

# whistle

THE GEORGIA TECH WHISTLE

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## Tech Community Braces For Budget Cuts, Layoffs

By Jackie Nemeth

Calling FY 92 "an extraordinarily tough and frustrating budget year," Tech administrators told employees in campus-wide town meetings that the Institute's state appropriation for the resident instruction budget must be cut by \$6.8 million.

These cuts will be handled through layoffs and reductions in travel, operations and equipment budgets, according to Executive Vice President Michael E. Thomas. He added that Tech employees could expect to know about the specifics of these cuts by the first part of October.

The 7.5 percent reduction in Tech's budget is further compounded by an impending 26 percent cap on the administrative component of indirect costs of research done for the federal government, according to Dr. Thomas.

"It is not completely clear whether the cap will go into effect Sept. 30 as originally planned, or if it will become effective at the beginning of FY 93," Dr. Thomas said. "The cap could mean losses of \$4 million to GTRI and \$2 million in the resident instruction budget."

Tech has taken an approximate 20 percent cut -- in relation to the Regents' old request formula -- over the last five

years, Dr. Thomas said, while adding 91 new faculty positions and taking cuts on the administrative and staff side. "This reduces the flexibility we have to absorb the cuts on the administrative side. We are currently short three police officers, a boiler operator, several payroll positions, and we are trying to hire a vice president for Student Services -- these are all critically needed positions," he said.

President Crecine added that faculty members and academic programs cannot be shielded from these cuts because of the severity of reductions made during the last year. "This leaves us with few options. We will not lay off young faculty because they are our future, and we will not lay off tenured or tenure-track faculty," he said. "The only sensible and humane way is to ask faculty and staff to consider accelerating their retirement plans." (See related article on retirement incentive program on page two.)

Dr. Crecine and Dr. Thomas said they would rely on school directors, deans and vice presidents for making appropriate cuts in personnel, travel, equipment and operations. "We have good managers who best know how to administer cuts in their units," Dr. Thomas said. "We will ask them to accommodate these cuts in a way

that minimizes interference with Tech's momentum. That will be a hard job because these cuts are going to hurt."

Cuts will be made strategically and will not be across the board, Dr. Crecine said. "We are committed to do this in a way that leaves Georgia Tech whole and in a better position in the years to come." He stressed Tech's future still looks bright thanks to a \$13 million increase in new research awards; reaching new heights in private donations; and increases of 23 percent in student applications overall, 76 percent in African-American applicants and 46 percent in women applicants.

"I don't know of a university better positioned than Georgia Tech. I would argue that we have the best student body of any public institution in the nation, and we have great faculty leading both new, up-and-coming academic programs as well as our strong traditional programs," Dr. Crecine said. "In spite of the budget situation, this is and always has been a striving institution, and it's not the time to quit. We may need to rethink and refocus our work, but when state revenues turn around, maybe we can come out of this bad situation stronger than we were before."

## Charitable Campaign Begins Oct. 15

Administrators and department coordinators will prepare for Tech's annual Charitable Campaign at Oct. 3 and 4 kickoff meetings, according to Dr. Dick Fuller, vice president for Operations and campus chairman for the Charitable Campaign. The campaign will run from Oct. 15-Nov. 8.

Dr. Jean Fuller, manager of policies and procedures in the Office of Human Resources; Terry Sichta, associate director of Housing; and Janice Porter, office manager of GTRI's Office of the Director, will serve as campus coordinators for this year's campaign.

Tech's Charitable Campaign is an integral part of the state's Charitable Contributions Program, according to Dr. Fuller. Through Tech's program, employees can make a one-time donation or give via payroll deduction to Metro Atlanta United Way. Employees may also contribute to one or more eligible statewide charities. Tech's 1990 campaign raised a record-setting \$205,000, 25 percent of the total funds raised by University System institutions.

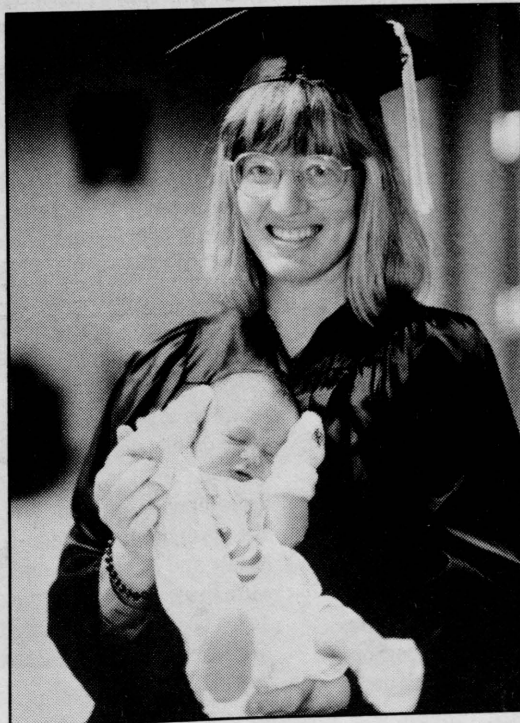
## 600 Students Saluted As Grads With Global Vision

As approximately 600 students became alumni during Tech's Sept. 6 commencement exercises, featured speaker Brian G. Dyson declared, "I salute you for this -- you are graduates of an institution with a global vision."

