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Industrial and Systems Engineering
Georgia Institute of Technology
Atlanta, Georgia 30332-0205
A Unit of the University System of Georgia

ISyE's Mission . . .
. . . is education—the creation, assimilation, integration, and dissemination of knowledge involving industrial and systems engineering.

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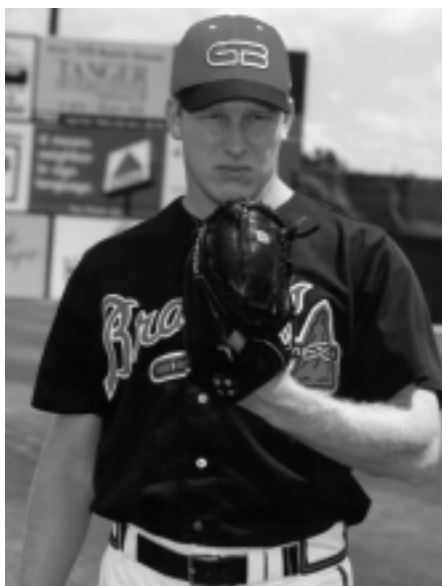
First IE Professor Receives Whitaker Foundation Biomedical Grant

Professor Eva K. Lee has been awarded a \$206,452 grant from the Whitaker Foundation for her groundbreaking biomedical research. The grant is one of the most prestigious awards in biomedical research, and this marks the first time it has been awarded to an industrial engineer.

Dr. Lee's expert system, in which MRS-imaging and treatment are bonded together within an automated planning procedure, is a breakthrough for the fight against prostate cancer. It promises to have a significant impact on the recurrence rate and quality of life of prostate cancer patients.

Dr. Lee also has been invited to present on *Mathematics in Medicine* at the Annual Meeting of the American Association for the Advancement of Science, to be held in February in San Francisco. This is one of the oldest and most prestigious general science organizations, which publishes *Science* magazine. Dr. Lee's talk will involve mathematics and optimization techniques applied to treatment planning in radiation therapy, with case studies focusing on prostate cancer and brain tumors.

L.J. Yankosky Soars to New Heights on the Mound and in the Cockpit



L. J. (Leonard Joseph) Yankosky could have picked up the diploma for his master's in industrial engineering at the Spring 2000 Commencement, but he didn't make the ceremony. He was at work, pitching against Knoxville. Like most Georgia Tech graduates, Yankosky had a job lined up before graduation. But few graduates can claim an 11th-round draft pick by the Atlanta Braves!

This is actually Yankosky's second season in Greenville, South Carolina, pitching for the AA Greenville Braves. "My goal is the major leagues, but you set a lot of goals in between," he says. The next step up is Richmond, Virginia, and then, Turner Field in Atlanta – the "Show." If he's really lucky, he'll bypass the AAA team and go straight to Atlanta. "You rise through the ranks, and the factors are out of my control. It depends on the performance of the other teams – how the other players are doing. It can work for or

against you." He adds, "There is a lot of uncertainty, and not much feedback. But you know when you're doing good."

Either way, it's a long climb for a guy who has already accomplished what many can only dream. And it's especially unusual circumstances for a Tech graduate, who could be living comfortably on a high-figure salary, to be living in motels in successive small Southern cities. But the 25-year-old Yankosky, a native of Springfield, Virginia, has set a lot of goals for himself, and it's the light at the end of the tunnel that keeps him going.

School already seems like a long time ago. He completed work on his master's in February, just days before reporting to spring training. Recipient of a prestigious NASA fellowship, his graduate work focused on the Cockpit Display of Traffic Information in airplanes, a facet of human-machine systems. Yankosky teamed with Dr. Amy Pritchett to add information to the cockpit's display. The ultimate goal is to increase the level of the pilot's responsibility, without taking any responsibility away from the controllers. This makes the skies safer for everyone.

"We hope to give pilots a better level of understanding of what is going on around them in the traffic flow in the air," he explains. "Additionally, we created new operations that are not currently performed by pilots in air traffic control. The two things we're having the pilots do are now being done by controllers. So what we're trying to do is give the pilot more information in the cockpit by virtue of displays and procedures instead of having to

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MESSAGE FROM THE CHAIR

If the rest of our century moves as quickly as the first year of this new millennium, then look out – we'll be celebrating the bicentennial of Georgia Tech before we know it! One reason that things seem to be moving so fast is the sheer amount of activities and growth within our program. Here's just a short sample:

- *Our students are smarter and better than ever. Recruiting for graduates is fierce, and the average starting salaries for our undergraduates rose to more than \$47,000 per year, second only to the School of Electrical and Computer Engineering. A visionary group of undergraduate students helped to create a Student Advisory Board, an organization that I am eager to begin in efforts to improve our "community" and many other aspects of student life within the School.*
- *Our faculty is growing as we have added expertise in optimization, statistics, and logistics. Several of our current faculty have received national awards for their teaching and research, including **Ellis Johnson**, who won the prestigious INFORMS John Von Neumann Theory prize for 2000. Two of our assistant professors, **Hayriye Ayhan** and **Anton Kleywegt** have received the National Science Foundation's CAREER Award. (See our Faculty and Staff Updates on page 8.)*
- *Our international programs are off to a great start. The Logistics Institute – Asia Pacific is leading the UPS Global Logistics Program. TLI is exploring further opportunities for involvement in Europe and South America. The Executive Master's in International Logistics began this past Fall Semester with 25 students representing outstanding companies such as Intel, Ford Motor Company, Lucent Technology, UPS, and Federal Express.*
- *The ISyE program is one of the largest single degree programs on our campus. This recent and consistent growth in faculty and students has forced us to move into several different facilities at Georgia Tech including the CRB facility, the Coon Building, SST, and 500 Tech Parkway. With the announcement of Georgia Tech's plan for the Fifth Street project, exciting plans for ISyE's long-term facility needs are being developed.*
- *Our Capital Campaign activities are charging toward the end of the current \$25 million effort. I thank each of you who have helped us begin to meet the needs of our program. We intend to build upon this momentum and launch into a new building and renovation campaign that will be completed by December 31, 2003.*

I hope you enjoy reading our newsletter and ask you to find a way to stay involved with your school. Whether you serve on the Advisory Board, visit as a guest lecturer, attend a TLI short course on logistics, make a gift to the Campaign, send a referral to the EMIL program, or simply join us at Frank Peeples' annual Homecoming party, we need your involvement and ideas to meet our future challenges. As this new century begins, our school is working to not just keep up with the times, but to set the pace.

She's a Winner: Lynn Houston Aims High

Most people will agree that being a full time engineering student is enough to keep you busy. Not Lynn Houston, IE 1999, MSIE 2000. She split her student years winning accolades on the track as well as in the classroom. This summer she competed at the U.S. Olympic Track and Field trials, tying for seventh in the high jump. Lynn may not have made it to Sydney, but she did make everyone at Georgia Tech proud of her accomplishments.

