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THE WHISTLE

FACULTY/STAFF NEWSPAPER

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THE GEORGIA INSTITUTE OF TECHNOLOGY

New parking director to oversee broad changes to campus system

Michael Hagearty
Institute Communications
and Public Affairs

Georgia Tech has filled a key position as construction workers begin to put the finishing touches on Technology Square with its 1,550-car parking deck and the new "Tech Trolley" to move students and employees across the connector. Capping a nine-month search, Robert Furniss has accepted the position as director of Parking and Transportation. He will assume his duties May 7.

Furniss's qualifications make him uniquely suited to the position. Prior to coming to Tech, he served as the

director responsible for parking and transportation at the University of Pennsylvania, an urban campus in Philadelphia serving a faculty, staff and student population of more than 60,000. According to Bob Thompson, senior vice president of Administration and Finance, it was precisely that kind of experience that tipped the scales.

"We have many unique challenges when it comes to parking and transportation at Georgia Tech," Thompson said. "Bringing in someone who has already dealt with all of these issues on a similar campus and urban setting gives us enormous

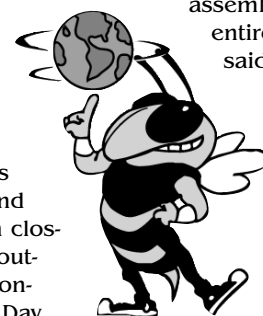
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Old shoes have new life through Earth Day recycling program

Michael Hagearty
Institute Communications
and Public Affairs

Cindy Jackson is looking for shoes, and yours will do just fine.

The manager of the Office of Solid Waste Management & Recycling is betting that most faculty and staff have athletic shoes in closets and garages that have outlived their usefulness. In conjunction with Tech's Earth Day celebration on April 25, she is going to turn those shoes into a new athletic surface.



To Jackson, it's the perfect example of sustainability. "Imagine a program where once a product's life cycle is complete, it is collected, disassembled and used to make an entirely different product," she said. "Well, it can be done with your old athletic shoes."

Here's how it works: through a deal with Nike, Georgia Tech is able to receive a new athletic surface through its Reuse-A-Shoe program. Nike takes the shoes — something that might otherwise end up in a landfill — grind them

Shoes continued, page 2

The price of freedom: course questions long-term impact of the USA Patriot Act

Asking 'should security come at the expense of civil liberties?'

Elizabeth Campell
Institute Communications
and Public Affairs

It's rare — some might even say newsworthy — when conservatives and liberals agree on any issue. Yet politicians and citizens on both sides of the political spectrum are finding it difficult to open a debate when it comes to the USA Patriot Act, a bill approved by the federal government broadening the power of law enforcement and intelligence at the expense of the privacy of its citizens.

Those opposed claim such legislation undermines civil liberties, creating a country that is actually less free. Former Congressman Bob Barr, known for his conservative stance, visited campus last week to share his knowledge and opinions about the Patriot Act in a forum with public policy students in the Constitutional Issues course.

In the wake of 9/11 attacks, the U.S. Congress passed the USA Patriot Act — known as Uniting and



In speaking with students in a course on constitutional issues, former U.S. Rep. Bob Barr, above, called the Patriot Act "a profoundly important piece of legislation that far too few of our citizens know anything about ... affecting not only our relationship with our government ... but also the way individuals interact with each other."

Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism — thereby expanding a number of surveillance powers covering wire taps, bank transactions and library books. It's part of a program called "Total Information Awareness," and while its stated mission is to prevent acts of terror, many cite the potential for abuse as an instance of art imitating life.

In light of recent privacy issues and expanded governmental powers, Barr recommended reading or re-reading George Orwell's classic book "1984," from where the term "Big Brother" originated.

"It's extremely troubling and, indeed, frightening, and I don't think that we can overemphasize the analogies in '1984' and the 'macro' direction we seem to be going," he said.

Most of the students expressed their concerns about the Act being overly broad, not sufficiently defining what constitutes "terrorist acts," and that the new measures did not appropriately balance individual rights with security interests.

Others defended the government's position, saying the United States is in a state of war and that terrorists must not be allowed to take advantage of the American free market or

its open society.

Barr was appreciative of the students' efforts, saying, "Far too few of our fellow citizens and visitors to this country know anything whatsoever about the consequences of not only the Patriot Act, but also the entire process we're involved in when we consider and pass legislation like this."

