High Marks for Georgia Tech

Georgia Tech received high marks from many Olympic observers this year by completing $160 million in capital improvements for the Olympic Village, constructing a new, world-class aquatic center, remodeling the Alexander Memorial Coliseum for Olympic boxing; and doing all the things necessary to host 15,000 of the world’s best athletes on its campus. But a U.S. News & World Report higher education study released last week indicates that Tech does very well at its core function as well: educating college students. For the second year in a row, Georgia Tech ranked as one of the top 50 research universities in the nation, joining Emory University as one of the two Georgia schools in the elite 50.

In addition to Tech’s overall rank of 48, the report spotlighted colleges of business and engineering, two of the most popular undergraduate fields. The College of Engineering, consistently among the nation’s elite, ranked sixth nationally. U.S. News rated the School of Industrial & Systems Engineering, No. 1, and Aerospace Engineering, was rated No. 3. Georgia Tech’s business school scored 32nd, tied with the University of Georgia.

"In a year in which we could have easily been distracted by the Olympics, we successfully focused on our core mission—educating leaders for the 21st century," said President G. Wayne Clough. "Perhaps the most notable statistic gleaned from college rankings is the academic value received by students at Tech. For example, one seventh grade class used their computers but to learn about anything they are studying," Hutchins said. "I believe this project will stay with my students for many years to come," Kreinest said.

Other Trickum projects include "The Young Scientist Project," a site featuring information about Zoo Atlanta’s animals and habitat; and TigerTrail BBS, a medium for communication between Trickum students and other members of the community; The Tiger Tribune, an online journalism project; and The Georgia History Project.

In addition, Trickum is experimenting with two-way video conferencing technology, through a partnership with the Fernbank Science Center. "Being affiliated with Tech has given us a lot of credibility," said Carr. "I’m extremely grateful for the support they’ve provided, especially Ron Hutchins. He’s certainly gone the extra mile."
Continual Calendar

Paralympic-themed Exhibit
Georgia Tech is co-hosting the Paralympic exhibit "Portrait of the Spirit: One Story at a Time" with the Georgia Council for the Arts in the Robert Ferst Center for the Arts Galleries (Richards and Westbrooke). The exhibit runs through September 30. Gallery hours are 11 a.m. - 7 p.m. For more information, call the Student Center Programs Area at 894-2805.

Nice People Dancing to Good Country Music
DramaTech Theatre Presents Lee Blessing's romantic comedy. Performances are September 13, 14, 19, 20 and 21 at 8:00 p.m. Tickets are $4 for students; $6 for employees and $8 for the general public. For reservations, call 894-2745. For information, call 894-3481. DramaTech Theatre is located in the Robert Ferst Center for the Arts building.

SEPTEMBER 9
Continuing Education presents "Introduction to Multimedia" (MM-101). This one-day course assumes no knowledge of computing or multimedia. It is intended for individuals who are deciding whether to become involved in multimedia production, and/or individuals who are beginning an in-depth study of multimedia. The cost is $520. For more information, contact The Continuing Education Department at 894-9215 or e-mail conted-info@cc.gatech.edu.

SEPTEMBER 10
"Take a Professor to Lunch," sponsored by Student Center Programs is an opportunity for students to take their favorite professor, TA, or staff member to lunch for $5 a pair. The Luncheon will be held at the Center for the Arts, Richards Gallery. Participants should RSVP by 4:30 p.m. on September 2 at 894-2805.

Free Career Seminar "Business Etiquette" will be held in Presidential Suite A of the Success Center from 11:00 a.m. - 12:30 p.m. For more information, call 894-2550.

Student Center Class: "Special Points for Stress Relief" will meet in the Student Center, room 320 from 7:00 - 9:00 p.m. The class is free to students, $5 for staff members, and $25 for others. For more information, contact Student Center Programs at 894-2805.

SEPTEMBER 11
Continuing Education presents "Internet Basic" (COMP-141) September 9-10. This two-day course will teach users how to use the resources currently available over the Internet and to learn about new resources as they are added. The cost is $695. For more information, contact The Continuing Education Department at 894-9215 or e-mail conted-info@cc.gatech.edu.

SEPTEMBER 12
Continuing Education presents "UNIX for Users COMP-100" September 9-11. The cost is $795. For more information, contact The Continuing Education Department at 894-9215 or e-mail conted-info@cc.gatech.edu.

ECE presents "Near-Field Antenna Measurements and Microwave Holography," through September 13. For more information, contact ECE at 894-3240 or e-mail to conted@gatech.edu.

ECE presents "Internet Basic HTML, COMP-174." The cost is $295. For more information, contact 894-9215 or conted-info@cc.gatech.edu.

SEPTEMBER 13
Free Career Seminar "Internet Tools" COMP-114, September 12-13. The cost of the two-day course is $695. For more information, contact 894-9215 or conted-info@cc.gatech.edu.