Mr. Dyson is president and chief executive officer of Coca Cola Enterprises Inc. (See special commemorative insert for details of his speech.)

As the graduates' parents, family and friends looked on in pride, Mr. Dyson said, "I want to try and tell you how I got from where all of you graduates are now -- on the threshold of new lives and careers -- to where I am today. Where I am today is a person who feels fulfilled and humbled by the fact that he has gone further in his career than he ever expected to go when he started out."

He challenged graduates to believe that they could eventually have a position like his one day. "If I were one of you listening to Brian Dyson, I would certainly be listening to see if I could pick out some notion that might be useful," Mr. Dyson said. "But at the same time, I would be bolstering myself with the absolute belief that at some point in my life I could certainly do the same thing.....and probably do it better!"



Gary Meek

Present and Future Yellow Jackets

Suzanne Helen Bradley Hernandez graduated with a bachelor of science in management, cooperative plan, on Sept. 6. Her newborn baby, Helen, came dressed in Yellow Jacket garb, quite appropriate for the occasion.



"Now More Than Ever" -- the theme for Tech's campaign -- is most appropriate, Dr. Fuller said. "Metro Atlanta needs Tech community support 'now more than ever' because of the difficult economic conditions, which result in an unusually great demand for services offered by the supported agencies," he said. "Georgia Tech is a part of the Metro Atlanta community, which helps in many ways to support and assist Tech, and it only seems right that we give something back. Countless people in need, now more than ever, are relying on these agencies to maintain an acceptable quality of life."

Bill Dahlberg, president and CEO of Georgia Power, has set a \$54 million fundraising goal for the United Way of Metropolitan Atlanta, Dr. Dick Fuller said.



## Foundation Passes Retirement Plan Request

During their Sept. 19 meeting, the Georgia Tech Foundation's Board of Trustees allocated \$900,000 for a special retirement incentive program designed to help the Institute through the current budget crisis by encouraging employees to accelerate their retirement plans.

This program provides a special payment equal to three months salary for employees with over 30 years of service who choose to retire within the next several months. By encouraging early retirements, the administration hopes to minimize the number of layoffs made necessary by the 7.5 percent cut in Tech's resident instruction appropriation.

Approximately 70 employees are eligible for the program. "Because of their long service, many of these persons have a generous retirement benefit awaiting them," President Crecine said in a letter to the Georgia Tech Foundation. "Tech could retain services of some of the employees -- thus minimizing the impact on our students -- by rehiring them for the difference between their existing salary and retirement benefit." Eligible employees will be contacted directly about the program.

Dr. Crecine noted a similar program has been successfully implemented in the University of California System. The incentives could potentially save the Institute several million dollars during this fiscal year, as well as provide considerable long-term savings. "A program like this would enable us not only to survive this fiscal year, but also provide us with the flexibility to rebuild and revitalize once this crisis has passed," he said.

## Olympics News From The Board Of Regents

The Atlanta Committee for the Olympic Games (ACOG) will invest at least \$92 million into the University System, according to ACOG President Billy Payne.

Mr. Payne said he is encouraged by the progress made thus far in planning the Games. He outlined the following ACOG investments:

- \$50 million for developing an Olympic Village at Tech;
- \$23 million for building the "finest swimming stadium in the U.S." at Tech;
- \$6 million for developing a marina facility at Skidaway Island for yachting, sailing and other events;
- \$2 million for improving Tech's Alexander Memorial Coliseum, the boxing venue; and
- \$11 million in investments for other facilities and venues, including a yet to be named venue at Georgia State University.

# Chameau Named Civil Engineering Director

Dr. Jean-Lou Chameau has been named director of Tech's School of Civil Engineering.

Before coming to Tech, Dr. Chameau was the area head for geotechnical engineering and professor in the School of Civil Engineering at Purdue University since November 1980.