Lynn's career at Georgia Tech was impressive, to say the least. She graduated with highest honors and received a George Fellowship for her graduate work. She was also ACC women's high jump champion four times, Georgia's NCAA Woman of the Year, and All-American in high jump. She was on the ACC Honor Roll from 1994-1999, and received the ACC's James Weaver Corrigan Post Graduate Scholarship. Georgia Tech honored her with the highly prestigious "Total Person Award."

Lynn's interest in industrial engineering and logistics grew out of her exposure to her parent's trucking business. She's interested in consulting, and now that her Olympic goal is on hold, she's looking for work. But her jumping career is still very much on her mind. "The trials were the biggest competition I've been too, and I'm not ready to give it up yet," she says.

Despite her impressive collegiate record, Lynn says she didn't have many athletic or academic scholarship offers out of high school. Georgia Tech attracted her because of its quality as well as the proximity to her parents in Knoxville, and track quickly became an essential part of her Institute life. "I wouldn't have been as disciplined in my academics without the track," she says. "Being part of that experience made me feel that I accomplished so much more."

IE Connections looks forward to relaying many more accomplishments from Lynn Houston.

IEs Show Winning Entrepreneurial Spirit



Richard C. Kessler,
*Ernst & Young
Florida
Master
Entrepreneur of
the Year*

Richard C. Kessler, IE 1968, MSIE 1970, has been named Florida's Master Entrepreneur of the Year by Ernst & Young. Kessler is president and CEO of The Kessler Enterprise, Inc., and Grand Theme Hotels. In November he will compete for the National Master Entrepreneur of the Year Award at a black-tie gala in Palm Springs.

To qualify for the award, the entrepreneur's company must be at least five years old and the entrepreneur must have founded an extremely successful business with long-term growth in such areas as innovation, financial performance, and have a personal commitment to both business and community.

"This is quite an honor," said Kessler. "It has taken many years of successes and near failures to come to such recognition. I have enjoyed many mentors along the way that have shared their experiences with me, and I have also enjoyed being captain of several teams who make visions and dreams come true."

Kessler, a member of the Florida regional development committee and a regular Georgia Tech donor, founded the Kessler Enterprise, Inc., in 1985 after he sold his interest in Days Inn of America for \$50 million. The company was originally involved in banking and planned unit development before it found its niche with themed hotel properties. It now owns and operates four, soon to be five, such hotels around the state of Florida. Kessler is also chairman of Lutheran Brotherhood, a national financial service organization that helps Lutherans link their values and finances with everyday living.



Brady "Tripp" Rackley,
*Ernst & Young
eFinance
Southeast
Regional
Entrepreneur of
the Year*

Brady "Tripp" Rackley, IE 1992, has been named Ernst & Young's eFinance Southeast Regional Entrepreneur of the Year. Rackley is vice chairman of Digital Insight, an Internet banking firm. In November, he will compete for the National Award in Palm Springs.

E-business awards are a new addition to Ernst & Young's annual awards. As with the traditional business categories, e-business winners must be primarily responsible for the growth of a company. Companies must have operated for at least two years and show a profit. In publicly held companies, the founder must be an active member in top management. He or she must possess first mover advantage, or have established a recognized digital brand.

Rackley was the founder, chairman, and CEO of Atlanta-based nFront, Inc., a leading provider of Internet banking services for small- to mid-size financial institutions, which merged with Digital Insight in February of this year. He possesses a comprehensive background in both software development and banking technology, and he is considered an authority on bank technology issues.

"I was honored to be nominated and honored to win. In the past few years, we've grown from one employee to more than 800," Rackley said, noting that his company's growth fully embraced the whole entrepreneurial spirit. "A lot of companies are success stories, but only a few entrepreneurs stay from concept all the way through. I've enjoyed all the pieces at every stage."

Rackley is a director of the Alexander-Tharpe Fund and the Technology Executives Roundtable board and serves on the ISyE Advisory Board.

Bartholdi Named Manhattan Associates Chair

After an international search, Dr. John Bartholdi has been named Manhattan Associates Chair in Supply Chain Management.

It turns out that Georgia Tech didn't have to look very far.

Bartholdi has been an ISyE professor since 1980. He earned a B.S. in mathematics from the University of Florida in 1968, and served two tours of duty in Southeast Asia as a paratrooper before returning to Florida to complete a Ph.D. in operations research in 1977. He has also taught at the University of Michigan and the East China Technological Institute in the People's Republic of China.

Dr. Bartholdi's current interests involve problems of warehousing and distribution. He pursues wider interests in mechanics, voting, and biology.

"Dr. Bartholdi has built a significant reputation in the application of methodology to important logistics problems," says ISyE Chair John Jarvis. "This appointment recognizes these accomplishments and his service to the School in enhancing its reputation and capabilities in the area of supply chain management. We expect that the resources of the Chair will accelerate his and the School's growth in the field."

The chair is funded through a \$1.8 million gift from Manhattan Associates Chairman and ISyE Board Member Alan Dabbieri.



The Importance of Second Chances

Twenty years ago, Doreen Seaquist Hogan was your typical Georgia Tech freshman, juggling the issues of school work, social life, and growing up. A “straight A” honor student, with a love of sports, academics, and music, she fit right in on Tech’s competitive campus. Her successful future looked like a done deal.



Doreen Hogan with Joe Hamilton

The fall of Doreen’s senior year, it all came to a grinding halt. A family tragedy shattered her world, plunging her into depression and threatening to destroy her hard-earned future. But for the faith of one professor, she

was ready to drop out of Tech and forfeit her dream to be an industrial engineer. Doreen tells her story now to honor ISyE Prof. Dr. Faiz Alkhayyal and the many other professors like him who reach beyond their students’

failures to understand their pain. In doing so, they help lost individuals rediscover the confidence and ability they need to persevere.

Doreen’s story was particularly painful. Her mother, a longtime MS sufferer, succumbed to the emotional stress of her illness and took her own life. The family was racked with questions and guilt. Her death followed within a few years of the death of Doreen’s brother at the age of 24. It was the beginning of fall quarter, so after leaving a week for the funeral, Doreen returned to a full load of classes. But her heart wasn’t in it.

“I didn’t share my circumstances with the faculty,” she remembers, “I didn’t want any special treatment. It was then that I met Dr. Alkhayyal in Operations Research. I had failed his first test, really bad, as I just couldn’t crack a book after my mom’s death.”

“I’ll never forget him bringing me into his office and saying, ‘Seaquist, I expect more from you. What’s going on?’” she continues. “I pretended to be numb to the whole process, but turned around at the last moment and shared in confidence with him that my mother had passed away, with no further details. From that point on, Dr. Alkhayyal said that if I worked hard, I could pull my grade up. He gave me no free lunches, and I worked very hard in his class.”

She eventually got a B. “It was knowing

that I could confide in a teacher, and that he believed in me, supported me, and was there to go through any questions I had that made all the difference in the world,” she says.

