eunice)*
1932
Mr. & Mrs. Elton Z. Huff (Lois)*
Mr. & Mrs. Cary S. Hooks (Elizabeth)*
1934
Mr. & Mrs. Fred Birdsong (Mary)
Mr. F. Erskine White*
1935
Mr. James J. Danaher*
1937
Dr. Daniel W. Duncan
1943
Mr. & Mrs. Will M. Gregory (Robbye)
Mr. & Mrs. Charles B. Hopkins, Jr. (Virginia)
Mr. & Mrs. John H. Sanders (Mary)
1944
Dr. & Mrs. Philip W. Lett, Jr. (Katy)
1947
Dr. Kenneth J. Barr
Mr. George W. Whitmire, Sr.
Mr. & Mrs. Albert J. Smith, Jr. (Jule)
Mr. Creighton C. Lee
1948
Mr. & Mrs. Richard D. Quina (Marjorie)
Mr. Norman L. Liver, Jr.*
Mr. James M. Sims*
Mr. & Mrs. Robert J. Sweeney, Jr. (Lacy)
Mr. J. Burl Galloway*
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Mr. & Mrs. Angelo Tomasso, Jr. (Joy)
Mr. & Mrs. Elmer C. Hill (Carolyn)
Mrs. Hoyt A. McClendon (Maxine)
1950
Mr. Clarence H. Hornsby, Jr.
1951
Dr. & Mrs. Earle C. Williams (June)
Mr. & Mrs. Leonard L. Mitchum, Jr. (Ila)
Mr. John C. Totty, Jr.*
Mr. & Mrs. Edwin P. Vaiden, Jr. (Meryl)
1954
Mr. & Mrs. George E. Uthlaut (Dorothy)
1955
Mr. & Mrs. Rodney L. Grandy, Jr. (Geneva)
1956
Dr. & Mrs. J. Tracy O’Rourke, Jr. (Lou Ann)
Mr. & Mrs. L. Ray Taunton (Jackie)
Mr. Charles M. Jager
1957
Dr. Daniel E. Breeden
Mr. John P. Brandel*
Mr. Terry A. Kirkley*
1958
Mr. & Mrs. Joe T. McMillan (Billie Carole)
Dr. Dwight L. Carlisle, Jr.
Mr. William M. Brackney
1959
Dr. Samuel L. Ginn
Mr. & Mrs. Albert M. Redd, Jr. (Susan)
1960
Mr. Howard E. Palms
1961
Mr. James W. Ricks, Jr.*
Mr. & Mrs. James D. McMillan (Paula)
Mr. Jack W. Boykin
1962
Dr. & Mrs. Ralph S. Cunningham (Deborah)
Mr. & Mrs. Wiley M. Cauthen (Jo Ann)
Mr. Donald L. Luger
Mr. Dwight L. Wiggins, Jr.
1963
Mr. John S. Henley II
Mr. Dan H. Broughton
1964
Mr. & Mrs. L. Owen Brown (Brookes)
1965
Mr. William F. Hayes
1968
Mr. & Mrs. William R. McNeil (Lana)
1969
Mr. Garland H. Duncan*
1971
Mr. Joe W. Forehand
1974
Mr. & Mrs. Alan P. Hudgins (Joi)
1977
Mrs. Melissa B. Herkt
1982
Mr. Donald J. Parke

Friends
Mr. & Mrs. Ronald D. Kenyon (Margaret)
Ms. Hilda G. Buck*
Mr. & Mrs. Richard T. Scott, Jr. (Blair)
Mr. Howard Strong*
Ms. Louise K. Hall*
Mr. J.B. Braswell
Ms. Brenda Hayes*
Dr. Andrew C. Hsu*
Mr. Joseph E. Atchison
Mr. & Mrs. John C. Hodnette (Dorothy)

*Deceased

Donors of January through December 2002
Senior Class Challenge

Beginning with the 2001/2002 senior classes, the Samuel Ginn College of Engineering began challenging graduates to make a gift signifying their class year—$20.02 for the first year, and increasing one cent with each subsequent class year. This challenge serves as an opportunity for graduates to not only give back to Auburn, but also to serve as examples for future generations of Auburn Engineers. The funds raised by the Senior Class Challenge will go toward the vision of the College of Engineering to become a top 20 engineering institution. These funds will support student activities and projects that will help the college achieve its goal.

Organizations

The following organizations have contributed $25,000 or more to the college during the 2002 calendar year:

- Alabama Power Foundation
- Alabama Textile Education Foundation
- American Cast Iron Pipe Company
- BellSouth Corporation
- Charles I. Fraley Trust
- Colazzo Enterprises
- Com Ed
- E.I. DuPont De Nemours & Company
- Exelon Corporation
- ExxonMobil Corporation
- ExxonMobil Foundation
- Ginn Family Trust
- IBM Corporation
- Mirant Corporation
- Southern Nuclear Operating Company

FAST FACTS

Our students comprise one third of Auburn University’s honors students and eighty percent of its co-op students.

Faculty

156... Tenure-track teaching

Students

Enrollment:
Undergraduate...2,996
Graduate......656
Total.........3,652
In appreciation of the many people who dedicate themselves to the advancement of the Samuel Ginn College of Engineering, the Development staff is pleased to unveil this first Cupola Report. As we worked to compile the information for this publication, we reflected on how important our alumni and friends are to the life of the college. Each of you has contributed a great deal toward our success through your gifts of resources, time and talent.

As many of you are aware, our goal is to join the country’s top 20 engineering programs. To do so will allow us to offer our students world-class educational programs and enrichment opportunities comparable to those of the nation’s most elite colleges. Our success will be measured by the success that our graduates achieve as they pursue their careers. Additionally, as we work to position ourselves as a top program, we will create an environment for preeminent researchers. As industries seek to capitalize on emerging technologies, Auburn will become an economic engine for our region, thus creating innumerable opportunities for the people of Alabama.

Thanks in part to our generous benefactors, the college is at an exciting place in its history. We are moving steadily upward in the rankings, and are keeping pace with emerging national challenges and priorities. Our researchers are developing technologies that will protect our food and water supplies from harmful agents. Auburn’s Center for Microfibrous Materials Manufacturing is working to make filters that can protect emergency responders from deadly airborne materials and protect our buildings from airborne threats. Textile engineering researchers are developing lightweight portable artillery protection for military vehicles as well as more comfortable flak jackets for military personnel. These and other technologies are helping to move Auburn into the forefront of America’s engineering programs.

We have realized tremendous accomplishments in recent years. These achievements have elevated Auburn’s reputation and have raised the bar for future success. As we prepare ourselves to meet the benchmarks of an overall top 20 ranking, the participation of all of our alumni and friends is critical. Our goal is to take the strong foundation that has been established and build the Samuel Ginn College of Engineering into the national engineering powerhouse that we believe it capable of becoming. Without you, we could never have come this far. Without you, we cannot make this quantum leap into the realm of the country’s leading engineering institutions. With you, everything is possible.