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TECHNIQUE

THE SOUTH'S LIVELIEST COLLEGE NEWSPAPER

Stomp at the Fox

***Stomp* dazzles viewers with a strong percussive performance and intricate beats.** ▸17

Ga. Senate approves HOPE scholarship changes

NEW HOPE SCHOLARSHIP REQUIREMENTS

	HOPE SCHOLARSHIP	ZELL MILLER SCHOLARSHIP
HIGH SCHOOL	Graduate with 3.0 GPA	Graduate with 3.7 GPA and 1200 SAT
COLLEGE	Maintain 3.0 GPA	Maintain 3.3 GPA
PAYOUT	90% of tuition, $0 for fees, books	100% of tuition, $0 for fees, books

Infographic by Vivian Fan and Mike Donohue/ *Student Publications*

By Mike Donohue
SGA Editor

The Georgia Senate voted on Tuesday along party lines to decrease HOPE scholarship payouts by $320 million. The 35-20 vote came after a nearly four-hour floor debate which ended substantive discussion on the fate of the scholarship.

The House of Representatives passed the amended version of the bill on Thursday, March 10, with a vote of 136-32. Calling the bill "Enduring HOPE," Gov. Nathan Deal has said he will sign the bill next week. After being signed by the governor, the bill will go into effect starting in Fall 2011 for all in-state college students.

Senators passed a bill slightly different from the original version sent to them by the House on March 1. Besides making some technical amendments, Republicans amended the bill to automatically qualify high school valedictorians and salutatorians for the full tuition Zell Miller Scholarship and to establish a low-interest loan program intended to bridge the gap for some students between HOPE payments and tuition.

"We had to save a program which is accepted as one of the best in the country," said Sen. Jim Butterworth (R-Cornelia), chairman of the Senate Higher Education Committee.

The new program will give scholarships equal to 90 percent

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Students compete for InVenture Prize

Photo by Victor Lee / *Student Publications*

Winners of this year's InVenture prize celebrate following the announcement of the competition's results. The third annual Georgia Tech InVenture Prize finals were held at the Ferst Center and were broadcasted on the local GPB station.

By Aakash Arun
Contributing Writer

Seven teams of enterprising Tech students showcased their inventions last Wednesday for the third annual InVenture Prize competition. At stake were potential internships, assistance with patent filing, valuable publicity and thousands of dollars in prize money.

Created and organized by Tech faculty, the InVenture Prize is a yearly campus competition intended to foster student innovation and entrepreneurship. This year's finals took place at the Ferst Center, where all seven teams had the opportunity to pitch their inventions to the audience and judges.

"The purpose of InVenture is to help students who have creative ideas and innovations," said Ray Vito, vice provost for Graduate and Undergraduate Studies and principal organizer of the event. "The idea is to help make progress from concept to creation and, in the process, provide significant incentives and prizes."

Televised live by Georgia Public Broadcasting, the finals were co-hosted by Miles O'Brien, NASA expert and former CNN anchor, and Dr. Bahareh Azzizi, a Tech graduate and student mentor. The panel of expert judges included Greg Foster, founder and CEO of BrightWhistle, Dr. Deborah Kilpatrick, vice-

See **InVenture**, page 6

Sustainability fee proposed

By Aakash Arun
Contributing Writer

In collaboration with campus environmental club Students Organizing for Sustainability (SOS), the SGA's Sustainability Committee has compiled a proposal to institute a Green Fee on campus. The Green Fee, or Sustainability Fee, is a student fee that will be used to fund sustainability-related projects. The primary goal of this fee is to achieve sustainability by reducing waste generation, water consumption and energy usage on campus.

The idea was first proposed earlier this year by members of both organizations. A separate committee, the Green Fee Committee, will be established in order to manage funds collected by imposition of the green fee, if it is approved. This committee will consist of both student and faculty members who will allocate the collected funds towards various sustainable activities throughout an academic year. The amount for the fee might be subject to change every year based on the committee's decision.

"A similar fee is currently in place in many comparable colleges and universities across the U.S., including UGA," said Tomas Leon, Sustainability Committee co-chair and third-year CEE. UGA approved a $3 Green Fee last year in order to create an Office of Sustainability, which coordinates efforts for environmental sustainability.