The rest of Doreen’s senior year was a blur, but she graduated and has worked with McDonnell Douglas/Boeing for 17 years. Her contributions have earned her numerous awards and accolades. She’s now working on her MBA. After avoiding campus for 15 years because of the painful memories, Doreen’s been back twice – meeting Tech’s star quarterback Joe Hamilton on her most recent visit. Her California license plate proudly reads “JOJATEK.”

Doreen is married to another Boeing employee, Eric Hogan, whom she met on the production line. She remains close to her father and her brother, Don, and is actively involved in her church. She would like to hear from other Georgia Tech graduates at dhogan.ie83@gtalumni.org.

During that awful year, Doreen made Dr. Alkhayyal a seashell plaque, which still hangs in his office today. “I share this story every now and again with people to share the human spirit,” she says, “and how necessary it is sometimes to give people second chances.”

She adds, “It also signifies that professors not only have brains, but hearts.”

SENIOR DESIGN CLASS HELPS PEACHTREE ROAD RACE STAY ON COURSE

The 31st annual Peachtree Road Race on July 4th had another successful run in 2000, thanks in part to the ISyE senior design class.

The Peachtree Road Race is the largest 10K in the world, sponsored by the non-profit Atlanta Track Club (ATC). This dedicated group organizes 55,000 official runners, who are often joined by thousands more not possessing the coveted Peachtree number. With three decades of experience, the ATC knows how to hold a race.

But in 1999, major construction in Piedmont Park forced the ATC to make some changes at the finish line, resulting in a bottleneck of unhappy runners. The change also disrupted the flow of runners and spectators attempting to use the Midtown MARTA station. The construction was scheduled to continue through the 2000 race.

The Senior Design team went to work, analyzing each and every aspect of the race, from the tables that hold the runners’

bottled water to the size and release times of the nine start groups. They viewed videos of race participants, created a space matrix for each runner with “The String Experiment” (determining that each runner needs 7 square feet of space when crossing the finish line), and contacted race officials for the Boston and Honolulu marathons for advice. Eliminating expensive and impractical alternatives, they

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Thomas Steps Down as Provost to Head New Internet Center



Dr. Michael Thomas, former professor and department chair of ISyE, has stepped down from his position as provost of Georgia Tech. He will become

executive director of the Center for Internet Research, Policy, and Application, a new center at Tech for the integration of Internet-related research. Thomas will remain as provost until his successor is appointed.

Thomas has been at Georgia Tech for 21 years, serving 11 as either provost or executive vice president. "I've been fortunate to watch the incredible growth of this Institute, both quantitatively and qualitatively," he says. "It's someone else's turn to take Georgia Tech to the next level." Thomas came to Georgia Tech in 1978 from the University of Florida. As ISyE school director, he helped lead the School to national prominence as the number-one ranked program.

In his new role, Thomas will be responsible for increasing collaboration, expanding research opportunities, and forging new research alliances in such areas as information security, information technology policy, e-business, and new hardware and software systems. The position will also focus on forging new linkages with private industry.

Jun-Sheng Li: Rising to the Top of the Logistics Profession



Jun-Sheng Li survived famine, political persecution, and exile to reach Georgia Tech from China. Now, he is reshaping the U.S. transportation industry from his office in Lowell, Arkansas.

Already president of the logistics division of J.B. Hunt Transport Services, the nation's largest publicly traded carrier, Li was also named executive vice president of integrated solutions for the transportation giant in 1998. Li, who received his master's in IE in 1986 and his doctorate in 1989, built the logistics division of Schneider National of Green Bay, Wisconsin, before joining Hunt. He has transformed Hunt's fledgling logistics operation into the fastest-growing division of the company, with some of the largest logistics contracts in the nation, including J.C. Penney, Wal-Mart, and Target.

Li's rise to the top of his profession was not the traditional climb up the corporate ladder. Born in China in 1958, Li and his family endured physical labor, famine, and hunger after his father was imprisoned for writing articles critical of the government. Forbidden to attend national university, he educated himself in science and English until Mao Tse-Tung's death opened the doors to further opportunity in China. Even then, he was forced to major in English, and later earned a master's in business administration. Along the way he studied under Dr. John Bartholdi (ISyE Professor).

Li taught management science before accepting a scholarship to Georgia Tech in 1985. At Tech, he was presented the Institute's prestigious Wunch Award and was named Outstanding Young Engineer in 1995.

But the proudest moment of his life came in November 1998 when, as a naturalized American citizen, he cast his first ballot. Li and his wife live in Springdale, Arkansas, with their two children.

Registrar Roper Retires



Frank Roper came to Georgia Tech in 1956 with his sights set on becoming an industrial engineer. He did just that, earning a BIE in 1961 and a master's in 1963, but he never left Tech. Roper retired last winter after serving as registrar for the Institute since 1968.

The many alumni whose diplomas bear his signature will long remember Roper. He has played an integral role in the campus community that he describes as "my family for the past 44 years," serving as faculty advisor to the Co-op Club for 35 years, and as an officer for numerous other committees.

His most significant accomplishment as registrar, Roper believes, is "the people I've brought to Georgia Tech. They're the best that any school could hope for."

Dr. Augustine O. Esobue

By MaLinda Williams

There are just some people who can't resist solving a problem or being involved...

Professor Esobue happens to fit the mold. In talking with Dr. Augustine O. Esobue, I learned that he joined the Georgia Tech faculty in June 1972 as an associate professor, under a joint appointment with the Health Systems Research Center, after a four-year stint as an assistant professor of operations research at Case



Western Reserve University. In 1977, Esobue was promoted to the rank of full professor with tenure, becoming the first African American in the history of Georgia Tech to do so.

In his long-term residency at Tech, Esobue has made his mark. He is the founder and director of the Intelligent Systems and Control Laboratory whose mission is, according to Esobue, "the exploration of the use of hybrid algorithms and intelligent control methodologies for modeling and solution of complex control problems, especially those with humans in the loop."

Applications range from manufacturing to space, from electrical power systems to water resources, pollution, and a gamut of problems facing the healthcare industry."

Esobue is recognized worldwide as one of the leading contributors to the literature of dynamic programming, fuzzy logic and intelligent control. He is the author of five books and 15 book chapters. He has published more than 150 technical papers, as well as made more than 300 technical presentations. He serves on the editorial boards of six international journals.

Esobue has displayed an uncanny skill and a high level of involvement in the community, both on and off of the Georgia

Tech campus. He is a "White Charter Contributor" to the Harold E. Smalley Health Systems Chair, and the founding chair of the Coalition of 100 Black Youth, Atlanta Chapter. As a member of the 100 Black Men of America, Atlanta Chapter, he has served as co-chair for Administration, Retention and Academic Excellence, Project Success, and the College 100 Mentorship Program. He has been a member of United Way's External Funding and Admissions Committee.

Esobue has received numerous commendations from various governments, including the Fulton County and the City of Atlanta, which he serves as a commissioner and vice chair of the Atlanta Sister Cities Commission. He is also the chair of the American Nigerian International Chamber of Commerce.