Last year he was named the first co-winner of the American Society of Civil Engineers' 1989 Casagrande Professional Development Award in recognition of outstanding accomplishments by young practitioners, researchers and teachers of geotechnical engineering. The award also recognized his research contributions in fundamental aspects of soil behavior -- including dynamic behavior, soil-structure interaction problems under both static and dynamic loading conditions and uncertainty in civil engineering designs.

Dr. Chameau has also received a National Science Foundation (NSF) Presidential Young Investigator Award in 1985 and a K.S. Fu Certificate of Appreciation of the North American Fuzzy Information Processing Society in 1987 for evidence

that his work in civil engineering extends to other fields, such as knowledge-based systems and artificial intelligence.

Dr. Chameau said his research activities are guided by the desire to improve fundamental knowledge of soil behavior and to have an impact on the future practice of geotechnical engineering. While at Purdue he directed an active research program in geotechnical engineering sponsored by NSF, the Federal Highway Administration, the Air Force Office for Scientific Research among others. In addition to directing doctoral studies of

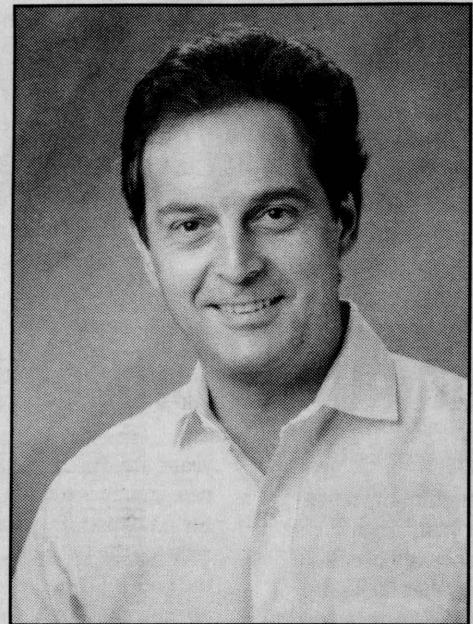
over 20 students, Dr. Chameau has developed graduate courses in environmental geotechnology, numerical methods in geotechnical engineering, use of fuzzy sets and knowledge-based systems in civil engineering and earthquake engineering.

As a consultant, Dr. Chameau specializes in projects dealing with dynamic analysis, soil-structure interaction, liquefaction, slope stability, chemical waste con-

tainment and reliability studies in geotechnical engineering.

Commenting on the appointment, Dr. F. Michael Saunders, professor in Tech's School of Civil Engineering said, "Dr. Chameau demonstrated dynamic leadership capabilities and an expansive vision for civil engineering during the school director search process. It is clear the School of Civil Engineering will be given the opportunity to rise to new heights under his leadership."

Dr. Chameau earned his M.S. (1977) and Ph.D. (1980) in civil engineering from Stanford University and holds degrees in engineering from L'Ecole Nationale Supérieure d'Arts et Métiers and in economics from the Sorbonne, Paris.



Dr. Jean-Lou Chameau

Special Photo

## Tech's Olympic Progress Updated By Satellite Feed

By Vera L. Dudley

Jim Langley, Tech's vice president for External Affairs, recently updated the media on Tech's plans for the Olympic Village via Video News Release (VNR), a new technique the News Bureau uses for showcasing Tech experts.

The videotape, produced and edited by TelePhoto (Tech's television and photography services department), is made weekly and sent to a satellite station that distributes the information to the media. The tape includes interviews with Tech experts offering in-depth analysis of the day's top stories.

On Sept. 18, the anniversary of receiving the Olympic bid, Mr. Langley said while last year's fanfare and celebrations were exhilarating, Tech must stay on top of rapidly changing plans for construction on its campus.

"When I think back to a year ago today, I think of celebration," Mr. Langley said. "I remember being out in front of Georgia Tech in the crowds. Today there are no crowds, just a lot of hard work. So it's nose to the grindstone, and it's fighting a deadline that is fast approaching."

During the videotaping, Mr. Langley explained the change in housing plans now including a single tower on North Avenue and two smaller buildings on West Campus. He also provided some insight on summer school plans; at one point, classes were going to take place in an abbreviated fashion, but that plan has now been eliminated.

"It just couldn't work," he said. "There's just too much going on. What we will try to do is turn over our campus to the Olympics and maintain a portion to continue some of our vital work and

research. But we have to turn over a clean campus -- one that is prepared to house, feed and do other things for 15,000 athletes. The task is enormous."

Although the multimedia video, used to attract International Olympic Committee members, was Tech's greatest contribution to winning the bid, Mr. Langley said the desire to make an even greater impact still burns within the Tech community. So far, he said, it looks like the Institute will make another significant contribution to the Olympics in communications.