Barr also explained that even though the Act was passed in reaction to 9/11, he recognized almost every part of the original version as having been proposed — and defeated — before, primarily after the 1995 Oklahoma City bombing.

For more information...

USA Patriot Act:
www.epic.org/privacy/terrorism/hr3162.html

American Civil Liberties Union:
www.aclu.org

American Conservative Union:
www.conservative.org

Electronic Frontier Foundation:
www.eff.org

“QUOTE— UNQUOTE”

“There was a culture there of spending money like water. It used to be that money wasn’t a reason that things couldn’t get done.”

—Aaron Bobick, director of Tech’s Graphics, Visualization and Usability Center, on the reputation of the M.I.T. Media Lab for attracting corporate sponsorship.
(New York Times)

“Significant gender differences favoring women were found for most areas of health knowledge, especially reproduction and early life.”

—Margaret Beier, a graduate research assistant in the School of Psychology, in a recently published study assessing the difference in health knowledge between genders.
(Women’s Health Weekly)



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Faculty/Staff SPOTLIGHT

Billiee Pendleton-Parker

This week’s spotlight shines on Billiee Pendleton-Parker, assistant director of the Center for the Enhancement of Teaching and Learning (CETL). She was given the Atlanta Hawks Home Team Hero Award on March 29. The award, sponsored by Amtrak, recognizes outstanding individuals who through their commitment and humanitarian spirit have made exceptional and lasting contributions to their community. These individuals exemplify leadership, dedication and a commitment to improving the communities in which they live.

In her spare time, Billiee volunteers for Hands on Atlanta and other volunteer organizations. She said she has been an active volunteer since she collected pennies for UNICEF at age 6, getting involved in projects such as the Atlanta Community Food Bank, serving on the Board of Directors of the NAMES Project/AIDS Quilt and conducting a census of Atlanta’s homeless population.

In October 2002, she was the volunteer chair for Hands on Atlanta Day, in which she oversaw more than 15,000 volunteers. It was her history of commitment to serving her community that prompted the Hawks and Amtrak to give her their Home Team Hero Award, but we learned she’s also fond of horror movies.



Age: I just started on my second half-century. I’m 51, and proud of it.

Job description: I coordinate faculty development programs. I bring in exemplary faculty and administrators to talk with the untenured and tenured faculty who are in CETL’s Teaching Fellows programs so that they can get a broad perspective of Tech’s educational issues. I do a series of seminars to talk about the various aspects of teaching and learning. I always bring a panel of students so the faculty can hear their experience in the classroom.

I’m also the coordinator of the online course evaluations, which CETL processes.

What I find most rewarding: These wonderful Tech students are our future. They are staggeringly bright and talented. What makes me jump out of bed in the morning is knowing that I’m going to interact with them.

Years at Tech: 15

Education: a bachelor’s degree in English and a master’s in education from Western Carolina University. I’ve also taken courses in Advanced Studies in Educational Administration and Leadership at the University of Tennessee in Knoxville.

I’m a teacher at heart. I’ve taught everyone from preschool age to college professors.

Hobbies: Volunteering and getting Tech students to learn the joys of helping others in their community. I consider them my “works in progress,” or WIPS, as some like to call them. Even if they’re here for just four years, this is their community and hopefully when they move on they’ll take some of this with them and spread the word to others. I’m a big believer in networking and reaching out. But I never ask the students to do something I’m wouldn’t do. I’m either right there with them, or have done so in the past.

Favorite book: I’m a former English teacher, so I’ve had my share of reading, but now, I’d rather be out there doing something than reading about it.

Favorite movie: “It’s a Wonderful Life” with Jimmy Stewart, because it is a wonderful life. More recent favorites include “Contact” with Jodie Foster and “The Messenger” about Joan of Arc. The women in those movies have passion, focus and commitment beyond belief.

Favorite horror movie: Most recently, I’d have to say “One Hour Photo,” the one where Robin Williams plays a creepy photomat worker who becomes obsessed with a family that frequents his shop.

The CD in my stereo: Uh-oh, you caught me, I’ve got Celine Dion’s “Falling into You” and the soundtrack from “Shrek.”

Recent volunteer projects: I just participated as the judge coordinator for the FIRST robotics competition for high school students. I served as project coordinator in March with Hands On Atlanta’s Technology Service Day and brought middle-school students to Tech to see technology demonstrations in four areas across campus, including the Aware Home and “living tissues” in Biomedical Engineering. As always, I “used” a cadre of Tech students as volunteers; this was the perfect way for them to also serve as apt Tech ambassadors/recruiters.