Molly McLaughlin, president of SOS, said during a UHR meeting held on Feb. 15 that

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CoA professor investigated by GBI for theft from Institute

By Maddie Cook
Staff Writer

The Georgia Bureau of Investigation is currently investigating Professor Roozbeh Kangari from the College of Architecture for theft from the Institute. Kangari, the former Chair of the School of Building Construction, stepped down from the position last year after serving for 14 years.

Suspicions have been raised over Kangari's travel expenses, which rose from approximately $14,000 in 2006 to over $44,000 the following two years. In 2010, his expenses fell back to $14,000.

This increase in funds was discovered by Tech auditors during their review of the expenditure accounts.

Tech Chief Audit Executive Phillip Hurd wrote an outline of the allegations to the Board of Regents Associate Vice Chancellor for Internal Audit, John Fuchko III. This memo was attached to the letter request for investigation sent to the Georgia Bureau of Investigation (GBI). Attorney General David McLaughlin submitted this request of investigation to the GBI on Oct. 7, 2010.

Kangari claims that an individual at Tech illegally released the results of an audit.

"I am very upset that someone at Georgia Tech saw fit to violate the clear mandate in the Faculty Handbook requiring confidentiality of an audit," Kangari said in an email. "I have asked the Office of Legal Affairs at Georgia Tech to investigate this clear violation. I have provided the necessary documents to the University for this audit. I have fully responded to all of the University's questions."

Assistant Attorney General Laura Pfister has been appointed to address the case once it has been fully investigated by the GBI. Pfister has previously dealt with cases relating to Tech.

"I have absolutely nothing to hide. I have explained everything. I do not understand why this has been blown way out of proportion. I intend to defend myself, to fight this innuendo, this smear campaign, with all my heart and soul," Kangari wrote.

Patrick O'Connor, a third-year BC major, commended Kangari's leadership ability.

"[This case] is sad because he did so much for the program…it's sad that there is a black mark on his name now," O'Connor said.

O'Connor also participated in the BC Paris Summer Study Abroad program, which Kangari taught in 2009.

Because the investigation is still ongoing, employees in the College of Architecture have declined to speak with the media.

John Bankhead, the spokesman for GBI, explained that following the completion of the investigation, the case will be turned over to the Attorney General's Office. That office will determine the appropriate course of action based on the evidence collected by GBI.

Photo courtesy of Communications & Marketing

Dr. Kangari denies responsibility for any wrongdoing in the case.

TECHNIQUE

The South's Liveliest College Newspaper

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From the files of the GTPD...

Campus Crime

By Matt Schrichte
Contributing Writer

Down for the count: Round 1

A student was arrested after striking a paramedic who was treating him for a laceration to the back of his head from a previous altercation in the early morning of March 4.

The student was struck in the back of the head earlier in the night during a scuffle with another student.

The student informed the responding GTPD officer that he had been struck and kicked in the head repeatedly during the earlier fight.

The student was evaluated by ambulance paramedics who advised the student that he would have to be transported to the Grady Emergency room due to the nature of the injury and because he had been drinking prior to the altercation.

The student did not wish to be transported to the hospital and struck one of the treating paramedics in the face. He had to be restrained and sedated before being transported.

Down for the count: Round 2

A scuffle between a student and several unknown males ensued outside of a residential area at approximately 1:45 a.m. on March 4.

The altercation began after one of the unknown individuals began kicking the door of the house. It was then that the student attempted to restrain the unruly individual outside of the house.

A slight altercation took place and the student was pulled back into the house unharmed.

Reason not to study

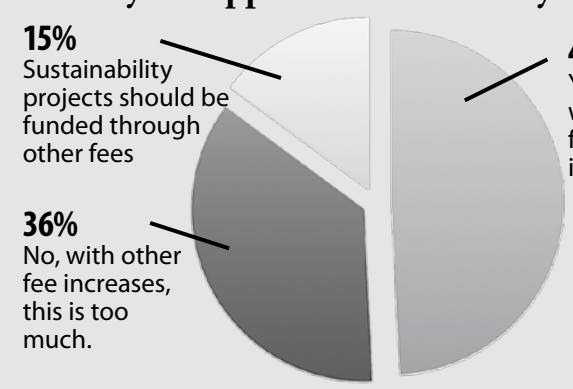
While studying in the library Monday afternoon, a female student was approached by an unknown male who then told her to, "Take off your sweater because it's going to be me and you."