Esobue has been noted in Who's Who in Technology, Who's Who in America, Who's Who in Consulting, and most impressive, Who's Who in the World. He was elected in 1972 as Fellow of the American Association for the Advancement of Science. He is a Senior Member of the IEEE and has been short-listed for the rank of Fellow of IEEE, as well as for the Nigerian Academy of Sciences. In 1996,

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Material Handling Short Course Celebrates Half Century of Changes in Logistics

Most people don't give much thought to the behind-the-scenes business of material handling until the store shelves are empty or the gift they've ordered doesn't arrive – unless they have taken the Material Handling Short Course (MHSC) during the past 50 years.

MHSC is the "nuts and bolts" of the supply chain business. The course teaches people how to move, control, and store material. It brings together academicians and industry experts, and provides logistics professionals with the latest information in the field.

The Logistics Institute recently marked the course's 50th anniversary. University of Arkansas Chancellor John A. White, former dean of Tech's College of Engineering and former director of MHSC, was on hand to celebrate. White commented on how the

course and its subject have changed, and how important those changes have been. "Many of the things that go on within the industrial and systems engineering curricula find their way into this course," he said. "The big thing this course has done – and this has played a role in the industrial/manufacturing program continuing its number one ranking – is to provide the interface to the real world for a lot of the faculty and students within the industrial engineering program."

Over the past two decades, the course has attracted an average of 100 students per class, with some years attracting as many as 160. Speakers have come from all over the United States, Mexico, Europe, and Japan and have included academicians, consultants, vendors, suppliers, and end-users.

"Georgia Tech has been 'king of the mountain' nationally in this area, and other universities have relied on Tech to play this role," said White. "Tech was one of the first to focus and build tremendous strength in this area. But it also coincides so closely to what Atlanta is as a city: a major transportation hub, a major distribution hub, and a major logistics hub. If you're going to have strength in material handling anywhere in the country, it ought to be at a place like Georgia Tech."

For more information about the professional series short courses, visit The Logistics Institute at www.tli.gatech.edu.

ISyE Welcomes New Faculty



SHABBIR AHMED has joined the faculty as an assistant professor in optimization and logistics. Dr. Ahmed comes to Tech from the University of Illinois at Urbana-Champaign, where he recently completed his Ph.D. in Industrial Engineering. He also holds a master's in IE from UIUC and a bachelor's in Mechanical Engineering from Bangladesh

University of Engineering and Technology.

Dr. Ahmed's research interests include stochastic programming, integer programming, design and analysis of heuristics, global optimization, capacity expansion problems, supply chain management, and financial engineering. He was recipient of an IBM Research Fellowship, an Alumni Teaching Fellowship, and the Mavis Memorial Fund Scholarship from the University of Illinois. He has conducted research with the IBM's T. J. Watson Research Center.

Dr. Ahmed is a member of the Institute for Operations Research and Management Science, the Institute of Industrial Engineers, and the Society for Industrial and Applied Mathematics. He has authored or co-authored numerous journal articles.



BRANI VIDAKOVIC has joined the faculty as an associate professor in statistics. Dr. Vidakovic comes to Georgia Tech from Duke University, where he has been an assistant professor since 1993.

Dr. Vidakovic holds a Ph.D. in statistics from Purdue University, where his thesis was titled *A Study of Properties of Computationally Simple Rules in*

Estimation Problems. His master's and bachelor's are from Belgrade University. He has previously held visiting teacher positions with the University of North Carolina and Universidad Politecnica de Madrid.

Dr. Vidakovic's research interests include wavelets, Bayesian decision theory, statistical theory of turbulence, T-Minimax theory, statistical computing, theory of algorithmic complexity, and statistical education. He is a member of the Institute of Mathematical Statistics, the American Statistical Association, and the International Society for Bayesian Analysis. He received the I.W. Burr Award for Excellence in Teaching, Consulting, and Research while at Purdue in 1992. He has authored or co-authored three books and numerous journal articles.

Dr. Judith Norback Hired to Promote Workplace Communications Skills

JUDITH NORBACK has joined the ISyE family as a general faculty member. Dr. Norback comes to Tech from the Center for Skills Enhancement, Inc., which she founded and has directed for eight years. She previously held the positions of research scientist at Educational Testing Service and lecturer at Rutgers university. Dr. Norback holds a doctoral and master's degree from Princeton University and a bachelor's magna cum laude from Cornell.

Dr. Norback's research interests are tied to curriculum development. They include writing and presentation skills for undergraduates and teaching assistants. As director of Workplace and Academic Communication, she will work with other faculty to integrate important workplace communications skills into IE courses.

Dr. Norback has conducted projects for the U.S. Department of Labor, the education consortium for the American steel industry, the National Skill Standards Board, and several universities. She is member of the Institute for Operations Research and Management Science and the International Reading Association and has authored six books and numerous articles.

"Congratulations!"



Dr. Jarvis celebrates five faculty members' promotion to full professor. From left: Mark Spearman, Martin Savelsberg, Renato Monteiro, Jane Ammons, and Dave Goldsman.

Several ISyE Faculty were Recognized by IIE in 2000.

Professor **John Bartholdi** and Don Eisenstein won the Award for Technical Innovation. **Justin Myrick**, director of the Health Systems Resource Center, was elected a Fellow. **Don Young**, who died in 1999, was also elected to Fellow posthumously.

Professor **Ellis Johnson** won the prestigious INFORMS John Von Neumann Theroy prize for 2000. He shares the prize with Manfred Padberg of Carnegie Mellon University.

Assistant Professors **Hayriye Ayhan** and **Anton Kleywegt** have received the National Science Foundation's CAREER

Award. This award recognizes outstanding scientists and engineers early in their career who show exceptional potential for leadership at the frontiers of knowledge. It is the highest award bestowed by the U.S. government on young scientists and engineers.

Other Faculty News

Her students and fellow faculty may not know it, but Assistant Professor **Victoria Chen** brings more than engineering expertise to the Tech campus. Dr. Chen is an accomplished dancer, with a resume that includes the Johns Hopkins Dance Company and the Princeton Ballet Society. In addition to her Statistic Modeling and Design classes, she also teaches modern dance for the GT Options program.

Amy Pritchett has been selected as one of 16 recipients of the XVI Sixteen Award, given by the Department of Aeronautics and Astronautics at Massachusetts Institute of Technology. The award honors Department students and alumni under age 35 whose innovation and vision are expected to create a future of opportunity.

Professor **Richard Serfozo** has a new book, *Introduction to Stochastic Networks*, published by Springer-Verlag. Dr. Serfozo's book describes the theory of stochastic network flows that arise in computer/telecommunications, manufacturing, supply chain, biology, and other areas.

All in the ISyE Family: Nash Siblings Honor Parents with ISyE's First Junior Faculty Endowment

Attending Georgia Tech is often a family tradition. But few families can claim the business success of the Nash family: H. Ronald Nash, IE 1970, of InterWest Partners venture capital group's Dallas, Texas, office; Michael R. Nash, IE 1974, vice president of CT Communications in Concord, North Carolina; and Deborah Nash Willingham, IE '78, vice president of Windows Marketing at Microsoft.

