

Tech serves community in and out of crisis

Denise Noble Communications

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Helping those in need is all in a day's work for the MOVE Office, Tech's community service arm. In recognition of its contributions to the community, Georgia Tech recently received the Fulton Service Center's Good Neighbor Award.

The award was presented on behalf of the American Red Cross and recognizes an individual or organization outside of the American Red Cross for making a significant humanitarian contribution to the local, national or international community in support of the American Red Cross. It is given to the individual or organization who "demonstrated exceptional initiative in identifying and meeting a community need through actions that resulted in the provision of more effective services to people. In addition, the service was performed in the true light of humanitarian service which reflected positive, visible impact in the community for the American Red Cross." Georgia Tech has been such a neighbor, according to Christine Nelson, volunteer coordinator for the American Red Cross' Metropolitan Atlanta Chapter, Fulton Service Center. Renee Contardo, associate program director, MOVE Office, accepted the award at the Fulton Volunteer Recognition event last month.

"Tech receives a lot of recognition for its academic and research accomplishments. But Tech hasn't had recognition for having a heart," said Sally Hammock, associate director for Student Center programs. "This award demonstrates that Tech not only has serious students and academicians but people who care about other people."

The award specifically was given in recognition of Tech's quarterly blood drives, annual CPR Saturday and first aid courses, which are offered quarterly through the Student Athletic Complex. Of the community service efforts, the blood drives historically have been the most successful. Tech has held blood drives for almost 30 years and is one of the three largest donors in the Atlanta area. For the past 13 years, Tech has won the annual award for the most units collected by a college or university (averaging 2,700 units per year) and each year competes with Delta Air Lines and Georgia Power for the most units collected in one drive—the largest award the Southern Region gives to an organization that holds a blood drive. Tech took the 1996-1997 award for collecting 837 units in one drive.

One of the reasons Tech's efforts stand out is that the contributions are not simply a response to a crisis—they are consistent and continuous. In a letter to Hammock, the American Red Cross thanked Georgia Tech especially for the February blood drive, as many of the blood supplies went to hospitals in the tornado path as a response to emergency requests. (To read the letter in full, see page 2.) "The appreciation really was for donors who donate altruistically, since donors have absolutely no idea where or when their blood will be used," said Contardo. "Many times when disaster hits, people feel an automatic need to donate. The Red Cross recognized Tech's efforts in holding regular blood drives because people give whether or not there is a disaster. This is more valuable than responding when you have to, because when emergencies arise, that blood is immediately available."

Contardo says this aspect makes blood drives and Tech's regular contributions unique. "In other volunteer programs, like tutoring children or helping at a soup kitchen, you see the direct result of your efforts. When faculty, staff and students donate blood, they don't know where it goes, or when it will be used. That's the true meaning of giving of yourself—giving for the sake of giving."

Tech's community service efforts are managed in the MOVE office (Mobilizing Opportunities for Volunteer Experience). MOVE, the community services component of the Student Center Programs Area, is a volunteer placement and resource center that provides information on Atlanta area non-profit agencies as well as student service organizations. It also coordinates the quarterly blood drives.

For more information, contact Renee Contardo, 894-2002, or see www.gatech.edu/auxservices/studentcenter/programs/MOVEoffice.

Facilities volunteers help tackle tornado cleanup

Denise Noble Communications

> mong the many severely tornado-stricken areas last month was the north campus of DeKalb College in Dunwoody. Just one day after the tornado that hit the week before Easter, a 13-member

team from Georgia Tech's Facilities department was there to help pick up the pieces.

In response to a call from DeKalb College President Jacquelyn Belcher, President Wayne Clough arranged for immediate assistance. Warren Page, director of facilities operations and maintenance, helped mobilize the effort, along with facilities supervisors George Roberts and Mark Harrah who led a team of volunteers from the department: Rick Buttram, Glenn Byrd, Ramon Cantres, Donald Carnes, Jerrell Colvin, Jimmy Dumas, Joey Heidelberg, Robert Phillips, Don Read, Lamar Walden, and Winfred Whitehead.