"We would like to employ some of the same multimedia technology in doing a very good job of keeping athletes informed and tracking athletes throughout the Olympic Village to avoid some of the problems that have marred earlier Olympics, involving people not showing up for events or practice," Mr. Langley said.

With all of the logistical and financial decisions yet to be made and polished, the recent mandate from the Governor's office to make severe budget cuts has raised concern over how the state's belt-tightening will affect Olympic plans. Though Tech receives many state dollars, Mr. Langley said he is optimistic about Olympic plans being exempted from such financial troubles.

"We have gotten the green light from the state on housing. That has not changed," he said. "But I think there is a general recognition at the state and city level that the Olympics is a once-in-a-lifetime opportunity and everyone is pitching in to make sure those plans move ahead and Atlanta takes best advantage of that opportunity. We haven't seen any backtracking on that issue."

# whistle

News for the Georgia Tech community

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## Commemorative Commencement Edition

# Coca-Cola CEO's Secret Formula For Success: Vision, Confidence And Luck

(Brian G. Dyson, president and chief executive officer of Coca-Cola Enterprises Inc., was the featured speaker at Georgia Tech's 172nd commencement on Sept. 6.)

I think the ingredients for success, or as we would say at Coca-Cola, "the secret formula," is a combination of three things: vision, knowing what you want to be when you grow up; confidence, knowing who you are; and luck, or what I would call being in the right place at the right time.

With those three ingredients and your Georgia Tech diploma, you have the formula for success. You have a first class education from a world class university, and I really congratulate you all on your achievement.

Georgia Tech is not just a school that has national leadership in many categories of scholarship and research. It is not just an institution that has gone from the most humble beginnings to great international recognition. It is not just the home of the 1990 football champions! It is all of those things and much more. Georgia Tech today is an inspiring realization of the American dream! Like my company, Coca-Cola, your school has expanded its influence from small beginnings on North Avenue to the farthest reaches of the globe, including being a future centerpiece for the 1996 Olympics and hopefully for the 1994 World Cup Soccer. I travel extensively and I am very much attuned to worldwide trademarks and brands, and I can tell you in the academic field, Georgia Tech is achieving worldwide name recognition.

The first ingredient in the secret formula for success is vision -- what you would like to be. Because remember that we all live under the same sky, but we do not have the same horizon. A vision is different, I think, from the short-term goals that characterize a young life. These are often set for you by teachers, parents, advisers. They all have, to one degree or another, some stock in your life, and they quite appropriately set goals for you.

There's no harm in taking advice, but now you will shape your own destiny. Now you need a larger vision.

I believe that vision is an essential component of the life of a successful individual, of a successful institution, of a successful company. Let's take my own enterprise, Coca-Cola. It has a rich history of vision.

Sometime around 1899, three wise men travelled from Chattanooga to Atlanta. Two were businessmen and the third was the inevitable lawyer. They visited with Mr. Asa Candler, the then owner of Coca-Cola, and described how, on a recent visit to Havana, Cuba, they had observed a crowd of Cubans watching a baseball game and drinking a soft drink called Pina Colada. This drink was served in a bottle that had a marble-like top that you popped open in order to consume it. They felt that this same principle could be applied to the soft drink, Coca-Cola, so as to take it out of its exclusive soda fountain venue and have it enjoyed everywhere. As some of you know, this led to these three wise men receiving the sole rights for almost all of the U.S. to place Coca-Cola in bottles, and the legal tender for this right was a symbolic \$1, which appears to have never actually changed hands. Pretty good vision!

Similarly, we have the vision of Mr. Robert Woodruff who in the 1920s dreamed of creating a global marketplace for Coca-Cola. Undoubtedly, it was sparked by his belief that "life belongs to the discontented" -- that restlessness of spirit that impels some of us to go that extra step that brings about a breakthrough. Pretty good vision!

Again, still on home ground, consider Billy Payne's vision of having Atlanta compete for the honor of becoming the host city of the 1996 Summer Olympics. In Tokyo last September, I listened to Billy Payne relate a personal, very inspiring story to the International Olympic Committee (IOC). Billy told them how he had been a child and a young teenager in 1956 and 1960 watching the daily highlights of the Melbourne and Rome Games and how every single night of those Olympic Games he had fallen asleep imagining himself on the starting line of the 100 meter finals, only to discover the next morning that he had been dreaming. He related how later in life, while always a good athlete, he realized he would never be good enough to be an Olympian, but he never stopped dreaming. Billy was able to communicate to the IOC his new dream, the dream of an Atlantan -- one of many Atlantans -- who held the same dream. The dream that the Centennial Games would be celebrated in Atlanta in 1996. I tell you ladies and gentlemen, that was pretty good vision!

