GTENS delivers during Jan. test

Robert Nesmith
Communications & Marketing

On Jan. 29, Tech’s office of Emergency Preparedness tested the GT Emergency Notification System, sending messages to the campus community via mobile phone, e-mail and SMS text messages.

Overall, everything went well, according to department director Andy Altizer.

“It appears the vast majority of those who signed up to receive an emergency alert did, indeed, receive them.”

The alert, sent at 11:01 a.m., was delivered to nearly all recipients by 11:04 a.m. Altizer said that 16 people (as of last count) did not receive the alert.

Special delivery

15,819 voicemail messages (more than a 98 percent success rate)

25,348 e-mail notifications

8,798 SMS messages

GTENS continued, page 3

Charitable campaign organizers recognized

President Wayne Clough recognized GT Charitable Campaign Coordinator and Student Center Director Rich Steele, left, with Co-coordinator and Director of Career Services Ralph Hobbly for their assistance and time contributions to the campaign. “In the past, we got too computer-oriented,” Clough said. This year, each department had its own campaign coordinator in an effort to re-introduce the “human element” to the process. Several departments reached 100 percent participation. Nearly $300,000 was raised for more than 1,000 charities as part of a campaign that encompassed all state agencies.

Forum showcases research, boosts collaboration

Assistant Professor Gil Weinberg (inset), director of the Music Technology program in the Department of Music, appears during the inaugural College of Architecture Research Forum Jan. 31.

Robert Nesmith
Communications & Marketing

A new speaker series at the Architecture Branch of the Tech Library seeks to both inform the community and boost collaborative efforts, both within and outside of the college.

The College of Architecture Research Forum, itself a joint effort between the college and the Tech Library, provides a stage for the varied research going on in the college. While its primary audience is the college’s diverse programs and research centers, Tech’s community is invited to listen and learn.

The forums are held the last Thursday of the month during the academic year, from 11 a.m. to noon.

Leslie Sharp, director of Special Projects in the college, described the forums as the first opportunity for the Tech community—both inside and outside the College of Architecture—to see the rigorous and creative research and scholarship that also has practical applications.

“With the diversity within the College of Architecture, it is important that all of our faculty, students and staff are aware of the many points of collaboration within their own college,” said Sharp. “It’s (also) important to show that the research going on in the college is applicable to research throughout the Institute and showcases the strategic plan of interdisciplinarity.” The College of Architecture is home to six academic programs and six research centers.

In selecting a location, the forum could be situated in the College of Architecture building or in the Tech Library, depending on the size of the audience and the scope of the research.

Forum continued, page 3
Tech prepares to undergo required EPA audit

During the week of March 3, a team of external auditors will visit the Institute to conduct a comprehensive audit of all campus facilities and operations for compliance with U.S. Environmental Protection Agency (EPA) regulations. The goal of the auditing process is to achieve and maintain compliance with environmental laws and regulations, rather than face targeted EPA inspections and enforcement actions.

As part of EPA’s College and University Compliance Initiative, the audit is being conducted under an agreement between the Board of Regents and the EPA that requires self-audits at all University System of Georgia (USG) institutions. Under the agreement, Tech volunteers to audit its facilities and operations and self-disclose to EPA any violations discovered. In return, the EPA has agreed to reduce substantially or waive the fines and penalties which would normally be assessed, although Tech will be obligated to develop action plans and implement corrective measures to address any violations identified.

Mark Demyanek, associate vice president of Environmental Health and Safety, believes the audit will be a positive experience for the Institute.

“We had the choice of either waiting for federal regulators to show up on campus unannounced to perform surprise inspections—and risk enforcement actions—or taking a proactive approach by agreeing to participate in the self-audit program, taking compliance matters into our own hands,” he said. “The audit’s findings will help Georgia Tech define its environmental health and safety priorities going forward.”

The audit team will be composed of six individuals: three from the firm that the Board of Regents selected to lead the audit, Woodard and Curran from Portland, Maine, and three subject-matter experts from three USG research institutions. Woodard and Curran has successfully led more than 250 EPA self-audit programs at research institutions, primarily in the northeastern United States, over the past several years. The auditors will follow the same protocols used by EPA enforcement inspectors to evaluate Tech for compliance in each of the EPA regulatory program areas. Areas likely to be of interest to the auditors will include academic buildings, research labs, chemical storage areas, grounds departments, housing facilities, food services, maintenance activities, steam/chiller plants, and other areas where compliance issues may exist.