The volunteers worked for three days over Easter weekend—Friday, Saturday and Monday. "What you saw on the news didn't even reflect the extent of the damage," said Jerry Connor, landscaping manager, who witnessed the damage to the site. "[The tornado] just tore up everything."

In fact, the first day it took several hours to reach the campus because roads were blocked by trees and police roadblocks, according to Harrah. The top priority was clearing the parking lots, streets and sidewalks of tornado debris. "We came armed with a Bobcat tree chipper, chainsaws, blowers, a stump grinder, anything that would remove debris," he said. Another priority was making the buildings water tight. Fortunately, the campus has underground power lines, and the power was out; therefore, downed, live power lines were not a safety hazard.

Although power was not restored until Monday, the efforts of Tech's team and approximately 50 members of DeKalb College enabled the college to open the following Tuesday. "We had a great group of people who did a great job, especially the people from Georgia Tech," said Travis Weatherly, director of plant operations for DeKalb College. "Tech sent us the A-Team."

"The volunteers enjoyed helping," said Harrah. "This was a good deed that we would do at any time."

In a recent meeting of the University System of Georgia presidents, Belcher gratefully acknowledged Tech's volunteer efforts and thanked the volunteers for their hard work and long hours.



Fallen trees and other debris littered the north campus of DeKalb College following a recent tornado. Members of DeKalb College and volunteers from Tech cleared the debris in just a few days.

Local high school students discover diversity, creativity in architecture

Dan Treadaway Communications



I need some space: High school students create a personal space with pink string during Architecture Day.

The site of some highly creative expression earlier this month when a group of nearly 30 Atlanta Public Schools high school students came to campus.

Their visit was part of the College of Architecture's (COA) first annual Architecture Day for High School Students, designed to encourage more minority high school students from Atlanta to consider majoring in architecture at Georgia Tech.

As part of the day's events, the students were asked to create a personal space that they could inhabit using two of three materials that included plastic wrap, pink string and cardboard. While some of the creations resembled house-like structures, others were quite abstract. One student stretched pink string across the architecture courtyard to create a three-story spider web. Another used the string to connect the stairwell in the West Wing of the Architecture Building to various objects on the lower level to create another unique environment. A third student created a series of room-like spaces within the holly bushes outside the architecture buildings.

The students' work was judged by architecture alumna Rashida Ng, an architectural designer with Smallwood, Reynolds, Stewart, Stewart & Associates.

Prior to the design session, several Tech architecture students spoke to the high school students about the creative environment that COA strives to provide. "Georgia Tech has given me the opportunity to be very creative," said Calvin Clayton Jr., one of 10 architecture students who participated in the day's activities. "It's so much more than just the civil engineering and technical part of being an architect."

"You make lots of friendships with other architecture students from doing so many projects together," said fellow student Nathalie Abcede. "You learn how to think and how to design."

In addition to the architecture students, the high schoolers also heard from several faculty members as well as COA Dean Thomas Galloway. "When you enter the profession of architecture, you're doing much more than getting a good job," Galloway said. "You're taking part in a profession that doesn't just design buildings, but also designs neighborhoods, communities, cities, regions and the entire society. We deal with the physical world and the world of the every day, the world in which people work, play and live. It's kind of a calling, really. You enjoy doing it, but you also have a major impact on your environment."

Several faculty members spoke about what the study and teaching of architecture means to them. "In architecture, history plays just as big a part as the current world," said architecture Professor Charles Randolph. "We are always looking ahead and looking back."

Randolph explained to the students that his father owned a hardware store and that he grew up with "a love for the stuff that we use to build things." Fellow faculty member Andrew Chin had a similar childhood experience. "I loved making things, as well as drafting and drawing," said Chin. "That's what got me hooked."

Chin also emphasized the variety within the discipline of architecture. "The opportunities for architecture majors are quite diverse," he said, referring to COA's undergraduate programs in architecture, building construction and industrial design. "There is also a diversity of skills involved, including drawing, writing and design."

Following the presentations, the high school students toured the architecture studios and the IMAGINE Lab.

Betty Dowling, associate professor of architecture and chair of the committee that organized the day's activities, said the event was tremendously successful. "There was such a nice chemistry between the architecture students and the high school students," said Dowling. She said that COA will begin holding the event annually this fall.