The three siblings have joined together to fund an ISyE junior faculty endowment in honor of their parents, Mary Anne and the late Harold R. Nash, EE 1952. The fund will provide resources to recruit and retain some of the best young faculty in the industrial engineering field. The Nashes encourage the School to use the fund to attract and support female applicants to the faculty. "The growing presence of women at Tech was one of the seminal transitions during our time there, and we all identify with the need to accel-

erate that trend. Outstanding role models play an important part in that development," state the Nashes in their commitment letter.

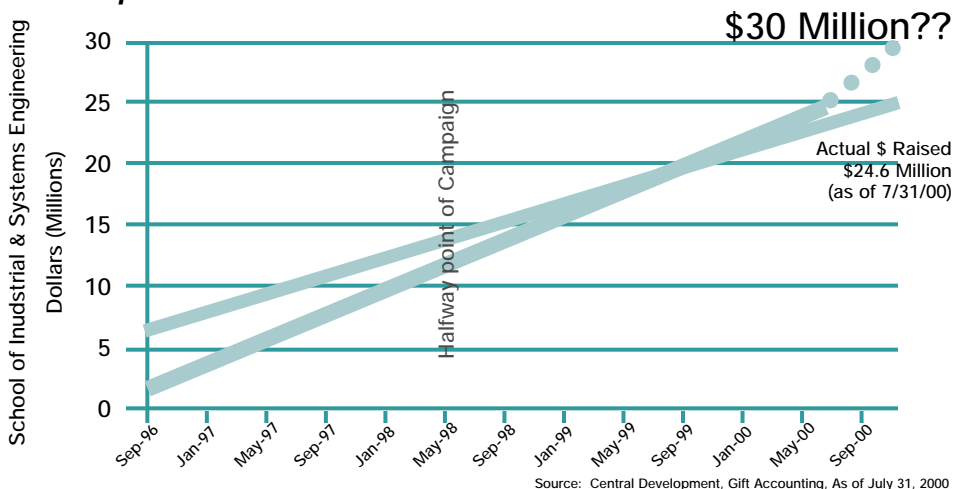
The three Nash siblings aren't the only family members to attend Georgia Tech. Mike married Ellen Evatt, TEXT 1973. Another sister, Mary Alice, married Arthur Ivey, CE 1981. Ron's son David is now a junior in ME, and Mike's daughter Jennifer is a sophomore in architecture.

Both Deborah and Ron are members of the ISyE Advisory Board. Chair John Jarvis is pleased with both the family's personal and financial commitment. "Many families send multiple generations to Georgia Tech, but only a select few choose industrial engineering as their 'family' major," he says. "I am proud to know them and especially appreciate their collective decision to create the Nash Family Endowment Fund."

"The growing presence of women at Tech was one of the seminal transitions during our time there, and we all identify with the need to accelerate that trend. Outstanding role models play an important part in that development."

– The Nashes

ISyE Capital Campaign *The sprint to the finish...*



Development Update

Has this been fun, or what? I often tell people that I have one of the best jobs in the world. What could possibly be better than being a working part of the very best alumni, friends, corporate partners, and foundation supporters in the world? Matching significant needs within the School with people who want to make a positive and lasting impact through the lives of others is a satisfying process. To date, 497 donors have chosen to designate their gifts to the ISyE School (please see this complete list on page 10-11). This includes eight gifts at the \$1 million level or higher, 43 at the \$100,000 level or higher, and 127 above \$25,000. As you can see, some of these commitments are quite large, while others might seem small in comparison – but all are significant. The School and I thank you for your support and it has been a pleasure to be of service to each of you in creating your gifts.

By the time this newsletter is printed, we will be above our initial Campaign target of \$25 million. But before we crack open the first bottle of champagne, let's keep in mind that in 1991, our faculty and Advisory Board identified more than \$47 million in financial needs. With the end of the Campaign little more than a quick 16-week semester away, we've got a good shot at \$30 million. Our Campaign is about meeting the most critical needs of the program and these needs haven't gone away. We will run out of time before I get the chance to speak to all of you who might be interested in investing in our School. For more information on how you can help, please see our Campaign case statement and gift opportunities at www.isye.gatech.edu/campaign or contact me directly if you are in a position to consider a commitment by the end of this year. I look forward to assisting you in helping our faculty and students continue to be the finest IEs in the world.

Raymond Reynolds Jr., IE 1988
Director of Development
(404) 894.2344

raymond.reynolds@isye.gatech.edu

As of May 31, 2000, 497 individuals, corporations, and foundations have made charitable gifts or pledges to The Campaign for Georgia Tech and designated their gifts for the School of Industrial & Systems Engineering. Our thanks go to all that have participated in this Campaign effort. If you want to learn more about the School's development program, have comments, or would like your name listed differently, please call Raymond Reynolds, director of Development at (404) 894.2344, or send an e-mail to:

raymond.reynolds@isye.gatech.edu

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ISyE Shines at Annual Award Ceremonies

Student Honors Program Awards

KATHRYN SHARPE IE 2000

- p **The Helen E. Grenga Outstanding Woman Engineer Award**, presented to a woman engineering student who has demonstrated outstanding scholarship, leadership, and service in her field and in the Tech Community. Dr. Helen Grenga was the first woman faculty member in the College of Engineering. Sharpe received a plaque and a cash award.
- p **The Alpha Pi Mu Outstanding ISyE Senior Award**, presented for outstanding scholarship achievement and significant contributions to the School or the Institute. She received a cash award, and her name will be engraved on a plaque in the ISyE building.
- p **The Kurt Salmon Associates Scholarship in ISyE**, given to a senior for academic merit and contribution to the School. This also carried a cash award.
- p **The Georgia Tech Alumni Association Student Leadership Award for International Study**, which recognizes outstanding students and provides them the opportunity to broaden their educational experience through travel abroad. Sharpe was one of seven honorees.

ELIZABETH CROWELL, IE 2000, and **Tamarra Jenkins**, IE 2000, were among nine students receiving Phi Kappa Phi Faculty Recognition Awards, given to those students who have attained the highest academic averages in the graduating senior class.

HILARY GOODNO, IE 2000, was one of seven students receiving a Georgia Tech Faculty Women's Club Scholarship, awarded to undergraduates who are children of Tech employees. She received a cash award.

ABHESHEK M. KODHA, was one of eight students awarded The Henry Ford II Scholar Award, given annually to the engineering student(s) with the best academic record at the end of the third year of academic study. He received a cash award and plaque.

DEVIN RUSSELL LEWIS, IE 2000, received the Paul T. Eaton Memorial Award, presented to an outstanding ISyE graduating senior for excellence in the areas of facilities planning or material planning. Lewis received a book.