The male then began fondling and rubbing himself inappropriately over his blue jeans while making obscene gestures towards the victim.

The student immediately reported the incident to campus security.

POLL OF THE WEEK

Would you support a sustainability fee on campus?



Based on 196 responses

Next issue's question:

What form of transportation do you use to get to class?

Tell us at **nique.net**

Council Clippings

This week in Student Government

By Mike Donohue, SGA Editor

Each week, this section includes coverage of different aspects of Student Government, including the Undergraduate House of Representatives, Graduate Student Senate and the Executive Branch of both governments.

Bicycle infrastructure

SGA voted on Tuesday to allocate $26,146 to build new bike infrastructure in a move which Graduate Student Body President Anthony Baldridge says illustrates that sustainability initiatives can be handled through Student Activity Fee (SAF) funds. The bill passed the Graduate Student Senate with a vote of 23-6-0 and the Undergraduate House of Representatives with a vote of 43-6-0.

Organized by SGA's Bicycle Infrastructure Committee (BIC), the bill will fund the construction of new bike lanes on Hemphill Ave. and Ferst Dr. It would also add bike racks to areas outside of the Instructional Center, the Management Building and the Ford Environmental Science & Technology Building. According to Gretchen Goldman, Chair of BIC, Institute Facilities only pays for new bike rack installations, not enchancements to existing ones.

"I really think that this is a great project in terms of sustainability...on campus. It sets a great example for other organizations in terms of the more work you do behind the scenes the more likely your bill is to have a positive reaction from the House of Representatives," said HTS Rep. Kaitlyn Whiteside, also vice president of Campus Affairs.

The proposed Sustainabilty Fee and Baldridge's opposition to it underscored the debate in the Senate. AE Sen. Will Runge and CS Sen. David Lillethun asked why students should pay for the installations out of SAF funds instead of having the administration or Parking and Transportaton pay for it. Runge said that having students pay for these improvments would amount to students "bailing out" the administration.

Balrdige clarified that Transportation fee funds may only be used to pay for Stingers, Stingerettes, and other mobile transportation systems. He continued by saying that Senators "have the power to dictate sustainability on campus," contrasting SGA's control over the bill process with the proposed Sustainability Fee's plan of using a separate committee of students and administrators.

"My feeling was that this is something the University should be doing for us...not something we should have to pay for," Lillethun said. He did vote for the bill, however. "I would rather do this than have a new fee increase," he said.

"[The bill] entailed this vision of using student government to look into sustainable issues to avoid having to start this sustainability fee..." Baldridge said. Responding to claims that the administration should fund similar improvements, Baldridge said "This is almost our share, if you will, to put into it."

Bill Nye

Despite objections to the contrary by Student Center Programs Council (SCPC) and some members of SGA, the Graduate Senate and Undergraduate House moved to cut almost $12,000 from a bill which will bring Bill Nye to campus. Both bodies voted to fund the bill at a Joint Finance Committee-recommended level of $13,700 with a vote of 25-6-0 in the Senate and 36-13-0 in the House.

SCPC asked for $25,300 to pay for Nye's speaker fees. They plan on contributing $10,000 from their budget and raising $4,000 through ticket sales. During debate in the House over whether to cut the bill's funding, SCPC president Paul Brideau said he was unsure if the group could still bring Nye to campus with the limited funds.

After the meeting, SCPC Vice President of External Relations Louella Lugo said in an email, "Waiving JFC's policy would put

See **Clippings**, page 7

Bill Summary

Bill	Amount	GSS	UHR
AMSA	$336	31-0-0	46-0-0
ORGT	$2,275	30-0-0	46-0-0
Bill Nye	$13,700	25-6-0	36-13-0
Bike Infrastructure	$26,146	23-6-0	43-6-0
Ultimate Frisbee	$2,540	18-5-1	41-8-1
Mars Society	$1,939	27-1-1	47-1-0
I Society of America	$2,167	19-1-2	43-4-0
Student Finance Office	$4,208	20-1-1	43-2-1
Table Tennis	$1,093	19-0-2	49-0-0
GSS budget Meeting Meals	$500	29-1-0	---

Prior Year: $92,067 Capital Outlay: $345,795

You can follow Mike at the Nique's blog, The Pulse. Check in at 7:30 p.m. on Tuesday for updates from UHR sessions at nique.net/pulse.