I also participated last month in the first homeless census in the Atlanta area. We started out at 4:30 in the morning and drove around counting the homeless. We had some homeless people with us who trained us on how to spot people who are likely homeless and where to go to find them. This is really important because they are so underserved, and we have to have an accurate count to understand how many and what kind of services would be helpful to them.

Shoes, cont’d from page 1

up and turn them into soccer fields, basketball courts or running tracks.

The cost? Five thousand pairs of athletic shoes.

“No, they don’t need to be made by Nike,” Jackson said. “We’ll take shoes of any kind, so long as they are for sports. It’s a great way to help Georgia Tech and get your old shoes back in the game.”

There will be a collection container at this year’s Earth Day celebration, held on April 25 along the Skiles Walkway and Georgia Tech



In support of this year’s theme — “Building a Better Future” — Georgia Tech’s 2003 Earth Day celebrations will be held on Friday April 25 from 10 a.m. to 2 p.m. on the Skiles Walkway and the Georgia Tech Plaza.

Plaza. After that, shoes may be brought to the Office of Solid Waste Management and Recycling, located off Atlantic Drive, until May 9 between the hours of 8 a.m. – 4 p.m.

For more information...

Office of Solid Waste Management and Recycling:
www.recycle.gatech.edu
894-2004

IN BRIEF:

Students to honor faculty and staff

Thursday, April 17, will mark the inaugural of "Up With the White and Gold, a Night to Honor Georgia Tech's Finest," a prestigious awards night beginning at 6:30 p.m. in the First Center for the Arts. The Georgia Tech Ambassadors, Omicron Delta Kappa, Student Foundation, and Presidents' Council Governing Board will be presenting honors to exemplary faculty and staff, along with awards for students and organizations. By combining the efforts and resources of several organizations to plan the awards night, this event unites Georgia Tech's community, encourages student leadership and provides organizations with the ability to showcase a variety of awards that might otherwise go unnoticed. Up With the White and Gold is open to the entire campus, so come celebrate the outstanding achievements of Tech's students, faculty and staff.

Ammar named Regents' Professor

College of Computing Professor Mostafa Ammar has been named Regents' Professor, effective July 1. A committee of Regents' and chaired professors recommended him for this honor, and their recommendation has been confirmed by Provost Jean-Lou Chameau.

Tech is allowed to nominate up to two individuals per year for appointment as Regents' Professors. Those considered already hold the distinction of professor and are nominated by their colleges based on excellence in research and teaching and contributions to their profession and to Tech over a period of time. A committee made up of Regents' Professors and other chaired professors representing the six colleges considers the nominations and makes a recommendation to the provost.

Ammar joined the College of Computing in September 1985 (then the School of Information and Computer Science) as an assistant professor. He is a member of the College's Networking and Telecommunications Group and is also a faculty member of the Georgia Tech Information Security Center. His research is in the area of computer network architectures, protocols and services with specific interests and contributions in multimedia and multicast communication, scalable content distribution services, large-scale network simulation and peer-to-peer networks.

Reflecting on SAC

The employees of the Campus Recreation Center are making an open call to the poet stirring within each of us by asking members of the Tech community to submit a reflection on "What SAC Means To You," to be reviewed by a panel of Campus Recreation employees. The selected entry will be displayed on the Memory Wall of the new Campus Recreation Center, opening in September 2004.

Entries must meet the following conditions:

- Describe your feelings about how SAC has impacted the GT community or you personally;
- Fewer than 50 words in length;
- Include name, e-mail, and phone number for contact purposes;
- List major/graduation date, campus department or affiliation; and
- Submit entries to the Web site www.campusrecreation.gatech.edu, or through the door slot of SAC Room 207.

Last week's Faculty/Staff Honors Luncheon offered an opportunity to recognize not only those award winners listed below, but also the 175 members of the Tech community who marked their 10-year anniversary, and another 51 who reached the 25-year plateau. The Whistle extends its congratulations to all who were honored.

