Four caught vandalizing Buzz statues

By William Brawley Assistant News Editor

Four Tech students were caught on Oct. 25 for vandalizing one of the Buzz statues near Bobby Dodd Stadium. The Georgia Tech Police Department responded to the scene and apprehended the students, who were seen walking toward the North Avenue Apartments, away from the broken Buzz statue.

The statue that was vandalized sits on Techwood Drive next to the stadium, directly across the street from Brittain dining hall. One of the students was seen by the police with a broken piece of the statue in his hand.

The students were all found to be intoxicated. According to the police report, they also admitted to having no reason or purpose for breaking the statue. The students were not arrested at the scene, but they are currently being investigated by the Office of Student Integrity.

According to the police, it is up to the officer’s own discretion whether or not they want to arrest students and press charges. “If no charges are filed by the responding officer, the case is over on the officer’s own discretion whether or not they want to arrest students and press charges,” said Police Captain Ronald Weaver.

The police did, however, want to stress that while the students in this case were not arrested, this does not mean that people cannot get away with vandalism of the statues or of any Tech property without criminal repercussions.

“They got kind of lucky. I almost picked [up] the case. Charges could have been filed,” said Weaver.

The College of Architecture’s Centennial Lecture Series concluded this week with a talk by renowned designer and Tech alumnus Michael Arad. Arad is best known for being the finalist for the World Trade Center (WTC) Site Memorial Competition.

After living in Israel for almost 10 years and serving in the Israeli Army for almost three, he went to Dartmouth College to earn his bachelor’s degree and earned his master’s in Architecture from Tech in 1999.

During his lecture Wednesday night, Arad began by reminiscing about some of his moments from Tech, highlighting some of his more peculiar work with the administration.

He then went on to speak about his entry into the WTC competition, which involved approximately 5,000 designers and over 13,000 registrants, making it the largest design competition ever.

Arad created his design before the competition was even announced. He said he felt the absence of the WTC towers and wanted to capture what he felt in some sketches and models.

Arad originally designed what he felt after seeing a cake inside a window at a local bakery in New York City. The cake had a picture of the Twin Towers and stated “We Will Never Forget.” Arad realized that the baker used whatever tools he had available to him to commemorate the event and pay his respects, so Arad decided to do something similar with his tools as an architect.

When the competition was
“Tech to Teaching” promotes careers in education

By Jeno Kim
Contributing Writer

Through a new program known as Tech to Teaching, students at Tech are given the opportunity to prepare for careers in teaching at the collegiate or K-12 level. Tech does not have any degree programs that award teacher certification, but this new program enables students to develop their teaching skills through variety of resources, like teaching internships and volunteer opportunities.

Funded by the National Science Foundation (NSF) and led by interim Institute President Gary Schuster, the Tech to Teaching program aims to support Tech students who are considering teaching as a possible career option, while concurrently assisting Georgia in alleviating its shortage of K-12 math and science teachers.

It is this shortage specifically in math and science teachers that makes Tech students top candidates for future teaching positions.

“It is Georgia Tech’s responsibility to help solve the shortage of math and science teachers in Georgia,” said Donna Llewellyn, director of the Center for the Enhancement of Teaching and Learning.

“We not only need to supply [Georgia with] top-quality teachers to support an educated workforce in our state, but we also need to provide our K-12 schools with teachers equipped to fully prepare students to pursue a higher education here at Georgia Tech,” Llewellyn said.

In addition to the $1 million funding from the NSF, Tech committed to a $1.67 million investment towards the program. Tech is only one of six institutions that received the NSF funding to promote education in the area of science, mathematics, engineering and technology.

Teaching certification can only be attained after enrolling in teaching certification programs when students graduate from Tech. However, the Tech to Teaching program allows students to work towards the certification while they progress in their major studies.

Although some certification programs require students to be enrolled as full-time, other programs offer students the opportunity to begin earning a salary by working as part-time teachers, while at the same time pursuing the certification.

Through this program, Tech will work in partnership with other schools, such as Spelman College and Georgia Perimeter College, where Tech students will be given the opportunity to teach some of the introductory level courses in science, mathematics, engineering and technology.

The program is also affiliated with Georgia State University, which offers professional training and licensing to the participating students through cross-registra tion options. “We also hope to initiate and develop partnerships with other universities as the program evolves,” Llewellyn said.

“As increasingly popular educational path for students interested in K-12 teaching is to get their four-year bachelor’s degree in a particular content field and then pursue a one-year Master of Arts in Teaching degree to earn their teacher certification,” said Marion Usselman, senior research scientist at the Center for Education Integrating Science, Mathematics

By Kaitlin Goodrich
Staff Writer

Last week, a member of Housing maintenance reported a hole in the wall at the end of the hall on the third floor of the North Avenue North Apartment Building. Two residents of the building were found to be responsible by housing staff and were written up through a housing incident report.