Compliance issues may include, among others, improper handling, storage and disposal of chemicals and hazardous wastes, air-quality issues, waste-water discharges, fuel storage tank maintenance and hazardous materials management.

The Georgia Tech Environmental Health and Safety (EHS) Office will assist in managing the audit process, with input and assistance from several key Institute committees, such as the Institute Council on EHS and the Chemical and Environmental Safety Committee. However, many other individuals from around campus will be assisting as well. In the coming weeks, EHS will continue working with all Georgia Tech departments to prepare for the audit. Contact EHS at 404-894-4635 with any questions.

For more information...

www.ehs.gatech.edu

Environmental Health and Safety

Wearable electronics

College of Computing and Industrial Design students showcase wearable electronics in “On You,” an exhibition through May 3 at the Museum of Design Atlanta. Left: Industrial Design visiting instructor Clint Zeagler explains “Mobile,” a project that collects data as infants play with it. The SmartNoti jacket (right) can interface with portable devices. Visit www.museumofdesign.org
GTENS. cont’d from page 1

weeks said they did not get at least one part of the alert, and one phone carrier in particular had a majority of the issues. "In this case, that was eight or nine, overall," Altizer said.

Of the voice messages sent, 98.1 percent were delivered successfully to 15,819 unique numbers. Of the 503 that were unsuccessfully delivered, 70 were to a bad phone number and 227 resulted in no answer. Almost all of the Tech community—25,548—received an e-mail notification, and 8,798 received SMS text messages. The main problems encountered were possible spam filtering and no wireless signal, respectively.

To follow up this text, Altizer said there are several things in the works, including continuing to recruit faculty, staff and students. He will Iup the e-mail message to avoid spam and junk-mail filters, work with the carrier that had the most undelivered messages and find out why 70 erroneous phone numbers are on the subscription list. In addition, GTENS users will participate in a training and exercise session this month, in an effort to better learn the 150-character limit of the SMS messaging.

Most importantly, he plans to add some kind of blog or online component to the message, with a link to a Web site where situations can be updated instantly.

"It was one of the things we learned from the false alarm (in November) is that we can't send out a follow-up SMS," Altizer said. "We run the risk of getting the messages out of sequence." With an online "dashboard," he said, it would also enable to the system to circumvent the 150-character limit on text messaging.

For more information...

Safety Procedures
www.gatech.edu/emergency

IN BRIEF:

Foley named to NAE

The National Academy of Engineering elected to its membership Stephen Fleming Chair in Telecommunications and Computing Engineering Professor Foley. Recognized for his contributions to the establishment of the fields of computer graphics and human-computer interaction, he was among 65 new members elected.

He first came to Tech in 1991 to establish the Graphics, Visualization & Usability Center (now known as GVU). In 2001, he became chairman of the Computing Research Association, an organization that includes more than 200 computer science and engineering departments in universities, professional societies and industrial research labs. Foley is also a professor in the School of Electrical and Computer Engineering. For more information, visit www.cc.gatech.edu.

McDowell recognized

Woodruff School of Mechanical Engineering Regents' Professor David L. McDowell received the Khan International Medal at the 14th International Symposium on Plasticity for his 20-year contribution to the field of plasticity.

Selected by an international committee comprised of International Journal of Plasticity editorial board members, McDowell is the third recipient of the award. McDowell, the Carter N. Faden Jr. Distinguished Chair in Metals Processing, is a Fellow of the Society of Engineering Science. He holds a joint appointment in the School of Materials Science and Engineering.

For more information, visit www.me.gatech.edu.

Peterson comes up ACES

The Applied Computational Electromagnetics Society (ACES) named Electrical and Computer Engineering Professor Andrew Peterson as a Fellow in the first class inducted into the organization. Peterson, also the associate chair for Faculty Development, has research interests in electromagnetics, radar signature predictions and in antennas and microwave devices. For more information, visit www.ece.gatech.edu.

Sayle remembered

A 30-year faculty member, retired Electrical and Computer Engineering Professor Bill Sayle died Feb. 2. He was a founding member of the IEEE Power Electronics Society, and is remembered as fostering diversity by recruiting underrepresented minorities and women in engineering and science. He was a member of many Institute-level committees, including the Academic Senate and the Executive Board, and was the recipient of several teaching awards.