SARAH K. MASON, IE 2000, received the Institute of Industrial Engineers, Atlanta Chapter Award in recognition of her scholarship and contribution to the Georgia Tech Chapter. She received a cash award.

SAMUEL PAUL MERRIWEATHER, IE 2000, received the AESO Systems Graduate Minority Engineering Award, given to an outstanding graduating minority senior admitted to a graduate school in engineering. He received a cash award.

KATIE O'CONNOR, received the Women's Student Union Annual "Make A Difference" Award, bestowed upon students who actively cause positive change concerning women's issues in the Tech community. She received a photographic plaque and card.

Faculty/Staff Honors Luncheon Awards

25-year Gold "T"

Professor Leon McGinnis
Professor Alan Porter

10-year Certificate

Gwen Brown
Professor Jim Dai
Associate Professor Kwok Tsui

ISyE School Honor Reception Awards

Kathryn Sharpe, IE 2000, was named Outstanding Senior.

Paul Griffin was named Outstanding Professor.

Susan Geekie, IE 2000, was named IIE Member of the Year.

Don Ratliff received the Impact Award.

Foley Awards

Joel Sokol was named *Dr. Congeniality*.

Bob Foley was named *The Nutty Professor*.

Christos Alexopoulos was named the *Most Tech Spirited*.

Craig Tovey was named the *Tangent Professor*.

Tony Hayter was named the *Absent-Minded Professor*.

DANIELLE DONEHEW, IE 2000, now holds the women's basketball school record with 241 career 3-pointers. Danielle, who was voted Miss Georgia Tech for homecoming 1999, left Tech with some other great statistics she averaged 9.7 points per game, 9 assists per game, and 1.2 rebounds per game. She was GTE Academic All-District, receiving the ACC Honorable Mention.

CHUCK HUEY, ME 2001, is Georgia Tech's 2000 William L. Bonnell Scholar. Huey is working at Bonnell's aluminum extrusion plant in Newnan, Georgia, this summer, and he will receive a financial award equal to one-half of the tuition and fees for an in-state student for the coming school year.

Wendy Horowitz, IE 2000, received the outstanding Distinguished Student Leader Award at the Georgia Tech Women's Leadership Conference in February.

Anuraag Jain, IE 2000, was quoted in *Business Week* in April for a story entitled "Hot Job Market, Low Expectations." The article describes the class of 2000 as not overly optimistic about job choices. Jain was quoted as an exception – he joined MicroStrategy in June with a total compensation package of about \$60,000.

TAMARRA JENKINS, IE 2000, also received this year's Tau Beta Pi Award, given annually to the top graduating student in the College of Engineering. This is the second consecutive year that an ISyE student has been awarded the Tau Beta Pi Award. Tamarra, a varsity tennis player with a 4.0 GPA, is also a recipient of the prestigious ACC Post-Graduate Scholarship. For the third year in a row, ISyE students have received the ACC Post-Graduate Scholarship. **Lynn Houston** was a recipient in 1999 for her track and field efforts and **L. J. Yankosky** received one in 1998 for baseball. **Paul Stephens** also received one for tennis in 1995. Approximately 15 scholarships are awarded across the 9-member ACC each year.

BETH ECKHAUS, IE 1998, and **Stephanie Lyons**, HS 1999, were named the 1999-2000 Ernst & Young Scholars.

JILL HARDIN, **EVA REGNIER**, **JAY ROSENBERGER**, and **BRADEN HUNSAKER** were recipients of the 1999 ARCS Scholarship Awards, given by the Achievement Rewards for College Scientists Foundation/Atlanta Chapter. The ARCS Foundation honors young men and women who will discover the answers to tomorrow's scientific and technological challenges.

**Congratulations
Everyone!**



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Vice Chairman
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 1964, PhD 1967
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Distribution and Logistics
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 Comprehensive Health Services, Inc.

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 Heidrick & Struggles

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 Alston and Bird

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 Byers Locate Services

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 Summit Partners

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 Standard Group, Inc.

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Strategic Information Analyst (Retired)
 BellSouth Corporation

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1972, PhD 1974
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Dorris and Associates

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Celanese Acetate

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(Retired)
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Manager of Corporate Development
ALCOA, Inc.

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Vice President Sales, United States
IBM Personal Computer Company

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Chairman of the Board (Retired)
Maxx Parts & Equipment

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McKenney's Management Corp.

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President
StoneCreek Capital, Inc.

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Noro-Moseley Partners

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Group Executive (Retired)
Litton Industrial Automation Systems

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Peeples' Industries, Inc.

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Rinell and Associates

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The Coca-Cola Company

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WILLIAM PIERRE SOVEY, 1955
Vice Chairman
Newell Co.

HARRY TEASLEY, 1959
President and CEO (Retired)
Coca-Cola/Nestle Refreshment Co.

MICHAEL E. TENNENBAUM, 1958
Managing Member
Tennenbaum & Co., LLC

VIRGIL WILLIAMS, 1963
Chairman
Williams Service Group

Steven R. Bick, IE 1991, has been appointed vice president of the interactive services division of Abovo Marketing Group, located in Atlanta. Bick was formerly the director of interactive services at Health Science Media.

Linda L. Brennan, BIE 1983, was appointed program director for the Master of Science program in Technology Management at Mercer University. Brennan is an assistant professor in the Stetson School of Business and Economics.

Jeffrey C. Butler, IE 1988, has been promoted to principal with Kurt Salmon Associates.

Tom Cisewski, IE 1988, is serving as director of Accreditation for the Salt Lake Organizing Committee for the Olympic Winter Games in 2002.

Elton Crupie, IE 1979, has been promoted to officer with Kurt Salmon Associates.

M. Paul Daffin Jr., IE 1991, has been named manager of the business-to-business unit for DotsConnect in Columbus, Georgia. Daffin is a former principal of Technology Solutions Company.

Dr. Stephen A. Dawkins, HS 1982, is the new director of Occupational Medicine at Occupational Health International in Atlanta. Dr. Dawkins was previously the medical director of Sentry Software and of Hospital Occupational Medicine. Dr. Dawkins and his wife Arnika have three children.

Doug Fuller, BIE 1982, earned his doctorate in systems engineering in August 1999 from the University of Virginia. After defending his thesis, he accepted a position as director of business development for the First Select Corporation in Pleasanton, Virginia.

Robert C. Gordon, IE 1965, has been named director of Communications and Development, University of Bath, in Bath, England.

Tim Gottfried, IE 1992, has accepted a position as an Investment Banking associate with Chase Securities.

Dana M. Hicks, IE 1979, was promoted to Telecommunications Industry Director at Lockwood-Greene.

Sue Huffman, BIE 1991, joined MSNBC and CNBC as manager of ad sales in the fall of 1999. She lives in New York.

David M. King, BIE 1998, a Navy ensign, recently report for duty at Naval Hospital, Marine Corp Air Ground Combat Center in Twentynine Palms, California.

Christopher Lofgren, IE 1986, has been named chief operating officer of Schneider National, Inc., headquartered in Green Bay, Wisconsin. Lofgren was previously chief information and logistics officer and chief technology officer for Schneider.