Georgia Tech

Whistle

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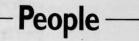
March 25, 1998

Sally Hammock Director of Programs Georgia Institute of Technology 350 Ferst Drive Atlanta, GA 30332

Dear Ms. Hammock,

Please encourage the members of the Georgia Tech community to take some time to revisit the significance of one of their February events. Most of them have by now forgotten their blood drive. We at the American Red Cross have not.

Last week we received emergency requests from hospitals near the tornado paths. We sent literally all of our inventory of certain blood types in response. When this type of dramatic suffering occurs, we have a very large number of people who wish to donate. While we appreciate their efforts and welcome their participation, one fact remains clear. The people who most help the blood supply during a crisis are those who come in before the crisis happens. They do not know how, when, or where their gift will save a life. They only know that it will. I



Molecular Design Institute

The American Institute of Chemists (AIC) elected **Professor William S. Rees, Jr.** a Fellow of the Institute. Rees is the second chemist in Georgia to join the ranks of this membership category (Fritz Schaefer of the University of Georgia is the other). AIC's membership is comprised of chemists, chemical engineers and biochemists who have achieved significant advancement in their professional endeavors.

Rees is director of the Molecular Design Institute and holds a joint faculty appointment in the Schools of Chemistry and Biochemistry and Materials Science and Engineering. His research interests are in the synthesis and characterization of inorganic and organometallic compounds for use in the preparation of electronic materials.

George W. Woodruff School of Mechanical Engineering

William J. Wepfer, professor and associate chair for Graduate Studies, has been selected by the National Society of Women Engineers as the 1998 recipient of the Rodney D. Chipp Memorial Award. This award recognizes a man or company who has contributed significantly to the acceptance and advancement of women in the field

E-mail Whistle submissions to denise.noble@ypea.gatech.edu, or fax to Denise at 894-7214, 11 days prior to desired publication date. For more information call 894-8324.

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Georgia Tech Communications Wardlaw Center 177 North Avenue Atlanta, Georgia 30332-0181

Georgia Tech is a unit of the University System of Georgia. have seen no other organization, during my brief time in Atlanta, that supports this idea through its actions more than yours. Georgia Tech blood donors have earned a place in the hearts of thousands of recipients and their friends and family.

Let me close with effusive praise for Renee Contardo, the MOVE Office, and the Co-Op Club. Their efforts at recruitment were hugely successful. Thank you again for your support of the American Red Cross and its blood programs.

Sincerely, Richard Feliciano Assistant Director, Donor Recruitment American Red Cross Blood Services, Southern Region of engineering.

Because of Wepfer's leadership the Woodruff School has had a substantial increase in the enrollment of women graduate students—from 10 percent in 1989 to 16 percent in 1997. Of the 33 Ph.D. degrees granted to women in the Woodruff School, 32 have been earned during Wepfer's tenure as associate chair for Graduate Studies.

Robert M. Nerem, Institute Professor and Parker H. Petit Distinguished Chair for Engineering in Medicine, received the Theo C. Pilkington Outstanding Educator Award of the Biomedical Engineering Divison of the ASEE.



Spotlight Meet Christine Marks

Full Name: Christine M. Marks

Age: 36

Occupation: academic assistant, music department

Current projects and/or research: Arts in the Village, the Arts Festival at Georgia Tech. I am responsible for the program, budgeting and working with the publicist/graphic artist.

Years at Tech: 7

Education: Currently working on completing my bachelor's degree in business administration at Shorter College

Marital Status: happily married 17 years to my high school sweetheart, Tony

Children: Paul, 16

My favorite book is: anything by John Grisham.

One CD in my stereo is: "The Dance," Fleetwood Mac.

If I were not working I would be: either working on my house (we are getting ready to sell) or studying for my next test.

What brought you to Georgia Tech? My search for a position in which I could make a contribution. Having such a wonderful group of people to work with has been a tremendous benefit.

One thing I would like to improve about Georgia Tech is: Expose more students, faculty and staff to the arts and humanities. The students here are extremely talented, bright and willing to share their accomplishments in art, music and drama with the rest of the campus community.