WWW.WHISTLE.GATECH.EDU

February 11, 2008
Feb. 12
Sonlic Generator, the Institute’s resident chamber music ensemble, will hold a performance at the Georgia Tech Alumni House at 8 p.m. For more information, visit www.sonlicgenerator.gatech.edu.

The Science Fiction Film Series continues, with Andie Tarkovsky’s “Solaris” (1972), from 7 to 9 p.m. in the Library East Commons area. For more information, visit www.lcc.gatech.edu.

Feb. 15
The Fert Center for the Arts presents blues-based pianist McCoy Tyner and his trio with choreographer and tap dancer Savion Glover. Tickets are $40 and $50, and subscription-based tickets are $32 and $40. For more information, visit www.fertcenter.gatech.edu.

Feb. 16
Chemical and Biomolecular Engineering Associate Professor Pete Ludovice hosts “Pocket Protectors and More,” at 7 p.m. in room 3112 of the Materials Science and Engineering building. For more information, visit www.mse.gatech.edu.

The Science Fiction Film Series continues, with Andie Tarkovsky’s “Solaris” (1972), from 7 to 9 p.m. in the Library East Commons area. For more information, visit www.lcc.gatech.edu.

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Feb. 12
Associate Professor Carson Meredith presents “High-Throughput Screening of Advanced Polymeric Materials,” at noon in rooms 102A and 102B in the Microelectronics Research Center. For more information, visit www.mirc.gatech.edu.

University of California at Riverside Professor Yushan Yan presents “Planar technology for Cheaper and More Durable Fuel Cells,” at 3 p.m. in class-room 209 of the Love Building. For more information, visit www.physics.gatech.edu.

Feb. 13
Northwestern University Professor Bart Willems presents “Compact Object Binaries: Stellar and Binary Evolution in the Gravitational Wave Era,” at 3 p.m. in Howey lecture room 5. For more information, visit www.phy.gatech.edu.

Associate Professor Audrey Duarte presents “Frontal and Temporal Changes in Episodic Memory,” from noon to 1 p.m. in room 217 of the J.S. Coon Building. For more information, visit www.psychology.gatech.edu.

Lynette Young, CEO and president of Damespointe Inc., will be the next speaker in the College of Management’s IMPACT Speaker Series, from 4:30 to 5:30 p.m., in the LeCraw Auditorium of the Management building. For more information, visit www.mgt.gatech.edu.

University of California, Berkeley, Professor Glenn Ballard presents “Lean Thinking and the Management of Projects,” from 6 to 7 p.m. in the Architecture Auditorium. For more information, visit www.coa.gatech.edu.

Feb. 14
The Georgia Tech Center for Geographic Information Systems presents “GIS in Teaching and Research,” from 8:30 a.m. to 5:30 p.m. in seminar room 1116 of the Klaus Advanced Computing Building. For more information, visit www.coa.gatech.edu.

Massachusetts Institute of Technology Professor Suzanne Berger presents “New Frontiers of Binary Evolution,” at 3 p.m. in room 3215 of the Student Center. For more information, visit www.mit.edu.

University of Utah Professor Ilya Zabar presents “Responsive Nanoporous Organic-Inorganic Colloidal Materials,” at 3 p.m. in room G011 of the Materials Science and Engineering building. For more information, visit www.chemistry.gatech.edu.

Feb. 15
School of Public Policy Chair Diana Hicks presents “The Distribution of Research Performance and the Allocation of Resources,” from 11 a.m. to noon in the D.N. Smith Community Room. For more information, visit www.app.gatech.edu.

University of California Professor Revin Frazco presents “Better Living Through Biosensors,” from 11 a.m. to noon in room 1116W of the Klaus Advanced Computing Building. For more information, visit www.coa.gatech.edu.

Feb. 19
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Faculty/Staff Development
Ongoing
The Office of Organizational Development offers a Web-based tutorial on the basics of using a state purchasing card (p-card). To register, visit www.coa.gatech.edu.

Techmasters—Tech’s chapter of Toastmasters International—meets every Thursday at 7:30 a.m. in room 102 of the MRC. For more information, visit www.techmasters.gatech.edu.

The Georgia Tech Faculty Women’s Club offers scholarships for undergraduate students who are children of faculty members. Scholarship amounts range from $500 to $1,500. Applications are due by March 1. For more information, visit www.fgfwc.gatech.edu.

The Office of Organizational Development is offering the Emergency Preparedness Certificate, which consists of several smaller courses, including “Fire Safety,” “Facilities Hazard Training” and “Basic First Aid/Adult CPR/AED.” For more information on scheduling, visit www.orddev.gatech.edu.