The cost to fix the damage will be about $120. The residents were not charged by GTPD, but will be dealt with through Housing.

From the files of the GTPD...

Campus Crime

By Kaitlin Goodrich
Staff Writer

Car chase

Last Monday, the police pulled over a woman after a registration check indicated that she had no insurance. After confirming that the policy was no longer valid, the woman was asked by the police to step out of her car and walk to the patrol car.

The woman repeatedly refused and eventually drove away. She continued to flee down North Ave., using the grassy median as a passing lane, with GTPD in pursuit.

When the woman reached a dead end in the road, the police took her into custody. The car contained large amounts of new clothing security tags.

While the officers were booking the arrest, the woman stated that she believed that the arrest had caused her to miscarry, although she there any physical evidence of a miscarriage. The woman was taken to Fulton County Jail.

Hole in the wall

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This week in Student Government

Meetings from Nov. 11, 2008.

Free Shirts

Joint Allocation to SGA for Free Student T-shirts: SGA asked for $5,302 to provide students with free T-shirts for the football game against Miami.

The purpose of providing free T-shirts is to unify the student body and give Tech a powerful visual image during the ESPN televised final home game of the season.

Even though other initiatives have been taken in the past to encourage students to wear certain colors during games, they have always been more effective when free T-shirts were given out.

The last time an effective Gold Out was held was two years ago on the Throwback Thursday game where students were given free T-shirts.

The original amount requested in the bill was $8,028, but due to corporate sponsorship, the amount requested of UHR was lowered. The bill passed UHR 43-1-0 and GSS 22-1-0.

At Taste of Africa, the African Student Association plans to show different aspects of African culture through dance, skirts, a fashion show and other performances. The goal is to give students an idea of the many different cultures of Africa.

The money requested is going towards covering costs for decorations, posters, Student Center Ballroom equipment and hiring a dance group to perform at the event.

UHR passed the bill 41-3-0 and GSS passed it 23-1-0.

Taste of Africa

Joint Allocation to African Student Association: In the bill, the African Student Association asked for $700 to help fund Taste of Africa.

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Taste of Africa

Joint Allocation to Georgia Tech Men’s Lacrosse: In the bill, the men’s lacrosse team asked for $6507 for the purchase of 40 new helmets and 40 new uniforms for their members.

The helmets currently in use have a three-year warranty, which will be expiring soon. Despite efforts to prevent wear and tear and maximize the equipment’s lifespan, the equipment needs to be replaced. The bill is currently pending decision.

Paintball Voted

The bill, Joint Allocation to the Paintball Club, Start-up Expenses, which was passed last week in UHR, has been vetoed by the President.

Since the Paintball club was still on pending club status, the president felt that the club should be approved as a full-fledged organization before receiving funding from the SGA, as only actual Tech clubs are eligible for capital outlay funding.

In UHR to override the presidential veto failed 3-38-0, and the veto remains in place.

The bill will be resubmitted in the future.

Accountant Hired for SGA

A joint resolution approving the creation of an SGA accountant position was passed 43-0-0 in UHR and 24-3-2 in GSS.

This accountant would be in charge of overseeing all expenditures by SGA and keep track of any unspent or misspent allocations to student organizations.

Food aid reaches embattled Congo

The UN through the World Food Program has managed to send a convoy of badly needed food into the war torn town of Rutshuru, in the DR Congo, reported the BBC.

The first convoy has broken through with high-energy biscuits for children.

The UN also hopes to be able to send in 300,000 more peace-keeping troops to the area to aid the current 9000, believing that the presence of more troops may finally give sufficient numbers to protect civilians from the battling FARDC and CNDF factions.

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Two recent graduates recognized at SREB conference

By Katlin Goodrich
Staff Writer

Minority teaching may be getting a new spark from Tech graduates. The Southern Regional Education Board (SREB), a nonprofit organization that advises state policy makers and leaders on education policy in the South, recently recognized Tech Ph.D. students for their work.

The two alumni were recognized for completing their Ph.D.s as part of the SREB State Doctoral Scholars Program, which is designed to increase the number of minority faculty members on college campuses in the South.

Those honored are given a plaque to celebrate their achievements and granted the opportunity to speak about the experiences that led to their decision to pursue their doctorate degrees.

The SREB Doctoral Scholars Program was developed with support from the Pew Charitable Trusts and the Ford Foundation as part of a nationwide initiative, called the Compact for Faculty Diversity, to increase the number of minority faculty members on college campuses in the South.

