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. Thomas added that Tech employees could expect to know about the specifics of these cuts by the last part of October.

The 7.7 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 GTES 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 tenure or tenure-track faculty," he said. "The only sensible and humane way is to ask faculty and staff to consider accelerating their retirement plans."

"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 $113 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, upcoming 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 strong 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 Sicha, associate director of Housing; and Janice Porter, office manager of GTES'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, employers 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 $305,000, 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.)

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 is fulfilled and humbled by the fact that he has gone farther in his career than he ever expected to go when he started out.

I 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, 'and 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.'

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 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.
**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 none 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."

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 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 full advantage of that opportunity. We haven't seen any backtracking on that issue."
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 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 gain 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 hypothetically 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 stake 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 host the Olympic Games 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 Olympic Games and how every single night of the 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 Atlanta - 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 has 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. Creighton is so involved in our bid 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 will I give you is America - not just the geographical nation 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 observer looking 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 an 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 system 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 in human 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 is 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.
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 Dmitrii Yakusshin 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. Yakusshin, a former editor of the Moscow Neus, was the first guest in a new seminar series sponsored by the Center for International Strategy, Technology and Policy (CISET). Dr. Patrick O'Heffernan, assistant to the director, CISET, is organizing the bi-monthly Mass Media and Global Communications Seminar Program, designed to illustrate how global communications technology impacts society.

Mr. Yakusshin 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. Yakusshin 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. Yakusshin, discussion in the press on anything that would cast a shadow on Socialism was disallowed. Any information on societal crises such as prostitution, narcotic 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. Yakusshin 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 unfeasible 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 cutout-trophies, 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. Yakusshin, 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. Yakusshin began his career 14 years ago with Komsomolskaya Pravda, the now defunct daily newspaper of the Young Communist League. He now faces a new dilemma, along with his colleagues, in what direction do they take the Moscow Neus, 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."

Classifieds

For Sale - 5-piece girl's BR set. Henry Link brand. Triple dresser, nightstand, desk w/hutch, twin headboard. Good cond. 50-75. Call Joye at 4-9600 or 363-8224.


For Sale - 1990 Mitsubishi Montero. 35,000 mi., 4-wheel drive, P/W, P/S, auto.

For Sale - Antique white BR suite. Includes queen size bed w/mattresses & box springs, triple dresser w/two mirrors, one nightstand, $400 OBO. Call 427-8837 (night). 6

For Sale - 1972 5-spd. Porsche 914. Red, new black int., 1.8 liter eng., recent clutch job, new brakes, factory alloy wheels w/5.0 Goodrich T/A radials, AM/FM case., $4,000. Call Jimmy Ross 529-7008 (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 984-0082 (nights).

Wanted - Someone to carpool from McDonough to Tech starting on Oct. 7. Please call Trout at 2-4404.

Wanted - 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 381-9305 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 Madisetti, 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 $80,000 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 Fracture Mechanics Analysis."

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


Electrical Engineering


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, Yitharek H. Mariam, Clark-Atlanta University, "Controlled Synthesis and Spectroscopic Characterization of Multifunctional Hybrid Siloxane/Siloxime Precurser Telescopic Oligomers," 11 a.m., Hightower Bldg., Rm. 310.

Mechanical Engineering Seminar, Jim Lemke, University of California, San Diego, "Tribo-logical Constraints in High-density Magnetic Recording," 3:30 p.m., Coen 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

SPORTS

Oct. 5
Football, vs. N.C. State, 12:10 p.m., away.