Georgia Tech also had the vision to participate in that effort with a total commitment of time and technological expertise. Unquestionably, Tech's interactive video programs were a

decisive factor in convincing the IOC. But I suspect that Georgia Tech had more in mind than just helping out the Atlanta Olympic Committee as a proud citizen of this city. I suspect that Georgia Tech saw that, through the platform of the Olympics, it would project an image for itself to a worldwide audience that not even Madison Avenue could conjure up. And I think it is for that same reason that Dr. Crecine is so involved in our bid for

Atlanta to be one of the venues for the World Cup Soccer in 1994, an effort I am knowledgeable of and appreciative of in my capacity as co-chairman of the Atlanta World Cup Soccer Advisory Board. Visionary people see in these associations things that cannot be wrought through conventional molds.

The final example of vision I will give you is America -- not just the geographical entity of the U.S. -- but for what America means as a vision to the world at large. You may think I am exaggerating. I beg you not to make that mistake. I have lived most of my life in other countries as an outsider looking in at the U.S. I have a deep, deep regard and affection for this nation, even though I did not have the privilege of being born here.

America is made up of an amazing, remarkable population representing virtually every race, religion, nationality and language on earth. The diverse American people are a fabulous resource unequalled in any other nation.

The reason people continue to come here from all over the world -- sometimes risking their lives -- is because of this very simple, but very clear vision and that's this incredible notion of a chance, a chance to start again. It's this brilliant idea that here you can wipe the slate clean and try to be whatever you want to be! With all that is wrong in this nation, it still offers people the best chance on earth to apply their skills and realize their dreams.

Even with all her warts and blemishes exposed through an open democratic society and probing news cameras, as an outsider I can tell you that the world at large still sees a nation of freedom and opportunity unequalled anywhere. While many here focus only on the failures, the world at large sees a nation that has delivered on more of its promises than any other nation ever in history.

You should be proud because although people may criticize this country, they also yearn to come here. It's this dichotomy of feelings that is important to understand.

Another ingredient I mentioned as being important to me is confidence -- a basic acceptance of what I am and a realistic understanding of what I am not. It is an understanding of your potential.

To realize this potential, you must be at peace with yourself. You must focus on your strengths and attributes, and you must develop them to the max. I think I was in my twenties when this truth finally dawned on me, because until then I had been thrashing around, trying to be all things to all people. It doesn't work that way. Confidence in your potential means you can look anybody in the eye and not be in awe of them. Confidence is seeing an equal, level playing field.

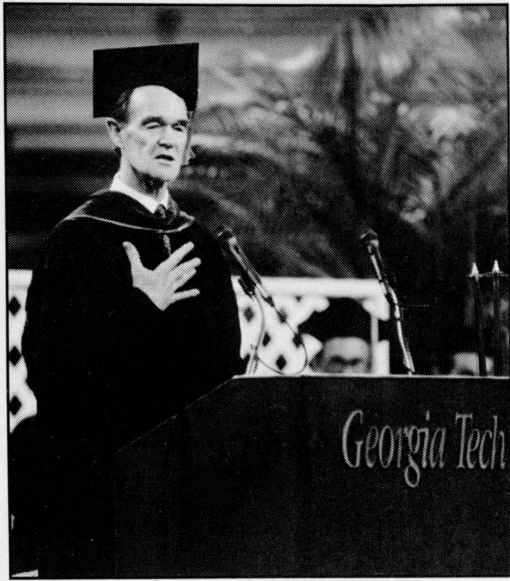
So there you have it, my ingredients for success. Vision, confidence and thirdly, luck. Don't think that if you have vision and confidence, luck will come looking for you. Sometimes you have to make your own luck.

Lastly, I would caution you that as intelligent and active participants in a dynamic society like America, you must bring balance into your lives. Imagine life as a game in which you are juggling some five balls in the air. You name them -- work, family, health, friends and spirit -- and you're keeping all of these in the air. You will soon

understand that work is a rubber ball. If you drop it, it will bounce back. But the other four balls -- family, health, friends and spirit -- are made of glass. If you drop one of these, they will be irrevocably scuffed, marked, nicked, damaged or even shattered. They will never be the same. You must understand that and strive for balance in your life.

You live in a world of growing opportunity at one of the most exciting times in history, and you have been prepared with an exceptionally fine education. Because you are all so well educated, let me pose this final question to you. What is education for? Is it for the pursuit of knowledge or for the pursuit of significance? How you answer makes a difference.

Knowledge is merely a tool. There is someone in Argentina or Singapore who has the same degree as you. The difference lies in how you use it. Will you use your education for life or just as a living? It's up to you now.