Continuing Education presents a one-day course focused on "Internet Tools." The cost of the course is $295. For more information, contact 894-9215 or conted-info@cc.gatech.edu.

Have lunch with George O'Leary at the Student Success Center Presidential Suite. "Lunch with George" is a lunch series sponsored by Chick-Fil-A Restaurants. Lunch will be served at noon. The event is free of charge. For more information, call the Athletic Association at 894-5400.

Georgia Tech Volleyball. The Yellow Jackets take on WAKE FOREST in the Bobby Dodd Stadium at 7:00 p.m. For ticket information, call the Georgia Tech Athletic Association at 894-5400, or visit their website at www.gatech.edu/athletic/yj/dg/.

Calendar items should be e-mailed to whistle@www.gatech.edu.
Meet Narl Davidson

Full Name: Narl Davidson
Age: 56
Occupation: associate dean, College of Engineering and associate professor in the School of Mechanical Engineering
Current research/projects: Co-chair of the 1996-97 Statewide Charitable Campaign.
Years at Tech: 23
Education: B.S., Cornell University ( ´63) MS and Ph.D., University of Michigan ( ´64 and ´69 respectively)
Marital Status: married to Edi Guyton

Children: five children: Jim, Phil, Pete, McCAll and Gabrielle; one grandchild, Megan
Favorite Book: probably Loren Eiseley's The Immense Journey
Favorite Movie: "Star Wars"
Favorite Leisure Activities: flying and bird-watching

Few People Know I: played intercollegiate lacrosse (and even fewer care)

What Brought You to Georgia Tech: a '69 Ranger American station wagon

Best Advice Ever Received: "A sign of maturity is the ability to move to plan B."

When I Was Little I Wanted to Be: I was blessed with wonderful public school teachers, and I have wanted to teach as long as I can remember.

What is Your Most Important Achievement? helping to raise five wonderful kids

If You Could Do It All Over Again, What Would You Change? not much

50th Roll Call Seeks Record $6.5 Million

The Alumni Association's annual Roll Call is observing its 50th anniversary this year. It is marking the historic occasion by seeking a record $6.5 million in contributions for fiscal year 1997. The annual fund was started in the aftermath of World War II to help the Institute achieve greatness.

"It's an exciting anniversary, which gives us momentum and a theme to highlight the accomplishments of Roll Call over the years," said David M. McKenney, Ph'60, IE'64, vice president for Roll Call. McKenney, president of Atlanta-based McKenney's Inc., a mechanical contracting and engineering firm, has firsthand knowledge of the Roll Call's history. Eighteen years ago, he directed the 32nd drive, which raised more than $1.3 million and received financial support from 40 percent of Georgia Tech's alumni.

Participation in the Roll Call campaign is one of McKenney's chief goals. "Over the years, Georgia Tech has set records as far as participation levels, but percentage-wise, we've drifted off course a little," McKenney said.

The 49th Roll Call, which raised more than $6 million, was supported by approximately 30 percent of the Georgia Tech community, said Doreas Wilkinson, director of Annual Giving for the Alumni Association. It represents one of the highest levels of alumni participation among public schools and rivals that of many private colleges and universities.

Our $6.5 million goal is a 7 percent increase over last year, and we expect to increase alumni participation to 33 percent this year," McKenney said.

The effort is also part of Georgia Tech's $400 million Capital Campaign. "We're looking for Roll Call pledges that will continue through the 53rd Roll Call," McKenney said.

Roll Call provides the largest single source of unrestricted dollars to fund recruitment of eminent faculty, development of new curricula, scholarships to recruit the nation's brightest young scholars and state of the art technology to support Georgia Tech students and faculty, Wilkinson said.

Roll Call supports such efforts as the Presidential Scholarship program, which has received $1 million to give 600 full and partial scholarships to bright students since 1964. It also helps support the Presidential Fellowship program, which catapulted Tech to 14th in the nation in the number of National Science Foundation Fellows.

Campaign Dollars Increase Resources

The following is the second part of the most frequently asked questions concerning Georgia Tech's Capital Campaign:

Q. How will Georgia Tech measure the success of this Campaign?
A. The basic educational equation comes down to the faculty member and the student. As a result of the Capital Campaign, we expect to see measurable results on both sides of this equation, beginning with a smaller student/faculty ratio. The Campaign will increase the depth of our faculty by adding knowledge from emerging fields to our already strong base. We must prepare our students to meet the challenges of a future in biotechnology, telecommunications, logistics, environmental technology, and other important areas of emerging technology. Additionally, all capable students should be able to receive the financial aid they need to pursue these fields. And, even though the educational equation is a human one, today's students must have the necessary tools and materials to explore the technological frontier.

Q. Georgia Tech was the recipient of so many new facilities as a result of the 1996 Olympic Games. Why raise money for more facilities?
A. Most of the facilities Tech developed for the Olympics were related to housing and athletics. While these are a great enhancement to our campus, it is important that we now focus on the academic core of our mission. We have many classroom and laboratory buildings that have not been updated in 50 years. To provide an environment conducive to learning today's technologies, facilities must be upgraded in a manner that will allow us to stay competitive.