Photo by John Nakano / *Student Publications*

During this week's UHR meeting, representatives began discussing the budget allocations for Tier I campus organizations.

CMT hosts musical instrument competition

By Henry Duong
Contributing Writer

The Georgia Tech Center for Music Technology (CMT) hosted the third annual Margaret A. Guthman Musical Instrument Competition on Feb. 24 and 25. The School of Music and College of Architecture sponsored event included a free live concert that was open to both the Tech community and the general public. The competition culminated with the awarding of $10,000 in prizes to the top finalists.

The Guthman Competition is an event for inventors and designers of new musical instruments from all over the world to showcase their work and innovation at the cutting edge of instrumental music and music technology.

"There is no other competition like this in the world," said Jason Freeman, a judge for the competition and assistant professor in the School of Music. "Some of the goals [of the competition] are to promote the development of new musical instruments, to build a community of instrument designers and to showcase some of this incredible work."

Entrants to the competition go through multiple rounds of selection, including an initial round of video clip submissions, then live auditions, to reach the finalist stage. This year, there were 24 semi-finalists from six different countries chosen from over 50 entries.

The instruments are judged on three areas: musicality, design and engineering. The competition is concerned with the novelty of the design, the soundness of the engineering, how well the instrument can be learned and played and the musicality of the sounds produced.

Photo by Sho Kitamura / *Student Publications*

A participant demonstrates his creation at the annual Guthman music competition. Competitors from across the whole globe convened at the Reinsh-Pierce Auditorium to showcase their inventions.

One finalist entry was the Invisible Instrument, designed and demonstrated by Tim Soo, a medical student at the University of Pennsylvania and a native Georgian that graduated from Emory University. The instrument uses familiar electronic gadgets, an iPhone and a Wii remote, to capture and simulate the motions and sounds of playing of a wide range of traditional instruments including the violin and the guitar.

A primary goal of the Invisible Instrument is to allow greater physical mobility, versatility, and accessibility in electronic instruments, by utilizing electronic technology that has become more available, such as the gyroscope in iPhones. Increasing the accessibility of instrumental music, especially learning to play instruments and to create new instrumental music, is also one of the motivations for the development and exploration of new musical instruments, according to Freeman.

Another finalist was Leon Gruenbaum, a musician and a graduate of Harvard University. His instrument, the Samchillian Tip Tip Tip Cheeepeeeee, was an electronic keyboard based on the idea of relativistic scales.

Gruenbaum's instrument uses differences in pitch from the last note to map the keyboard, which makes possible certain techniques and styles of playing that traditional keyboards do not.

Gruenbaum received one of the three cash prizes given out in the competition. Other finalists included Jacob Sello from Germany. His instrument, the Hexenkessel, was a re-imagined and computerized drum. The group Interlude Consortium, from France, created the instrument the MO. The MO captures movements and gestures and translate them into digital music. It went on to receive the top prize this year.

NEWS BRIEFS

ABAC engineering track established

Current and future Abraham Baldwin Agricultural College (ABAC) engineering students enrolled in the School of Mathematics and Science are now being offered guaranteed acceptance to Tech, so long as they meet the requirements set by the Regents' Engineering Transfer Program's (RETP).

In order to be guaranteed acceptance, ABAC in-state and out-of-state students must maintain 2.7 and 3.0 GPAs, respectively, in addition to completing all courses required by the RETP.

The program was approved after the math faculty at ABAC developed a new differential equations class that will be similar to Tech's. The class will first be taught in the Spring 2012.

Dog days not over

Owners can teach their dogs to shake their paws, but not their wet fur. An ongoing study being conducted by Institute researchers into how a wet dog's shake can be applied to modern appliances continues to garner media attention.

The group discovered that the smaller animals must shake faster to dry themselves off. They videotaped over 16 different species shaking off their fur in order to analyze the phenomenon. They found a relationship between the radius of the animal and the frequency with which it had to shake to dry off. This work can be applied to improving the performance of household appliances like washing machines.