If I won the lottery I would: travel around the world-again and again

My favorite spot in Georgia is: a beautiful walking trail by Lake Monroe in Douglas County.

If I could do it all over again, I would: stay in school and complete my degree. It has been extremely difficult to go back to college after having been away for so long. Learning to study all over again is really tough!

Briefly describe your most memorable vacation: a belated honeymoon cruise. I'll never forget standing on the deck at midnight, looking at the stars reaching from horizon to horizon, and feeling the cool ocean breeze blowing—it was absolutely beautiful.

Did you know -

ID, please ...

Beginning May 18, faculty, staff and students will need to show their Georgia Tech identification eard to access any of the general purpose computing laboratories on campus. The purpose of the new policy is to ensure that the computers in these facilities are being used by Tech students, faculty and staff only. For more information, call the Office of Information Technology, 894-8997.

DOE reports on-line

The full text of Department of Energy (DOE) technical reports from 1996 forward is now available on-line. The database, called DOE Information Bridge, provides results of DOE research and development in energy technologies, physics, chemistry, materials, biology, environmental cleanup and other areas. Full text may be searched and downloaded.

In using the database, first search the bibliographic data to identify and retrieve technical reports of interest. Keyword searching can be done within the report to target relevant sections.

Inventor's program offers student/advisor teams chance to cash in on inventions

Up to six student/advisor teams will be awarded cash prizes totaling up to \$42,000 in the 1998 BFGoodrich Collegiate Inventors Program. The program recognizes and rewards full-time college students (undergraduates, graduates and postdocs) and faculty whose innovations. discoveries and research are considered to



tions, discoveries and research are considered to be the year's most outstanding. The deadline for entries is June 2.

Students may enter as individuals or teams. The invention, idea or process submitted must be an original idea and the work of a student or team with his or her advisor. Judging is based on originality, usefulness and significance of the invention/discovery. An issued patent is not required to participate, and this is not considered a public disclosure. However, participants are strongly encouraged to begin the process of protecting their discovery.

Entries from all disciplines are welcome. In the past there have been strong showings in life sciences, engineering, medicine and computer software.



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The bridge may be accessed directly at www.doe.gov/bridge or under Databases from the Library's home page, www.library.gatech.edu/. The Library also maintains an extensive collection of older DOE technical reports on microfiche. For more information, contact Technical Resources, 894-4508. For an application or more information, call Paul Kunce, at 330-849-6887, e-mail pkunce@invent.org, or see the Web, at www.invent.org/bfg/bfghome.html.

May 18, 1998

Suppus

APPLIANCES

1950s vintage gas stove (works) a couple of knobs missing, \$1,500. Contact Pia, 894-3523 or piavazelle.jerome@gtri.gatech.edu.

Classifieds

Refrigerator, GE, 20.6 cu. ft., almond, icemaker, frostless, like new, \$450. 770-473-0169.

AUTOMOBILES

Wanted: car under \$2,000 with air conditioning, without hidden problems. E-mail cpelard@optica.mirc.gatech.edu or call 609-9854.

1971 Classic Mercedes 220, tan, made in Germany, has title. Engine needs work, automatic, 4 cyl, gas powered. Asking \$2,500 as is. Call Mike, 894-5131 (day) or 770-431-9367 (eve).

1981 BMW 528i, cypress green, sunroof. 154K miles. All records. New tires, Goodyear Aquatred II. \$3,700. Contact Phil, 894-3402 or phil.sparling@sac.gatech.edu.

1985 Honda Accord, white, 4-door, 5-speed, new cassette radio. Blue interior. 99.6K miles. \$1,600. Call 325-8731 (day) or 256-0206 (eve., weekends).

1986 Honda Accord LXI, blue, 4 doors, A/C, 147K miles, \$995. Contact Yves Berthelot, 894-7482 or yves.berthelot@me.gatech.edu.

1987 Suzuki Samurai Convertible, 2 and 4wheel drive, 97K miles, JVC detachable

Arts

May 18

VideOpticon III, third annual offering of video and multimedia art from students and faculty of Georgia Tech, Atlanta College of Art and Emory. Program is curated by Professors Matthew Causey and Ellen Strain of Literature, Communication and Culture. 8 p.m., Robert Ferst Center for the Arts. Free. Contact: Matthew Causey 894-7624.