Gary Meek

Brian G. Dyson

"To realize this potential, you must be at peace with yourself. You must focus on your strengths and attributes, and you must develop them to the max."



# Russian Editor Says Media's Role At Crossroads In The Soviet Union

By Vera L. Dudley

During a recent visit to the U.S., Russian journalist Dimitri Yakushkin told Tech faculty and staff about restrictive conditions under which Soviet journalists were forced to work and to what extent censorship has relaxed during Mikhail Gorbachev's regime.

Mr. Yakushkin, international editor of the *Moscow News*, was the first guest in a new seminar series sponsored by the Center for International Strategy, Technology and Policy (CISTP). Dr. Patrick O'Heffernan, assistant to the director, CISTP, is organizing the bi-monthly Mass Media and Global Communications Seminar Program, designed to illustrate how global communications technology impacts society.

Mr. Yakushkin made his visit to Tech when various republics were still seceding from what was once the Soviet Union, and he refrained from making any predictions as to what will happen in his country during such an unusual period of political upheaval. Instead, in a two-hour session, he explained to a small audience of mostly Tech faculty and staff how every sector of Soviet life was controlled by the ideological department within the Central Committee of the Soviet Party. Mr. Yakushkin said all newspapers and their editors were named with the approval of the Central Committee and many foreign events and conflicts were considered off limits to the Soviet press.

"The name of Lech Walesa was forbidden even if he did something wrong," he said. "That was a direct command from the Central Committee. We didn't report on what kind of issues the Polish people were confronting. Nor could we report on anything real about Afghanistan."

According to Mr. Yakushkin, discussion in the press on anything that would cast a shadow on Socialism was disallowed. Any information on societal vices such as prostitution, narcotics or crime and corruption on a large scale could not be published. When the U.S. reported on the Soviet people's hardships, he said the censors commanded reporters to counter those attacks with criticism of similar struggles in the U.S.

"Countering the complaints was the way of fighting with the ideological position of the

U.S.," Mr. Yakushkin explained. "The main topic was that Soviet citizens didn't have human rights. So we were to find the same cases inside the U.S. There was a huge propaganda campaign about the rights of native Americans. I remember also, very well in the early 1980s, the series of killings of black children. We also used that kind of story to attack the U.S. on the human rights issue."

Although many Soviet journalists were extremely frustrated by the inability to report all sides of a story -- many times as it was unfolding before their eyes -- he said they had little choice but to follow the rules. However, he said, the introduction of Perestroika was the beginning of long-awaited changes that would allow journalists to fulfill their professional responsibility. Two catastrophes, the Chernobyl nuclear reactor accident, and a collision between a pleasure boat and an oil tanker resulting in a huge number of deaths, led, according to Mr. Yakushkin, to Gorbachev's approval of open reporting.

"It was such a huge disaster that you just couldn't conceal it. It was awful," he said, speaking of the Chernobyl incident. "That was the first time that a major tragedy was reported from all sides. After that, all kinds of incidents started to be published."

Mr. Yakushkin began his career 14 years ago with *Komosomolsky Pravda*, the now defunct daily newspaper of the Young Communist League. He now faces a new dilemma, along with his col-

leagues. In what direction do they take the *Moscow News*, a paper once known and respected as the "paper of the opposition," now that the people they supported have come to power?

"Do we criticize the people we brought to power?" he asked. "These were our heroes. Now what kind of stand do we take towards Yeltsin? To say something against Yeltsin is to immediately be put back into the conservative camp -- a camp that wants to return to the old system. This is a very hard decision we face."



Dimitri Yakushkin

Margaret Barrett

## Briefly . . .

**Football Game Day Parking Restrictions** - Several parking areas near Bobby Dodd Stadium have been designated as reserved parking areas for the Institute's special guests on all home football game days. Only persons who have been issued special parking passes by either the Georgia Tech Foundation or the Athletic Association are authorized to park in these reserved areas on game days. Faculty, staff and students must move their vehicles from the areas within six to 10 hours before game time. These restricted areas include the Peters Parking Deck, lot between BSU and Brittain Drive, Administration Building lot, Wardlaw Center garage, SST deck and the Burge Parking Deck. Techwood Drive (between North Avenue and Bobby Dodd Way) and Bobby Dodd Way (between Fowler Street and Techwood Drive) will be closed to vehicle traffic three hours before game time. For a complete list of restricted areas, call the Parking Office at 4-4611.