The study, led by Assistant Professor of Mechanical Engineering David Hu, was featured in an article on *Popular Mechanics* website on March 8.

sliver

www.nique.net

Yeah tall guys
what's the best thing about spring semester at tech? getting to sing sweet caroline at baseball games.. duh!
Dear indian boy and red headed girl in my MGT classes, stop being so distracting. At least try to look like you're paying attention.
i love gt!
Did he just friend request me? Oh yes, he did. Oh yes, he did. Oh YES, he did!
sorry i'm an engineering major and have an analytical mind. my bad
senior design = trying to get other people to step up and be assertive = not my darn problem
one fish two fish red fish dead fish
macaroni and cheese is to me as caviar is to the queen
A green fee just means we'll be paying more to not be able to park on campus
Do u want to spend the rest of ur life selling sugar water???
Five years have passed soo fast. Great times and hard classes. Ill miss it
I wish you could "like" slivers
i just want to run around in tight clothes and sing in falsetto and that be masculine, okay?
A sustainability fee? Tech should operate sustainably without creating a new fee.
Note to self, they aren't joking when they title a course "Advanced"
How much coke did Charlie Sheen do? Enough to kill 2 and half men
tkol reviewer, i've seen better music reviews from disenchanted hipsters in pitchfork comment sections >_<
If he makes you that sad, you really need to leave him.
You're not gonna fall for the banana in the tail pipe?
Technique editor is terrible
Grumpy girl with one angst year left- I love you!
i'm obsessed with my new lotion.. it smells like cookies :)
how do you decide which slivers to cut?

Students celebrate I <3 GT Week

By Coby Lu
Contributing Writer

Photo by Sho Kitamura / *Student Publications*

Students gather outside the student center to pick up free T-shirts and take part in games and activities as a part of I <3 GT Week.

Over the past week, students were invited to celebrate I <3 GT Week, a week-long series of events across campus in an effort to increase and renew school spirit.

"A lot of excitement is typically associated with Fall semester because it starts a new school year, there is football every week and plenty of days off of school worked in. Spring semester tends to be a bit more difficult, with significantly less breaks, often more demanding classes and students that are worn out from two semesters in a row of classes. Spring is a perfect time for I <3 GT Week for those reasons," said Brooke McDaniel, undergraduate vice president of communications and third-year MGT major.

Students were free to participate by going to events and were given pick-up stickers and free T-shirts throughout the week all around campus.

The first event of the week was "Breakfast with the Reck," which was held on Monday morning at 8 a.m. Students had the opportunity to meet and mingle with members from the Ramblin Reck Club to learn about Tech traditions and the school mascot, Buzz. Later that day, the Student Alumni Association (SAA) led the "Tradition Tours" around campus in an effort to further explain Tech history and traditions.

The following day, the Student Center Programs Council (SCPC) held the "Sting Break Festival" at the Student Center. Due to construction, the festivities were moved indoors. Students were able to pick up a free T-shirt commemorating Sting Break and tickets that allowed them to do everything from receive free pizza, chicken biscuits, hot dogs and ice cream, to making stuffed animals. There were also various giveaways and roaming entertainment that included a stilt walker, belly dancer, juggler, mime and living statue. There were also various booths for henna tattoos, airbrush tattoos, engraved tags, snow globes, license plates and balloon art.

In addition, students were invited to write a letter to alumni to thank them for donations and service during the "Alumni Thank You Letter Writing" event. The GT Ambassadors also hosted a "Thank a Teacher" event. Booths were set up around campus where students could write thank you notes to teachers. The notes were then delivered to the respective professors.

The celebration will end on Friday following the "Jackets at the Diamond," event to support the Jacket Baseball team during their game against Maryland, which will take place in the afternoon at Russ Chandler Stadium.

SGA planned the week and coordinated with other organizations including Ramblin Reck Club, SAA, SCPC, Ambassadors, freShGA and a number of other Freshman Leadership Organizations. This is the second year that this event has been held, following a successful initial inaugural run last year.