May 21

Masterworks. Tech's annual musical extravaganza. Highlights include: premiere of James Oliverio's new musical theater piece inspired by Clark Ashton; score by jazz pianist Dan Wall; multimedia interpretation of astronaut Kirke Mecham's "Island in Space" by Tech Chorale, the Imagine Group and IMTC; and performance by DrumsTechs. 8 p.m., Robert Ferst Center for the Arts. \$8 general admission, \$5 faculty, staff, students. Call 894-9600.

through May 30

Rock Opera **"Tommy."** A no-holds-barred evening of hard-driving rock and roll with the latest technology and computer wizardry. 8 p.m., DramaTech Theater. \$8 general admission, \$6 faculty and staff, \$4 students. Contact: 894-2745.

Brown Bags/Lectures

May 19

Woodruff Seminar Series, **"Time-Frequency Signal Analysis by Harmonic Wavelets,"** by David Newland, University of Cambridge. 3:30 p.m., MRDC Building, Rm. 4211. Refreshments will be served. Contact: Jerry Ginsberg, 894-3265 or jerry.ginsberg@me.gatech.edu.

May 21

"GVU a la Carte: Three Examples of Current Faculty Research." Speakers: Tolek Lesniewski, College of Architecture;

stereo, 4 speakers, all service records, \$2,350, OBO. Call 633-8475 or 385-0200.

1990 Nissan Maxima, 4 dr, dk grey, automatic, pwr moonroof, windows and locks, orig. owner, 124K miles, \$6,700 OBO. Call 770-888-4068 after 3 pm or e-mail freda.stewart@business.gatech.edu.

1992 Ford Taurus GL, 78K miles, fully loaded, all pwr seat, windows, locks, cruise, cassette, airbag. \$4,200. Call 894-8906 or 770-955-0239 evenings.

1992 Honda Accord Ex Coupe. 110K miles, excellent condition 5 spd, all records, \$8,000 OBO. Call Michelle, 485-3920.

1993 Ford Taurus XL station wagon. 80K miles, V6, CD/cassette/stereo, ABS, power leather seats, moon roof, remote access, AC, third seat, built in picnic table. \$8,500. Contact lauren.barrett@vpea.gatech.edu, or 894-6344.

1996 Burgundy Ford Explorer XLT. 61,000 miles still under factory warranty. \$12,000. Call Michelle, 485-3920.

Wanted: 1970 Volkswagon Superbeatle mechanic. Call Barbara Totten, 894-7088 or 770-498-9103.

COMPUTERS Macintosh Performa 405 w/o printer. Best offer. Contact celia.grams@iac.gatech.edu.

FURNITURE

Wanted: single frame, mattress/boxspring or futon frame for reasonable price, or, in exchange for double mattress, boxspring. Call Barbara Totten, 894-7088 or 770-498-9103.

Dining room set, 1950s or 60s. Dining table w/ one leaf, 6 upholstered chairs (4 side, 2 arm), china cabinet, sideboard. \$300 OBO. E-mail vchen@isye.gatech.edu or call 894-2369. Full bedroom set, \$300. Includes dresser mirror, chest. Contact 894-5475 or anthony.bridges@gtaa.gatech.edu.

Futon and wood frame. Converts into couch or bed. Like new. \$150. Contact 894-3375 or peggy.girard@biology.gatech.edu.

REAL ESTATE

For rent or sale: Efficiency condo on 1st tee at Cross Creek on Bohler Rd. 12 min. from campus. \$350/month or \$45,000. Call Malcolm MacKenzie, 894-1039, or eves. 355 8261.

For rent: 2 BR, 1 BA condo in small Buckhead complex. Available July 1. 15 min. to Tech. Contact Ray, 894-7502 or raymond.vito@me.gatech.edu.

For rent: 2-BR apt. in split house, Virginia Highlands. Front, back porch shared w/ other side. \$660/month. Available June 1. Call Kathy, 523-2489.