In Covey, movement through space is connected to music. A player can control the pitch, brightness and volume of the music by physically moving through a given space.

“A lot of our research here, especially with Covey, involves audience participation [and] collaboration, meaning ... the audience does not just sit back during a concert, but [they] are actively engaged in creating music,” said Jason Freeman, head of the Distributed Music Group.

Most of the student researchers in the CMT are graduate students with backgrounds in a wide variety of fields.

This is only the second year that the Department of Music has offered a master’s degree program in Music Technology, and a proposal to create a Ph.D. program in Music Technology is in the works.

“In today’s world, music is increasingly tied to video, visual stimulus and mobile computing,” Clark said. “Why shouldn’t Tech students be able to combine their passion for engineering with their passion for music?”

Sliver

www.nique.net

So ISYE 3025 is a 1 hr class and is failing nearly everyone. How does that make sense?

striks knip eht hirw hguone yuurrarn

Why doesn't someone invent the Star Trek Transporter technology?!!!

Beam me up Scotty!!

Stingerette drivers are sooooo... MEAN!!

They go to KFC and ride friends around then are late, and they yell at us all if we anyone calls on them!

North Carolina cheated

GO JACKETS!!!!

Stingerette drivers are sooooooo MEAN!!

Those were Kanye West glasses on the buzz, idiot. You're the geek!!!

Election results '08 = one small step for African Americans = one giant leap BACKWARDS for Homosexuality.

We will come back from this last game!!!!!!!!

North Carolina cheated

GO JACKETS!!!!!!

Stingerette drivers are sooooooo MEAN!!!

They go to KFC and ride friends around then are late, and they yell at us all if we anyone calls on them!

abortion is not genocide, it saves lives. so get off skiles if you're going to bend the truth!

BATWING!!!

today in english my teacher told me that i and the rest of the world is fake

"if he would've told anyone he f---ed five girls in the past year, he would have told you"
NSF grants $8.1 million for new materials research center

By Vijai Narayanan Contributing Writer

Tech recently received an $8.1 million grant from the National Science Foundation (NSF) to create the Materials Research Science and Engineering Center (MRSEC).

The funding will be used to continue research and development efforts into alternative semiconductor materials for the next six years.

The MRSEC will have facilities in the new Marcus Nanotechnology Research Center Building (NRCB). It will also be located in research labs across campus run by the schools of Physics, Electrical and Computer Engineering and Chemical and Biomolecular Engineering.

“The focus in the MRSEC in general is they take different approaches and different directions as to what material types and what problems they are trying to address,” said Dennis Hess, director of Tech’s MRSEC.

Of the 31 MRSECs across the country, Tech is the latest to receive funding from the NSF to pursue research into alternative materials.

“The thing that we were interested in was electronic materials, because we are getting to the point where the silicon used in microelectronics is reaching its limit, in the next seven to 10 years,” Hess said.

In their approach to solve this problem, the MRSEC will focus on finding alternative materials that could serve as viable replacements for silicon, which is currently used in a wide range of microelectronic devices, from computers to cell phones.

The MRSEC serves as the umbrella organization for Interdisciplinary Research Groups (IRGs), which focus on more specific research topics in materials science.

To start out, Tech will have one IRG headed by Walt de Heer, re-gents’ professor in Physics.

Hess hopes to expand the number of IRGs on campus as the MRSEC continues to investigate properties of materials. Hess cited the existing emphasis on interdisciplinary research at Tech as one of the reasons why this group will be brought together so easily.

Hess hopes that in the future, the programs will include other sciences to appeal to a larger body of research.

In addition to research, the program will also place emphasis on educational outreach to the greater academic community. In fact, half of the funds from the grant will be dedicated to this purpose. The MRSEC is planning on working with the Center for the Enhancement of Teaching and Learning ( CETL) to achieve this goal.

The program also emphasizes diversity among its participating members. The MRSEC aims to bring people of different backgrounds from all over the world to work together and solve the research problems confronting the field of alternative materials today.

The program hopes that by including a diverse body of researchers from diverse educational backgrounds, they will be able to approach the current research from new perspectives that can provide fresh insights into their work.

Research has been progressing in Tech’s IRG for quite some time. The group has been actively investigating a material called graphene, which could significantly reduce the thickness of the layers necessary to create an electronic device.

For his impact in the field of materials science, Hess was named one of six recipients of the Young Architects Petition, announced in May 2004, groundbreaking did not start until 2006, and the final project is estimated to be completed in 2011.

Arad has said that the memorial will be temporarily opened for the tenth anniversary of Sept. 11.