**Have Fun While Staying Fit!** - Recreational Sports is offering the following non-credit classes and special events for fall quarter 1991: Aerobic Fitness, Bench Aerobic Certification Workshop, Hatha Yoga, Beginning and Intermediate Swimming, Scuba, Naui Open Water I refresher and advanced courses, CPR

classes (recertification, standard and First Aid and adult CPR), Karate Class, Hapkido, Aikido, Taekwondo, Comprehensive Combative Arts, Jukido, Judo, Fall Tennis Tournament, Houser's Racquetball Tournament, Turkey Trot Fun Run, and the Walking Club. Call Recreational Sports at 4-2421 for fees and class schedules.

**Policy For Tennis Players** - Your current faculty/staff I.D. enables you to play on the outdoor courts, at anytime, free of charge. If you wish to play on the indoor courts, your I.D. will grant you a 50 percent discount for indoor use. The indoor court fee is a per court charge, for singles or doubles. There is an additional \$2 fee for non-faculty, staff or student guests. Visa or MasterCard numbers are required for indoor court reservations. Please call 4-8371 for more information.

**Register for Continuing Education Courses!** - Continuing Education is offering computer courses for the remainder of the year in disk operations, spreadsheets, database management and word processing. For information on software instruction and prerequisites, call 4-2547.

**GTOC To Meet** - GTOC will hold their first fall quarter meeting on Oct. 3 at 5:30 p.m. in the Tennenbaum Auditorium. For more information about the meeting, call GTOC President Marc Klein at 4-5051.

## Classifieds . . .

**For Sale** - 5-piece girl's BR set. Henry Link brand. Triple dresser, nightstand, desk w/hutch, twin headboard. Good condit., \$385 neg. Call Joey at 4-8600 or 363-8324.

**For Sale** - 1986 Oldsmobile Toronado. Immaculate condit., V6 3. OL, pwr. sunroof, leather int., Bose AM/FM cass. sound system. Only \$5,800. Call Michael at 4-2260 or 237-9350.

**For Sale** - Cross-country skier/rower exercise machine. One unit, converts easily. Almost new, \$90. Call Susan at 4-6017.

**For Sale** - 1990 Mitsubishi Montero. 35,000 mi., 4-wheel drive, P/W, P/S, automatic. Call Emmie Cochran at 4-3736.

**For Sale** - Refrigerator. 32 in. high x 16 in. wide x 14 in. deep. Great for residence hall room, \$100. Call Susan at 740-1646.

**For Sale** - Antique white BR suite. Includes queen size bed w/mattress & box springs, triple dresser w/two mirrors, one nightstand, \$400 OBO. Call 427-8837 (nights).

**For Sale** - 1972 5-spd. Porsche 914. Red, new black int., 1.8 litre eng., recent clutch job, new brakes, factory alloy wheels w/B.F. Goodrich T/A radials, AM/FM cass., \$4,000. Call Jimmy Ross 528-7008 (days) or 948-7238 (nights).

**For Sale** - Moving. Red Fox Patch jacket, \$350 OBO; 6 ft. sofa, \$400; floor lamp, \$35; box spring, mattress & frame, \$100; 1985 Chevy - high mileage, \$1,200 OBO. Call 994-0082 (nights).

**Wanted** - Someone to carpool from McDonough to Tech starting on Oct. 7. Please call Traci at 4-3571.

**For Sale** - New radiator. Fits 1975-1980 Ford LTD. Call Carol York at 4-3503 or 4-3450.

**For Sale** - IBM Compatible, 8086 Turbo, Tandy 1000SX 20 meg hard disk, 5 1/4 inch floppy disk, math coprocessor, color graphics monitor, dot matrix printer, mouse, plus more !!!! Complete system \$450.00 OBO. Call David at 381-9035 after 5 p.m.

## Classified Ads Policy

- Ads will not be taken over the phone. They can be faxed (853-9187), mailed (MC 0183) or sent via PROFS to VDUDLEY.
- Ads should be 25 words or less.
- We can accept ads from faculty and staff members only.
- Ads will be placed in the order received.
- Your name and campus phone number (for *Whistle* reference) is required.



## People on the Move

**Dr. Linda Brady**, associate professor in the School of International Affairs, has been named the Olin Professor of National Security Studies at the U.S. Military Academy in West Point, NY. Dr. Brady will return to Tech next year.

**Dr. Richard P. Barke**, associate professor in the School of Public Policy, has been asked by the Carnegie Commission on Science, Technology and Government to write the third in a series of reports on capabilities and weaknesses of the U.S. Congress in making science and technology (S & T) policy decisions. This report focuses on priority-setting and authorizations, appropriations and the S & T budget process and congressional oversight of S & T programs.

**Dr. Ajit P. Yoganathan**, co-director of the Bioengineering Center, recently gave two lectures at the Dartmouth School of Medicine as the Curts Visiting Professor of Surgery.