Feb. 14
Dina Zechhouser, executive director of Eating Disorders Information Network of Atlanta, presents “Is it a Diet or an Eating Disorder?” at 11 a.m. in the Women’s Resource Center. For more information, visit www.womenscenter.gatech.edu.

Miscellaneous

Through Feb. 15
Specials abound for the Tech community during “Auxiliary Services Loves Students” week. Save 25 percent on all Tech hats at the Bookstore, enjoy specials on the Quad Cafe’s meals and have late fees on parking citations dismissed on Feb. 14. For more information, visit www.importantsstuff.gatech.edu.

The Campus Recreation Center hosts “Rec of Love,” where members of the Tech community can participate in several activities, including health screenings, wall climbing and even a “Love Song” karaoke contest. For more information, visit wwwcrc.gatech.edu.

Feb. 11
Playwright and “The Vagina Monologues” contributor Eve Ensler will read from her new book, “The Good Body,” at 3:30 and 7 p.m. in the Richards Gallery of the Fert Center for the Arts. For more information, visit www.womenscenter.gatech.edu.

Feb. 12
School of Public Policy Assistant Professor Jennifer Clark will sign copies of her latest book, “Remaking Regional Economies: Power, Labor and Firm Strategies in the Knowledge Economy,” from 5:30 to 6:30 p.m. at the Tech Bookstore. For more information, visit www.gatech.bociscollege.com.

Classifieds

Automobiles
2005 Toyota Highlander V6 LE, AWD, leather seats, moon roof, tow pkg., 6-disc CD player, running boards, good cond., $18,500 OBO. 404-310-6085.

1999 Toyota Camry LE. Leather seats, good cond., -63,800 miles. $6,500 OBO. Call 404-510-6085.

95 Jeep Cherokee. 290, auto, 100k miles, exc. cond. All records since new. $1,950. Email rusty.embry@gatech.edu or call 678-848-2167.

Real Estate / Roommates
5BR/1.5BA house for rent in Decatur area. 3 minutes to Decatur Square. W/D hookups. Quiet, private neighborhood. Recently rehabbed. $950/month. Email thania.cantave@carnegie.gatech.edu or call (404) 385-4027.

3BR/1.5BA home in East Atlanta for rent. Newly renovated in quiet neighborhood with fenced back yard. $1,150 + deposit. Call 404-419-6674.

3BR/2.2BA peaceful, furnished, waterfront condo along the southern Outer Banks, N.C. $150/day. 3-day min. Pets OK. Boat slip. More info: www.readymadeparties.com. E-mail jud.ready@gatech.edu.

2BR/2.5BA townhome for rent. Cross Creek condos.

Small enclosed patio, swim, golf and tennis. Great location for Tech. $1,150/month. Call Caroline at 404-239-2304.

1BR/1BA condo overlooking the Smokies. Kichen, living room w/ stone fireplace and balcony. 24-hour security, hiking trails, outdoor grills, pool & spa. Near Pigeon Forge, Dollywood & Sevierville. $480. All cookware, furniture, appliances incl. E-mail realtorjackson @aol.com or pet for pics or call 404-849-4149.

1BR/1BA apt. in Home Park available. Off-street parking. APT security, lots of storage space, central heat/AC. Perfect for one or a couple. No pets. $675 + deposit. 404-512-4618.

Sports/ Fitness/ Recreation
Alternair bicycle, 1992 Mongoose 7005. Shimano XT, Deore XT components. 21 gears, lbc aluminum frame. Mint condition. $450 ($1,000 new). 404-355-2950 after 4 p.m. or 404-894-4525.

2003 Honda CDR 954. Low miles, exc. cond. Includes 2 helmets, jacket, gloves, security chain and cover. $7,500 OBO. Pics available. E-mail marlu.suarez@inta.gatech.edu.

Furniture / Appliances
Putton w/ wood frame and black cushion. Converts to full-size bed. Good cond. $100. E-mail mora.hanlon9@alumni.gatech.edu.

Brynnhill solid pine entertain- ment center, $150; 1 crib, exc. cond. ex. condition, $75; 2 P0S systems, $200 each; Mitsubishi 61-in. HDTV, $700. Pix avail. Email cathy.valero@ae.gatech.edu.

Miscellaneous
In home childcare available in Marietta for children 6 wks. to 3 yrs. Exc. references avail. Call Ryann, 678-560-4459.