"Students come to Georgia Tech for many reasons, and one of those reasons is undoubtedly that they like it here. Too often we get caught up in the difficulty of our courses, the stress of keeping up with the caliber of work that is expected of us and the pressure of finding perfect jobs, and we lose track of all the amazing aspects of being in the Tech community. I <3 GT Week aims to exemplify some of the many reasons we have to love this school," McDaniel said.

New bill system to be developed

By Isaac Park
Contributing Writer

The SGA is sponsoring a $5000 campus-wide competition to replace JacketPages with a student-designed system. This competition aims to address various concerns raised by campus organizations and members of both the Undergraduate House of Representatives (UHR) and the Graduate Student Senate (GSS).

JacketPages is an online system intended to facilitate the work of student organizations and the SGA. It has two major components: a social side that provides student organizations a useful networking tool and a financial side that provides SGA a platform for submitting bills and funding requests. The website costs $13,000 a year to maintain.

Users of the current system have lobbed criticism at the cost, updates, and lack of functionality.

"There are a host of issues with the software," said Matlock Rogers, vice president of campus organizations and third-year ISyE major. "It's causing our meetings in the House and Senate to last an extra hour or hour and a half. It's not helping us work effectively as an organization to serve other student groups on campus."

"It's a system designed to meet the needs of more than 175 campuses, and most other campuses don't do as much with their SGA as we do here," said Graduate Treasurer Evan McClain. "So it's not as flexible."

The guidelines for the competition are laid out in a "Request for Proposal" (RFP) written by an ad-hoc committee chaired by McClain. According to the RFP—available on the SGA website—the main goal of the competition is to replace the JacketPages bill-submission process. The RFP lays out a set of minimum requirements for the bill system—as well as a set of "bonus" features that would increase the prize money.

Initial proposals will be due March 16, including HTML mock-ups and database schemas. The judges do not expect the systems to be fully functional, but to demonstrate the ability to fulfill all requirements. The top three proposals will move on to the final round of judging, and fully functional prototypes will be due April 6. The winning system will receive up to $4000, while the two remaining prototypes will be purchased for $500.

"My administration has always focused on fiscal sustainability and responsibility, and this is much more sustainable," said Graduate Student Body President Anthony Baldridge. "This is a one-time fee of $5000. This should work. This should be adaptable for the future."

The panel of judges will include members from both the UHR and GSS, as well as reviewers with the background and expertise to evaluate the code itself. To help clarify the SGA's bill-submission process and the RFP's list of requirements, SGA will host a series of information sessions.

"We've had a lot of complaints about the current system—that it's confusing, that it doesn't make sense," Rogers said, "I'm excited about replacing JacketPages with something that's more effective for the students."

InVenture from page 1

president of the genomics firm CardioDx, David Phelps, president and CEO of CreoSalus and Sara Blakely, founder of Spanx. The finalists were also judged by members of the live audience, who were encouraged to text in their votes for the $5000 People's Choice Award.

First place went to the Slide Capo, which won $15,000 in cash and a free US patent filing worth approximately $20,000. Invented by Daniel Chaney, a fourth-year ID major, the Slide Capo is an innovative musical device that combines the idea of a guitar slide and a guitar capo.

"It's just so easy to incorporate this device into your music and to use it to come up with techniques and sounds that you can't do with traditional tools," Chaney said. "The Slide Capo gives guitarists a new level of flexibility, and that gives them the ability to play faster and smoother. They take those abilities and run with them however they want."

The Slide Capo began as a simple merging of two existing musical accessories for the guitar, but it wasn't until after its creation that Chaney realized exactly how many options his device provided.

"It's poised to redefine what you can do with a guitar," Chaney said. "That's the Slide Capo: more flexibility than you've ever had to be more creative than you've ever been."

Second place went to the Magnetic Assisted Intubation Device (MAID), which won a cash prize of $10,000 and a free patent filing. The MAID was designed by Alexander Cooper, Shawna Hagen, William Thompson and Elizabeth Flanagan, all BMED majors. Using magnets, their invention offers a safer, more reliable way of placing breathing tubes into patients' tracheas.

"When we started testing it, we were immediately shocked to see how well it worked," Cooper said. "We were used to seeing intubation procedures with tubes flying everywhere and metal in people's mouths. We just slid this through with the magnet in place, and it worked."

Current physicians acknowledge that magnetically assisted intubation could fundamentally change a medical procedure that hasn't changed in over 40 years.