Because of the emotions and politics involved in a design of this nature, Arad said he had to follow a very rigorous process of changing elements, both major and minor, in his original design. However, a vast majority of his original design is intact, Arad said, and the process has led to an expansion of features rather than a simple reduction.

The general idea of the design encompasses a sense of the void, in two large pools set in the footprints of the former Twin Towers, with an additional abyss in the middle of each pool.

By having to take things “back to the drawing board” on many occasions, Arad has faced many issues with the process of design.

Still, Arad said his education at Tech helped him in ways that most would not have imagined. He claimed that there was no “orthodoxy, no ‘-ism’ at Tech relating to its architectural and design discipline. “But I’m richer for that,” Arad said, referring to Tech’s lack of a specific instruc-tional dogma.

For his impact in the field of architecture and his design for the WTC Site Memorial Com-petition, he was named one of six recipients of the Young Architects Award by the American Institute of Architects.
Vandalism from page 1

ized just days after being set up, with the antennae and accessories being broken off the sculptures.

Information about this incident, such as the identities of the four students, was limited since the case has now been transferred over to the Office of Student Integrity, and they are currently in the process of investigating the incident.

“These students, like any other students, have to go through the Code of Conduct process,” said Ericka McGarity, assistant dean of Students and Director of Student Integrity.

The investigation process for a violation of Tech’s Code of Conduct begins with an initial investigation, including interviews with the accused students.

The Student Conduct Administrator will then determine if the incident is to be considered a Low Level or High Level case.

In Low Level cases, the Student Conduct Administrator will determine whether or not to make sanctions against the guilty party.

In the case of a High Level incident, the accused has the option to have their case heard by the Student Conduct Panel, which is composed of his or her peers. If this is the case, the Student Government Association handles this process through their judicial branch.

Disciplinary sanctions range from a written warning placed on the student’s official disciplinary record to a full suspension or expulsion from Tech.

MSEC from page 5

cantly improve the performance of microelectronic devices when compared with those made from silicon.

“In principle, we can gain a factor of a hundred or so in performance by simply making that substitution and making the right kind of devices out of graphene,” Hess said.

Hess made a point to highlight the pace at which research on the topic of graphene properties is occurring in laboratories around the world.

“If you compare this with the silicon semiconductor industry, it took tens of years to fabricate small transistors. Already we have seen researchers fabricate small transistors using graphene, so this process of research and development is moving very fast,” Hess said.

Work to study the properties of graphene and create more successful electronic devices with the material are currently moving forward.

In the future, graphene is expected to become an extremely important material with numerous uses, promising to open new frontiers in materials research and the microelectronics industry.

“This looks to me to be exactly analogous to the development of the silicon industry. The process began with the physicists and the electrical engineers developing the industry, who then brought together people from all other disciplines, which is exactly what is happening now,” Hess said.
of minority Ph.D.s and to encourage them to seek full-time faculty positions. “All this is kind of ground breaking. Until we started this program about 15 years ago, the only minority Ph.D. holders in the South had finished either at historically black schools or had gone to school in other parts of the country,” said Alan Richard, director of communications at SREB. 

“We had a dire shortage of minority faculty members here and we still do, even with the gains that we have made,” Richard added. Currently, more than one third of students on college campuses nationally are considered racial or ethnic minority students, but only small percentages of faculty at universities are minorities: approximately five percent are African-American, three percent are Hispanic and roughly one percent are American Indian.

Programs like the one offered by SREB are trying to rectify this great divide between minority students who study at universities and those who eventually become professors at them. After minority applicants are accepted into a doctorate degree program, they become eligible to apply for the SREB Doctoral Scholars Program. Participants in the SREB program are provided with the possibility of five years’ worth of tuition and fees to complete their Ph.D., as well as a $15,000 per year living stipend, professional development support and expense-free attendance to the Compact for Faculty Diversity’s Institute on Teaching and Mentoring Conference.

Participants are also assigned a mentor to help guide them through the process of gaining a doctoral degree. Candidates who complete the program are expected to go on to become a full-time faculty member at a secondary institution.

The hope of the SREB program is that by providing continuous assistance to minority students trying to attain a Ph.D., the percentage of minority faculty will increase. This would create a wealth of mentors who will be able to support future minority Ph.D. candidates on university campuses.

“The whole point of our program is to encourage gifted minority students to consider college teaching as a career … we desparately need to have this pool of talent as college faculty members and mentors to our diverse student bodies,” Richard said.

After completing her doctorate in biomechanical engineering this past summer, Metcalfe took a position at Tech as the associate director of the Center for Bioinformatics and Data Management. Eason completed his doctorate in Mechanical Engineering, and has not yet reported to SREB what he intends to do for post-doctorate work.