For sale: 3 BR, 2 1/2 BA ranch, sun room, LR, DR, FM, eat-in kit, built-in appliances. 3,200 sq. ft., in Jonesboro. \$170,000. Call 770-473-1841.

For rent: furnished house in N. DeKalb near Marist School. 4 BR, 2.5 BA, finished basement, wooded lot. Available from late Aug. '98 - June '99, \$1,500/month, incl. lawn service. Call 770-452-0608 or e-mail ts25@prism.gatech.edu.

Wanted: To buy 2-3 BR condo in north or east Atlanta (Fulton, Dekalb, Cobb or Gwinnett), easy drive to Emory, Georgia Tech. Contact yd3@prism.gatech.edu or Yi, 770-528-4908.

For sale: 2-story English Tudor, 4 BR, 2 1/2 BA, LR, DR, FM, 5th BR or study, 2,500 sq. ft., in Tucker, owner finance, \$109,900, avail. June 1. Call 894-9621 or 770-979-2395.

Colin Potts, College of Computing; and Bill Ribarsky, College of Computing. Noon, Pettit Building (MiRC), Rm. 102. Contact: 894-4488 or gvu-info@gvu.gatech.edu.

May 22

"An *Ab Initio* Investigation of New Particle Formation in the H₂SO₄-H₂O-NH₃ System," presented by Alan Brandy, Drexel University. 3 - 4 p.m., Student Success Center Theatre, EAS Building, Rm. 209. Contact Susan Ryan, 894-3893, or see www.eas.gatech.edu/seminars.html.

"What Have We Learned from 25 Years of Design Protocol Studies?" Cognition and Design Series. Speaker: Chuck Eastman. Noon - 1 p.m., Student Center, Rm. 321. Contact: Jocelyn Thomas, 894-7865 or jocelyn@cc.gatech.edu.

Miscellaneous

May 19-22

North American Manufacturing Research Conference.

Academic and industry researchers will discuss recently-complete research or in-progress research in manufacturing technology and productivity. Registration: \$350. Students/retirees, \$100; one-day registration, \$200; guests \$80. Contact: Pam Rountree, 894-1740.

May 21

Faculty/Staff Honors Luncheon. Noon, Alexander Memorial Coliseum, \$10. Parking available in Coliseum parking lot. Contact: Tammy Tuley, 894-8835.

May 22

"The European Monetary Union: Implications of the EUR0 for American Business." 8 a.m. - 5 p.m., Wyndam Midtown Atlanta, 125 10th Street. Contact: Mark Ballam, 894-4379, mark.ballam@mgt.gatech.edu.

SPORTS/FITNESS/RECREATION

Health rider, w/video \$150, manual exercise stepper \$60. Call Carita, 894-8963 or e-mail carita.reynolds@ohr.gatech.edu.

Weight bench and weights, \$100. Contact Sean Ellermeyer, 894-4752 or ellermey@math.gatech.edu.

Sailboats: Hobie 18, \$800; Melges 20, \$700; Fireball, \$2,000. Contact Mark Sanders, 770-935-7098 or mark.sanders@vpea.gatech.edu.

Schwinn "Mesa" mountain bike. Shimano parts all-around w/front suspension. Great for teenager or someone under 5'6." Paid \$425, will take \$285. E-mail fred.carman@vpea.gatech.edu.

MISCELLANEOUS

Baseball and football card collection, Rookies and Stars included, \$300 firm (value \$1,500). Call 770-671-9296.

Rottweiler dog to good home. 4 yrs old, 90 lbs. Call Carol York, 894-8048.

Entertainer '98 Coupon book. Not used. Has travel coupons as mentioned on Friday Flyer show. Retail \$20, sell for same. 894-5632.

Nintendo Gameboy. No games. Paid \$50, asking \$30. Call Carol York, 894-8048.

Convertible hard top for Ford Mercury Capri 1990 models and later. Best offer. Contact Mitch, 894-0734 or 770-943-2198.

Editor's note: Faculty and staff may submit ads via e-mail to denise.noble@vpea.gatech.edu or fax to Denise at 894-7214. Ads run for a maximum of three weeks, in the order in which they are received. For more information, call 894-8324.