"When I first saw the device that the students had developed, I was blown away," said Dr. Bryan Morse, general surgeon at Grady General Hospital. "It's probably going to change the way we look at intubation in the next five to 10 years."

The $5000 People's Choice Award went to the AutoRhexis, an instrument intended to improve cataract surgery. It was designed by a team of both BMED and ME majors: Christopher Giardina, Rebeca Bowden, Jorge Baro, Kanitha Kim, Khaled Kashlan and Shane Saunders.

This year's InVenture competition began in Jan., when more than a hundred teams registered to compete for the prize. After a three-month period of preliminary rounds and presentations, seven teams qualified for the finals. Other finalists included the Proximer, a device that detects plastics in the body; AdsCreated, a computer program that generates online advertisements; Waste to Watts, an apparatus that captures and stores waste energy and the Velociryder, a two-wheeled, self-balancing skateboard,

Both winners and finalists discussed their plans for the future.

"We've contacted ophthalmologists across the country who are really excited about using this device," said AutoRhexis-designer Giardina. "We're talking about a $500 million annual market. We're at a point in our project where we have the prototype, and all we need is the money to give it to the ophthalmologists. We can make this a reality."

"We've spoken to people at one of the largest biomedical companies about getting this to market. We've already talked to investors about how to start raising capital to make this real," said MAID-designer Cooper. "So we've got our map. We've got our foundation. We're ready to start saving lives."

Previous winners have gone on to form their own startups or license their patents. Last year's winnner, Patrick Whaley, formed his own startup company, Titin Tech, which sells athletic training clothes that can be used to enhance workouts or assist those in the process of recovering from injuries or in physical therapy. The product, called Omega Wear, was launched last month, and orders are scheduled for delivery to customers in May.

Photo by Victor Lee / *Student Publications*

Judges look on as contestants showcase their inventions. The winner of this year's competition, the Slide Capo, is designed to give musicians more flexibility and won the grand prize of about $15,000.

Photo by Victor Lee / *Student Publications*

Miles O'Brien, host of the GPB broadcast of the InVenture prize, readies to announce the overall winners of this year's competition.

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REAL ESTATE

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OFF CAMPUS HOUSING Perfect for a group of four! 4BR/ 3 full bath, includes W/ D, appliances, central AC, private off street parking. Large rooms and very nice! $1850 per month. Available May and Aug 2011. Two miles from GT, near Howell Mill Kroger - Verner ST NW. Safe neighborhood! Also a 3BR/2B home available. $1450 Call 678-296-9685 or email GThousing@ yahoo.c

REAL ESTATE

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of current tuition levels to those students who achieve a 3.0 GPA in high school and keep that GPA throughout college. Those students who enter college with a 3.7 GPA and a 1200 SAT score will receive 100 percent of tuition through the Zell Miller Scholarship program as long as they maintain a 3.3 GPA in college. Mandatory fees and books will not be covered for any student.

"The state Senate today gave a gift to future generations of Georgia's outstanding students by preserving the promise of the HOPE scholarship," Deal said in a press release. Deal proposed this plan for altering HOPE on Feb. 22 and is expected to sign the bill by the beginning of next week.

Senate Democrats proposed a series of amendments during the floor debate, all of which were defeated on party-line votes. Sen. Jason Carter (D-Decatur) proposed an amendment which would have exempted current high school seniors and college students from the changes to HOPE, a so-called "grandfather clause."

"I believe we owe it to the current students who came into college with the promise of HOPE, who have worked hard, who have attained, who have upheld their end of the bargain, and now we are going to tell them that the state of Georgia is not going to uphold its end of the bargain," Carter said during debate.

Carter claimed that there was plenty of money in the Georgia Lottery Corporation account, which pays for the scholarship, to include all current students. He also took issue with the $180 million Deal has claimed a grandfather clause would cost. He said that the Board of Regents projected it would cost only $58 million.

John Millsaps, a spokesman for the Regents, clarified that number, saying that it only included the costs for grandfathering in University System of Georgia students and did not include payouts to students attending technical colleges or private universities.