Laura McCarty Ogden, IE 1989, has accepted a position as vice president with Salomon Smith Barney.

Jennifer Schroer, IE 1996, was promoted to director of Quality Assurance with EZGO Textron in Augusta, Georgia.

Dr. Hanif Sherali, MSOR 1976, Ph.D. 1979, has been elected to the National Academy of Engineering, which is one of the highest professional distinctions an engineer can receive. Dr. Sherali is W. Thomas Rice Chair of Engineering at Virginia Tech. He was elected for his work with engineering system design based on optimization theory.

Karl Sivenson, IE 1987, has been promoted to principal with Kurt Salmon Associates.

James Sturgis, BIE 1990, has been elected as the first president of Tropicana North America's multi-cultural network in Bradenton, Florida.

Heather Heimke Surdykowski, BIE 1995, was married to Paul Surdykowski on May 22, 1999. Heather works in the Global Purchasing Organization of Lucent Technologies, and Paul is a national account manager at BellSouth. They live in Atlanta.

William B. Swint, IE 1969, has joined SimplyCollectible.com in Atlanta as chief executive officer. Swint was formerly president and CEO of ORB Industries, Inc.

Richard Tyler, IE 1990, is director of planning for Olympic Village, Paralympic Village, and Media Village for the 2002 Winter Games in Salt Lake City. Tyler also served as deputy director of the Olympic Village at Georgia Tech.

Cherryl Turner, HS 1983, of McKesson HBOC received the 1999 Healthcare Information and Management Systems Society (HIMSS) Outstanding Service Award.

Parra H. Vaughan, IE 1985, has been selected by the *Charlotte Business Journal* as one of the top 25 business women in Charlotte, North Carolina. She is the senior vice president and director of Integrated Marketing Communications for First Union Corporation.

J. Foster Watkins, IE 1959, became president and assistant provost of The University of Alabama-Walker College in Jasper on July 1. Watkins was formerly president of Gainesville College.

William H. Wetmore, IE 1975, has been elected vice president of Tredegar Corporation of Richmond, Virginia. Wetmore also serves as president of Tredegar's subsidiary, the William L. Bonnell Co., based in Newnan, Georgia.

Charles Wiley, BIE 1999, has been drafted for the Frankfurt Galaxy in the NFL Europe.



Marriages

Jason Kozakis, IE 1996, married Kimberly M. Cochran on July 31, 1999.



Tech-Babies

Brent Goolsby, 1992, and **Janice Goolsby, 1992**, announce the birth of a daughter, Alexis Elizabeth, on July 28, 1999.

Adam Hugenberg, BIE 1989, and **Missy Dean Hugenberg, BIE 1992**, announce the birth of a daughter, Elizabeth Anne, on December 1, 1999. The family lives in Woodstock, Georgia.

Robert Means, 1993, and his wife **Loren** announce the birth of a daughter, Caroline Ann, on July 27, 1999.

Robert "Robby" Reeves, BIE 1989, and **Julie Collins Reeves, MGT 1990**, announce the birth of their third son, Caleb Thompson, on August 30, 1999. The family lives in Cartersville, Georgia, where Robby is a manager for Shaw Industries and Julie owns a Christian dance studio.



Deaths

Robert L. Acruff, 1960, of Newark, Delaware, on September 1, 1999.

William Thomas Conner, 1969, of Memphis, Tennessee, on August 10, 1999.

Joseph Roy DePriest Sr., BIE 1961, on September 19, 1999, in Savannah. He was retired from CSX Transportation.

Thomas C. Judy Jr., BIE 1983, of Jonesboro, Georgia, on September 25, 1999. He was division sales manager for Atlanta Gas Light Company

Edgar A. Neely, 1960, of Atlanta, on August 13, 1999.

IEs are natural leaders – take a look at how our students are making their presence felt on the Georgia Tech campus:

3 of the 4 Presidents of the Student Foundation

Bird Blitch 1996-1997
Jessica Banks 1998-1999
Jon Eisenburg 1999-2000

President of Golden Key Honor Society

Larry Hsieh 1998-1999

Past 2 Presidents of Georgia Tech Ambassadors

Elena Trebits 1998-1999
Magd Riad 1999-2000

President of The Georgia Tech Student – Athlete Advisory Board

Danielle Donehew 1999

President of Civitan

Sarah Mason 1999-2000

President of Ramblin' Reck Club

Jeff Ramsaur 1999-2000

The NCAA Woman of the Year

Lynn Houston 1999

Chair of President's Council

Steve Slawsky 1999-2000

3 Past Ms. Georgia Techs

Suzy Robinson 1997
Elena Trebits 1998
Danielle Donehew 1999

10 out of 23 Board of Trustees Members 1999

Lindsay Boren
Jon Eisenberg
Wendy Horowitz
Aaron Hurst
Scott Jackson
Drew Morrell
Mary Nishimuta
Ricardo Salgado
Amber Sansom
Kathryn Sharpe

3 National APM Scholarship Winners

Larry Hsieh 1998
Kathryn Sharpe 1999
Smita Tariyal 1999

Omicron Delta Kappa Members

Trey Childress
Stephanie Davis
Erin Dukes
Heather Reynolds
Kathryn Sharpe
Jeff Smith
Greg Sitkiewicz
Joel Whitley

President's Scholars – 1999-2000

Chris Baucom
Nathan Bouknight
Sam Chitwood
Stephanie Davis
Erin Dukes
Adam Helms
Marty Hinson
Ron Kwok
Sarah Mason
Roshan Mehta
Elena Mixon
Wendy Moeller
Leeann Morris
Mary Nishimuta
Ravi Parikh
Chrissy Prues
Jonathan Ruckheim
Steve Slawsky
Horace Smith
Jeff Smith
Smita Tariyal
Drake Tolliver
Matt Warendak
Joel Whitley
Gayle Willis

President of Alpha Delta Pi 1998-1999

Colleen Varley

President of Alpha Xi Delta 1999-2000

Erin Dukes

President of Alpha Chi Omega 1999-2000

Heather Reynolds

Dr. Augustine O. Esogbue

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he was awarded the First Mentor of the Decade Award from the Office of Minority Affairs at Tech. Esogbue, who was a three-year letterman in soccer at UCLA and member of the PAC 100 All Conference Soccer Team, is a member of the Board of Trustees of the Georgia Tech Athletic Association.