2003 STAFF TUITION REIMBURSEMENT ASSISTANCE PROGRAM (STRAP) GRADUATES

Randy Barrone, Police
Lisa D. Conley, Management
Celia Claborn Grams, Mathematics
Tina G. Prestridge, Microelectronics Research Center

DON BRATCHER HUMAN RELATIONS AWARD

Danny Ingram, systems analyst, Information Technology

ADMINISTRATIVE SERVICE AWARD

George A. Smedberg Jr., senior project director, Information Technology

SIGMA XI YOUNG FACULTY AWARDS

Dan Lizarralde, assistant professor, Earth and Atmospheric Sciences
Boris Mizaikoff, assistant professor, Chemistry and Biochemistry

SIGMA XI FACULTY BEST PAPER AWARDS

Nicholas Hud, assistant professor, Chemistry and Biochemistry
Z.L. Wang, professor, Materials Science and Engineering

SIGMA XI SUSTAINED RESEARCH AWARD

Meilin Liu, professor, Materials Science and Engineering

OUTSTANDING DOCTORAL THESIS ADVISOR

Martin A. Brooke, associate professor, Electrical and Computer Engineering

OUTSTANDING ACHIEVEMENT IN RESEARCH PROGRAM DEVELOPMENT

Meilin Liu, professor, Materials Science and Engineering

OUTSTANDING FACULTY RESEARCH AUTHOR

Weston M. Stacey, Regents' Professor, Mechanical Engineering
Laren M. Tolbert, professor, Chemistry and Biochemistry

OUTSTANDING FACULTY LEADERSHIP FOR THE DEVELOPMENT OF GRADUATE RESEARCH ASSISTANTS

Madhavan Swaminathan, professor, Electrical and Computer Engineering

ANAK AWARD

Larry Kahn, associate professor, Civil and Environmental Engineering

VICE PROVOST FOR RESEARCH SPECIAL RECOGNITION AWARD

Roger Webb, professor, Electrical and Computer Engineering

THE E. ROE STAMPS EXCELLENCE IN TEACHING AWARD

Vicki Birchfield, assistant professor, International Affairs
Paul Foster, assistant professor, Modern Languages

OUTSTANDING STAFF PERFORMANCE AWARDS

Rita Anderson, administrative manager, Earth and Atmospheric Sciences
Rachel Arnold, administrative coordinator, Biomedical Engineering
Kathy Hardwick, administrative assistant, Physics
Jacqueline Nemeth, information specialist, Electrical and Computer Engineering
James Pete, director, Buzz Card Center

W. ROANE BEARD OUTSTANDING TEACHER AWARD

Karen K. Dixon, associate professor, Civil and Environmental Engineering

W. HOWARD ECTOR OUTSTANDING TEACHER AWARD

Ali Adibi, assistant professor, Electrical and Computer Engineering

OUTSTANDING SERVICE AWARD

Said I. Abdel-Khalik, professor, Mechanical Engineering
Roosbeh Kangari, professor, Architecture

OUTSTANDING PROFESSIONAL EDUCATION AWARD

Monson H. Hayes III, professor, Electrical and Computer Engineering

OUTSTANDING INNOVATIVE USE OF EDUCATION TECHNOLOGY

James H. McClellan, professor, Electrical and Computer Engineering
Ronald W. Schafer, Regents' Professor, Electrical and Computer Engineering

OUTSTANDING INTERDISCIPLINARY ACTIVITY AWARD

William D. Hunt, professor, Electrical and Computer Engineering

DISTINGUISHED PROFESSOR AWARD

Kevin F. Brennan, professor, Electrical and Computer Engineering

Director, cont'd from page 1

confidence in his ability to manage an evolving system."

Furniss agreed with Thompson's assessment, saying, "The Georgia Tech campus is rapidly expanding — particularly the development of Technology Square. Parking and transportation are fundamental services that must provide effective, efficient and seamless accessibility between new and existing campus facilities, both for the varied disciplines and services within them and for the people who use them. For me, this is a very important and all-encompassing goal."

In addition to monitoring dozens of lots, thousands of cars and the Stinger shuttle service, Furniss will also be responsible for the new Tech Trolley, a dedicated line running between Technology Square and central campus.

Rosalind Meyers, vice president of Auxiliary Services, noted, "As far as the department has come in the past five years, it has much further to go. With five parking decks in various stages of planning, design and construction, the department will be undergoing many changes in the near future. (Furniss) understands the operational, financial and customer services challenges before us.

He has the skill and experience to meet them successfully."

The parking and transit challenges at Georgia Tech are very similar to those here at Penn," Furniss said. "But the team in Auxiliary Services under the direction of Rosalind Meyers and the style in which they work together to solve problems and tackle initiatives was the key to my decision to come down to Tech.

"There are some terrific people working in parking and transportation," he added, "and we will work together to raise the bar on service, safety and overall customer experience as we tackle the challenges ahead of us."