"It's not fair to say we're not grandfathering anybody in," Butterworth said, referring to the approximately 12,000 students currently on the Fixed for Four program who would not see scholarship payouts decrease. Those on Fixed for Four—current third- and fourth-years—pay an amount that is less than 90 percent of current tuition and will have full tuition covered even if they have a GPA less than 3.3 and do not qualify for the Zell Miller Scholarship.

Butterworth, in statements paralleling those made during the floor debate in response to Carter's proposal, hesitated to dip into lottery reserves more than necessary. "You're playing with fire when you start spending away what you don't have," he said.

He also acknowledged that the lack of a grandfather clause was harsh.

"Welcome to the real world. Government can't fix everything," Butterworth said, pointing out that receiving 90 percent of tuition to attend Tech is a good deal.

"Overall, I think the bill is primarily in favor of Tech students," said Elle Creel, Director of External Affairs for SGA. "It's unfortunate that a grandfather clause was not included," she continued, although she did acknowledge that students on Fixed for Four receive full tuition.

SGA made including a grandfather clause a priority in their efforts to change the legislation, highlighting it in several social media posts by Undergraduate Student Body President Corey Boone and in statements to the Undergraduate House of Representatives. Last month, Boone gave a speech at the House subcommittee meeting regarding the future of the scholarship in the state. Creel said that SGA had not engaged with the Democrats throughout the process, although the members of SGA had sent emails to Democrats.

Democrats also proposed an amendment which would have placed an income cap on the scholarship, limiting scholarship recipients to those whose families made less than $140,000. This measure, Democrats claimed, would save the scholarship for 94 percent of Georgians. They said that the Republicans' plan would unfairly discriminate against African-American students with the use of an SAT requirement for the Zell Miller Scholarship.

Republicans claimed that this was not an accurate measure of the means to pay for tuition.

"$140,000 a year isn't what it used to be," Butterworth said.

Several students from Georgia colleges attended the debate in opposition to the bill. At several times, students stood up and began yelling down into the well of the Senate chamber. Capitol police immediately removed the students from the room. As they were escorted out, the students chanted "Kill the bill!" According to reports on **WSBTV.com** at least one student was arrested.

Students from Georgia State, UGA and other state institutions took part in a protest at the Capitol building last week to argue against deeper cuts and push for the inclusion of a grandfather clause to the bill. Ultimately these efforts were not enough to garner support for the amendment.

The actions of the students, along with the actions of other student protesters, were not well-received by Senate members.

"I think that reflects extremely poorly on those individuals...and on the student body itself," Butterworth said. "I have no respect for those who don't respect the decorum of a government body."

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us in an ideal situation, but the SCPC is working with our collaborators in order find alternative funding to ensure this event takes place."

In the Senate, CS Sen. Daniel Connelly was the only Senator who openly advocated fully funding the bill.

"JFC policy is a good starting point for determining reasonable funding, but it isn't the Senate's job to show up, amend per JFC and go home. We are responsible for properly allocating the Student Activity Fee and hosting a high-profile and popular speaker like Bill Nye for the entire student body is exactly the sort of event that we should be supporting," Connelly said in an email.

Runge was one of the Senators pushing for a cut. "This bill violated policy, and I feel it was appropriate to amend it per policy for two reasons: (1) this represented an excessive subsidy per ticket, and (2) because this is one of the rare organizations that can get the money elsewhere if need be— in this case, by increasing ticket prices," Runge said in an email.

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a sustainability fee referendum could occur in April, provided that SGA approve the request.

The committee is continuing to try to find a way to create a sustainability fund. In order to get a separate fee, UHR, GSS and Mandatory Student Fee Advisory Committee (MSFAC) will all have to approve its institution.

During the meeting of the Graduate Student Senate on March 1, representatives voiced opinions strongly against the institution of this fee. As a result, the proposal to hold a referendum regarding the green fee is currently on hold. Example projects that will be conducted include increasing recycling in buildings across campus, installing low-flow faucets and toilets and installing LED lighting. Disposable containers will also be replaced with reusable or compostable ones.

"A lot of students are very receptive to the idea, supporting the importance of sustainability on campus. Most reservations arise because of the recent massive increases in student fees," Leon said.

Photo by Ben Keyserling / *Student Publications*

The proposed sustainability fee would be used to fund small projects on a campus level such as increasing recycling stations.