Asked if there was a special moment or a moment when he felt "complete" with his career, Esogbue answered, "Being the first winner of the Golden Torch Lifetime Achievement in Education Award of the National Society of Black Engineers. I accepted that award with infinite pleasure and yet humility. It was particularly special because the presentation was made in an Academy Award system atmosphere in Kansas City in March this year, by one of my highly regarded mentees, Dr. Gary S. May, who is an associate professor of electrical and computer engineering here at Georgia Tech." In his acceptance speech, he noted that "one of the fringe benefits of being an academian is being rewarded with awards for doing what you truly love to do and an avocation of sorts, and for producing generations of leaders." Among his most treasured achievements is serving as the Founding Advisor (since 1976) of the celebrated Georgia Tech Society of Black Engineers, which has won far more national honors than any other chapter of the National Society of Black Engineers. He also considers as gratifying his role "as the author of a 1984 road map for Georgia Tech's Affirmative Action (Faculty) Plan, which studied and developed a plan to increase the number of minority faculty from a paltry value of four to more than seven times that number in 15 years. Georgia Tech is now in the enviable position of having the highest number of black faculty of any majority engineering school, one of the highest producers of black master's and doctoral students in engineering in the United States, and the top institutional choice for matriculating black graduate students. It was clearly not the case in the 1970s and 80s. This is significant progress," he added.



Willingham Gives Commencement Speech

DEBORAH NASH WILLINGHAM, IE 1978, was the speaker for the Fall Semester 1999 Commencement. Willingham, vice president of Windows Marketing for Microsoft, told graduates they were entering the working world at an "extraordinary time." Recapping her experience at Georgia Tech and telling of her successful career, she urged the new graduates to make the best use of all the skills they acquire at Tech, to continue learning, and to find a balance between their professional and personal lives.

2000 Tennenbaum Lecture Brings Down the House (at least the roof)!

MICHAEL E. TENNENBAUM's financial contributions helped raise the roof of the Georgia Tech auditorium bearing his name. He watched a piece of that roof come down during a "Politics, Economics, and Investing" lecture in September. Tennenbaum, IE 1958, spoke as a rainstorm moved across campus.

As he spoke, a rain-soaked ceiling tile fell through and rain poured into the Tennenbaum Auditorium. "I guess y'all need more gifts," Tennenbaum quipped. And to the students he said, "Maybe you should start giving money back to the school earlier."

Tennenbaum, managing director of the Los Angeles-based investment firm Tennenbaum & Co., is also chairman of the California High-Speed Rail Authority. The downpour didn't get his talk off-track for long. In addition to politics and economics, he discussed the need for high-speed rail transportation. "A lot of our country's success lies in the fact that we have a great highway system," he said. "But we are way behind in rail. Rail is several

times more energy-efficient."

Tennenbaum pointed out that those who had been caught in one of Atlanta's famous traffic jams could see a field of vehicles with only one person inside them. "That's not a good use of resources. Go to France and ride the high-speed rail system and you'll see how nice it can be. It's getting late to build one" in the United States, in part, because of the congestion in metropolitan areas, Tennenbaum said. "The need for this is growing. There is no national coordination of these issues," he said. "It's kind of depressing."

Tennenbaum established the endowment for the Tennenbaum Lecture in 1977, and this year was the first time he delivered the lecture.



SENIOR DESIGN CLASS

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were able to make specific recommendations to the ATC.

The result: "It flowed like a stream," race director Julia Emmons told the

L.J. Yankosky

Continued from page 1

rely so heavily on the controllers and the controllers' commands to execute."

"The two new operations during their arrival routes are maintaining in-trail separation from another aircraft and having pilots merge their aircraft behind another aircraft to a common arrival stream to the airport," he says. "Our results showed that this research warrants more investigation, and we're very excited about the prospect of having this work become incorporated in the near future."

Aiding Yankosky all the way was Dr. Pritchett, whom he quickly names as a favorite professor. "She made all this possible. She's a dynamic individual – very understanding of my schedule and willing to work with me. We met when I was looking for a research program in human-machine systems. She told me this was the luckiest day of my life." Lucky, because Dr. Pritchett had just received a grant from NASA, and she needed a graduate student.

Yankosky also has high praise for Dr. Alex Kirlik, who introduced him to human-machine systems. "I always made it to his class. He made it fun. He's the kind of professor that is invaluable to the institution – he gets students excited."

Despite the dual life he's led for the past several years, Yankosky's still debating connections between baseball and engineering. "People accuse college players of being analytical, but I don't see that. What I do see is the importance of the discipline and time management skills I acquired at Tech. We played up to five games

Atlanta Journal-Constitution. Ten percent fewer runners sought medical assistance because the adjusted finish line allowed them to sufficiently slow their bodies

a week during the season as well as attending classes. In some ways this is easier."

He hasn't run into too many other engineers on the field, either. "I haven't seen anyone else with an engineering degree. There are a few out here with degrees, and a few who are close, but not in engineering. Even at Tech, all the players were in management," he remembers. "There are plenty of smart players out here, though. Many made the choice to go professional straight out of high school because of financial or other personal reasons."

Most of Yankosky's Tech memories include baseball. "I really enjoyed the experience of college baseball as a whole," he says. "I made friends for life at Tech. I had the opportunity to sign professional after high school, but this was the best move I could have made. Georgia Tech's been great to me, and I hope I can represent it well."

In fact, his trip to the professional mound was delayed more than the four years he originally planned. Injured as a freshman, he still had a year of eligibility left when he completed his bachelor's in 1997. No professional team came calling, so he opted for a fifth year of college ball. On the field that year he led Tech to a 41-22 record, a berth in the finals of the NCAA Midwest Regional, and a final national ranking of 15. He finished his college baseball career with a 25-4 record, the third highest winning percentage of any pitcher in Tech history.

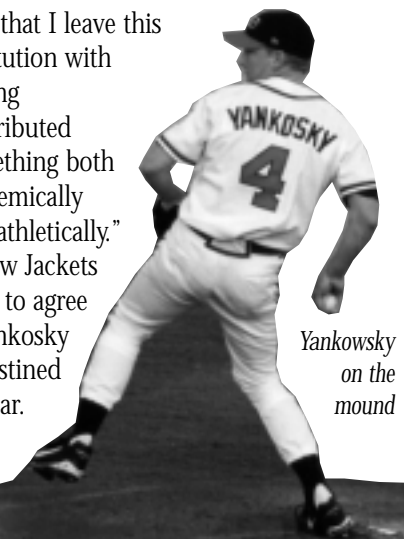
without a sudden stop.

Thanks for the ISyE seniors, it's another race well run. And designed.

Not that baseball was the only thing he accomplished at Tech. Yankosky made GTE Academic All-America, twice, and was on the ACC honor roll every year. He earned Georgia Tech's Total Person Athlete Award, the highest honor given to student-athletes. He finished his bachelor's with a 3.6 GPA and his master's with a 4.0. His personal life includes his wife Shannon, an auditor for Arthur Andersen – "She makes the money," he laughs – and two cats.

So what's next for a guy with the future in the palm of his hand? "I wish I could tell you," he says. "Right now I'm 100 percent devoted to baseball." He's interviewed with a company that understands the needs of his split personality, but the possibility of fall ball may make that impossible. "I don't want to burn any bridges," he adds.

Yankosky was once quoted as saying his goal at Tech was "to make sure that I leave this institution with having contributed something both academically and athletically." Yellow Jackets have to agree – Yankosky is destined to soar.



Yankosky
on the
mound