**Dr. Vijay Madiseti**, assistant professor in the School of Electrical Engineering, has again been selected by IBM/Boca Raton and IBM/Research for a Faculty Development Award of \$30,000 for the 1991-92 academic year.

**Dr. Hugo Ernst**, associate professor in the School of Mechanical Engineering, was awarded the George Irwin Fracture Mechanics Medal by the American Society of Testing and Materials Committee E-24 on Fracture Testing. Dr. Ernst was presented the medal "in recognition of his pioneering efforts in developing Methodologies and Standards of Elastic-Plastic and Fully-Plastic J Integral Analysis," at the XXIII National Symposium on Fracture Mechanics, held in Texas last summer.

**Dr. Gunter Sharp**, associate professor in the School of Industrial and Systems Engineering, presented a plenary paper entitled "Current Problems in Warehousing Design and Management," at the European Logistics Association meeting in Stresa, Italy.

**Dr. Leonard Parsons**, professor in the School of Management, recently presented an invited paper entitled "Aggregate Market Response to Advertising" at the Joint Statistical Meetings of the American Statistical Association, the Biometric Society and the Institute of Mathematical Statistics.

## Professional Publications

### Civil Engineering

**P.W. Mayne**, "Determination of OCR in Clays by Piezocone Tests Using Cavity Expansion and Critical State Concepts," *Soils and Foundations*, Vol. 31, No. 2, June 1991, pp. 65-76.

**P.W. Mayne** and **F.H. Kulhawy**, "Load-Displacement Behavior of Laterally Loaded Rigid Drilled Shaft Foundations in Clay," *Piling and Deep Foundations* (Proc. 4th DFI Conference, Stresa, Italy), Balkema, Rotterdam, 1991, pp. 409-13.

**G.J. Rix**, **J.A. Bay** and **K.H. Stokoe**, "Assessing In Situ Stiffness of Curing Portland Cement Concrete with Seismic Tests," *Transportation Research Record* 1284,

National Research Council, Washington, DC, 1991, pp. 8-15.

**P.W. Mayne** and **F.H. Kulhawy**, "Direct and Indirect Determinations of In Situ K in Clays," *Transportation Research Record* 1278, National Research Council, Washington, DC, 1991, pp. 141-49.

### Electrical Engineering

**T.G. Habetler** and **D.M. Divan**, "Angle

Controlled Current Regulated Rectifiers for AC/AC Converters," *IEEE Transactions on Power Electronics*, vol. 6, no. 3, pp. 463-69, July 1991.

**S. K. Pang** and **A. Rohatgi**, "Record High Recombination Lifetime in Oxidized Magnetic Czochrealski Silicon," *Applied Physics Letters*, vol. 59, no. 2, pp. 195-97, July 1991.

## What's Next

### LECTURES & SEMINARS

#### Sept. 30

Electrical Engineering Seminar, John Hannabach, "How Do Graduate Students Find Jobs?" 3 p.m., EE Bldg., Rm. C-457.

#### Oct. 1

Polymer Education & Research Center Seminar, Yitbarek H. Mariam, Clark-Atlanta University, "Controlled Synthesis and Spectroscopic Characterization of Multifunctional Hybrid Silazane/Silylamine Pre ceramic Telechelic Oligomers," 11 a.m., Hightower Bldg., Rm. 310.

Mechanical Engineering Seminar, Jim Lemke, University of California, San Diego, "Triological Constraints in High-density Magnetic Recording," 3:30 p.m., Coon Bldg., Rm. 217.

#### Oct. 3

Office of Information Technology Seminar, "Introduction to Computing and Networking Facilities," 11 a.m., Rich Bldg., Rm. 239. Call 4-4660 to register.

#### Oct. 7

Electrical Engineering Seminar, H. B. Püttgen and R. M. Bass, Georgia Tech, "Electric Power: A Challenging and Diverse Career Opportunity Field," 3 p.m., EE Bldg., Rm. C-457.

### SPORTS

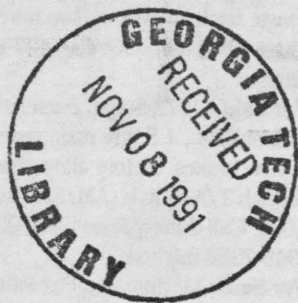
#### Oct. 5

Football, vs. N.C. State, 12:10 p.m., away.

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THE GEORGIA TECH WHISTLE  
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### INSIDE.....

- Tech braces for budget cuts, layoffs.
- Charitable Campaign begins Oct. 15.
- Foundation passes retirement plan request.
- Olympic progress featured on video news release.
- Dimitri Yakushkin discusses media's changing role in the Soviet Union.

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