Q. Why is Georgia Tech placing so much emphasis on endowed chairs? A. Endowed chairs are "stars" who attract high-quality students, faculty and research. While they are also pioneers whose job is to push the frontier of their fields, creating practical applications and opportunities for the knowledge they generate. These leaders, and the type of knowledge they produce and attract, are central to Georgia Tech's mission. We cannot be a premier technological institution without them.

Editor's note: Campaign Corner is a b-weekly Whistle feature written by Sarah Banick, Tech's primary writer for the Capital Campaign. Questions about the Campaign can be e-mailed to sarah.banick@presa.gatech.edu

NSF Grants $440,000 for Acoustics Research

Victor Rogers
Communications

D rivers passing a construction site often hear the pounding of jackhammers and buzzing of saws before they see the site. Fueled by a $440,000 grant from the National Science Foundation, Georgia Tech researchers studying acoustics hope to learn how to keep these exterior noises from getting into your car, ultimately providing a quieter ride.

The NSF grant, leveraging a $300,000 donation from Ford Motor Company and $140,000 from Georgia Tech, will build and equip an anechoic or "echo-free" chamber at Georgia Tech. The NSF grant accelerates the projected construction of the $800,000 project from mid-1997 to first quarter 1997, and, more importantly, permits the acquisition of state-of-the-art instrumentation, according to Dr. Kenneth Cunefare, project director.

"The NSF grant, Ford gift and Georgia Tech matching funds will permit us to build a facility to provide students with leading-edge tools for understanding and controlling noise and vibration," he said. The project will closely integrate product design, modeling and testing, in order to better predict, design and build quieter products with carefully tailored acoustics.

The anechoic chamber, to be constructed in the high bay area of Tech's Manufacturing Research Center, will be a room (approximately 240 by 240 by 200 high) with felt thick sound absorbing foam wedges covering the inside walls, floor and ceiling.

Dr. Yves Berthelot, School of Mechanical Engineering, and Dr. Kristian Ahuja, School of Aerospace Engineering, are co-principal investigators. Berthelot is principally responsible for the laser vibrometry system. Ahuja will provide guidance on the chamber instrumentation and basic instrumentation. Cunefare is the overall project director.
**APPLIANCES**
Sears Kenmore Heavy Duty electric washer and dryer, approx. 7 years old, very good condition, $150. Dryer separately — $85. Call Pat Fowler at 894-8419.
21.2 cubic ft freezer (commercial); upright mini condition, $600. Call Barbara at 770-434-6261 or 894-1963.
Thermas brand appliance. All-in-one vacuum cleaner, wet vac, carpet shampooer, and air purifier. Great for allergy-prone household. Owned less than one year. Sells new for $1,500, asking $800. Call Mary Axford at library, or 894-1392.

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**AUTOMOBILES**
1988 Honda Accord DX 4-door 5-matic, AC. AM/FM Radio/cass, 110K miles, great condition, call rosa at 298-7962 or 894-4885.
1986, white, Toyota Corolla, automatic, $1,000 or best offer. Contact: Brenda Hewitt at GaTech CRT 4-0240 or e-mail brenda.hewitt@arch.gatech.edu.
1983 Nissan Stanza, 4-door, 5-speed, MT, rebuilt engine and clutch, good tires and body, $750 OBO. Call Gary at 894-8823 or claude.gravatt@iac.gatech.edu.

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**COMPUTERS**
IBM PS/2 Laptop Model M40SX with 2 MB RAM expandable to 16 MB RAM, 256 MB hard drive, VGA Grey Scale Monitor, 3.1 Windows, S.2 Word Perfect, 2.5 Quicken, 5.0 Excel - $750 O.B.O. contact dkunian@st.gtsa.gatech.edu.
Macintosh Iix computer: 8 MB RAM, 230 MB hard drive. Apple 13" color monitor, Apple extended keyboard. System 7.1, $400. Contact Mark Richards at 770-728-7738 (daytime) or e-mail <mark.richards@gti.gatech.edu>.

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**FURNITURE**
3 Office Chairs in Great Condition at $10 each. Contact B.J. Hewitt at GaTech CRT 4-0240 or e-mail brenda.hewitt@arch.gatech.edu.

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**REAL ESTATE**
Must sell. 1/2 acre lot, Austell area. Great subdivision. If interested, call 894-2196 or 770-438-4563.

**MISCELLANEOUS**
For sale: exercise bike (horizontal for better thigh involvement) $200 obo. Contact Judy at judy.fitpatrick@gti.gatech.edu or 894-7498.

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**FREE**
3 Office Chairs in Great Condition. $125. Call Ralph at 894-5302 or e-mail ralph.brown@isp.net.