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THE WHISTLE

FACULTY/STAFF NEWSPAPER

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THE GEORGIA INSTITUTE OF TECHNOLOGY

Drawn-out General Assembly session nears completion

Budget shortfalls affect salaries, building construction

Lynn Durham
Government Relations

The 2002 General Assembly session was expected to be a "bare bones" session with the state budget as the highlighted legislation after Gov. Roy Barnes mandated a 5 percent cut from every state agency and department budget. Instead, redistricting, natural gas reforms and predatory lending pushed the budget out of the spotlight.

Hopes of an early adjournment so legislators could go home to campaign for re-election were dashed as Democrats stretched the 40-day session as long as possible while awaiting a federal court decision on the constitutionality of legislative and congressional district maps that had been drawn last summer. With only three legislative days left in the session, the court ruled that the state Senate map was in violation of the Voting Rights Act and that it would have to be redrawn.

Even with the last-minute commotion regarding the redrawn maps, most of the legislative business that directly affects the University System and Georgia Tech had already been decided. The Fiscal Year 2002

Amended Budget, which allows legislators to distribute additional revenues before the end of the fiscal year, was approved in March and the Fiscal Year 2003 General Budget was finally approved during the last few legislative days.

Although the state's economy continues its downturn, Gov. Barnes recommended and legislators supported an average salary increase of 3.25 percent for University System faculty and staff during the next fiscal year. The conference committee also concluded that there will be a \$2,600 cap on non-academic salary increases, which will affect employees making more than \$80,000.

Barnes had originally recommended a 3.5 percent increase, but pared

it down after revenue estimates were not as strong as predicted.

"Gov. Barnes and legislative leaders recognize how vitally important it is to keep Georgia's faculty salaries among the highest in the southeast region so we attract and retain the best teachers and researchers," said President Wayne Clough. "We are grateful for the governor's support and appreciation of our efforts to educate students who will play a positive role in the state's future."

Legislators appropriated a total of nearly \$58 million in additional formula funds in a continuing effort to offset enrollment losses throughout the University System due to

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Tech students cruise to first place in Energy Challenge competition

Larry Bowie
Institute Communications
and Public Affairs

How far do you think you'd get sailing a paper boat? A team of Georgia Tech engineering students cruised to first place – and went home with \$15,000 in cash.

Tech beat out six teams from engineering schools across the country on April 6 in a competition to see who could build the best sailboard made entirely from paper materials.

Mechanical engineering (ME) undergraduate Philip Timm, who windsurfed the sailboard to victory, was joined by fellow ME students Gonzalo Stabile and Yianni Ellis in the U.S. Department of Energy-sponsored competition, called Energy Challenge 2002.

"Our emphasis was to design a sailboard that was 100 percent recyclable and make it as environmentally sound as we could," Stabile said. "We went for simplicity and tried to minimize the use of energy in production. At first we thought our sailboard might struggle when we saw what other teams had done, but we were glad it sailed just fine."

The event is designed to challenge engineering students to design an energy-efficient structure that minimizes paper and pulp waste. The base of the vessel is made from paperboard, similar to paper grocery



Philip Timm windsurfs a paper sailboard during the Energy Challenge competition held at Lake Lanier.

bags and cardboard box. Inside the board are cardboard tubes that are usually used for mailing. Commonly used paper chemicals are used for finishing and bonding. The sail is the only part of the vessel that is not made from paper.

Overall scoring for the event was based on best paper sailboard performance during a timed race, written reports, gross weight, material composition, tensile energy absorption, stiffness and novelty of design.

Miami University of Ohio took second-place, and the University of Maine finished third.

Gary May tapped as president's new executive assistant

Michael Hagearty
Institute Communications
and Public Affairs

In baseball parlance, it wouldn't be a stretch to say that the School of Electrical and Computer Engineering (ECE) is quickly becoming a farm team for the President's Office.

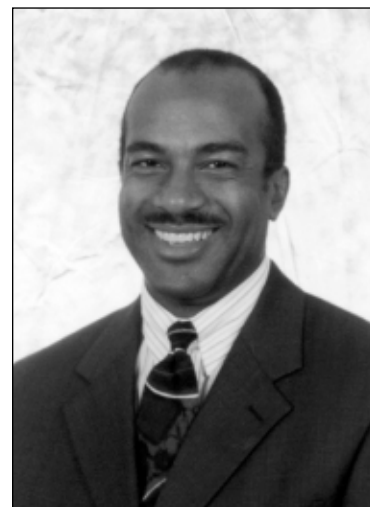
With April Brown leaving on June 1 for a position with Duke University, President Wayne Clough has named Professor Gary May to be her successor. Before Brown, it was fellow ECE Professor Mark Smith who occupied the position. The executive assistant is selected by the president from the faculty pool, typically for a period of three years.

In accepting a role he called a "significant opportunity," May completes a circle begun after earning his bachelor's degree in electrical engineering from Tech in 1985. He has been employed at Georgia Tech since earning his doctorate from the University of California at Berkeley 11 years ago.

"Gary is uniquely suited to this position, and I'm very pleased that he's agreed to accept it," Clough said. "He brings widespread respect and a real passion for higher education to the job, and he just happens to be a Georgia Tech alumnus."

"He's distinguished himself as a teacher, as a researcher, and as

someone who's been instrumental in our minority recruitment and education efforts," he said. "I look forward to working with Gary to achieve even greater things for Georgia Tech."



Gary May

In many respects, the executive assistant acts as the president's chief liaison, serving as a link to and providing feedback from the numerous constituencies on and off campus. In many instances, the executive assistant is also empowered to carry out actions on behalf of the president.

May continued, page 3

“QUOTE—
UNQUOTE”

“Obviously, because of coaches like John Thompson, George Raveling, John Chaney and Nolan Richardson, guys like Mike Davis and (Kelvin) Sampson have been given the opportunity to coach at schools like Indiana and Oklahoma. They were not hired because it was the civic-minded thing to do. They were hired because somebody felt they could win and gave them a chance.”
—Paul Hewitt, Georgia Tech men’s basketball coach, on the success of his NCAA Division I colleagues.
(Atlanta Journal-Constitution)

“What it works on now is stronger enforcement of alcohol policies on campus, such as DUI enforcement and underage drinking. But also, it’s taken a more proactive stance as far as funding and helping out with student organizations that are trying to give students another option or an alternative for weekend entertainment.”
—Chris Kavanaugh, president of undergraduate student government, on the efforts of GT SMART to curb binge drinking among its student body.
(The O’Reilly Factor, Fox News)



**Georgia
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Georgia Tech is a unit of the University System of Georgia.

Big rate hikes part of annual parking registration

Michael Hagearty
Institute Communications
and Public Affairs

The ever-increasing cost to park on Georgia Tech’s campus will hit home this week as thousands of faculty and staff log on to a Web site set up by the Office of Parking and Transportation for the purpose of renewing their permits, which will expire at the end of July.

Rod Weis, director of Parking and Transportation, said as the campus loses existing lots and scrambles to provide alternatives, the cost of repaying the debt incurred from financing new lots must ultimately trickle down to faculty and staff.

“What it boils down to is that our debt service went from \$1 million to \$4.3 million,” he said. “We’re rapidly losing surface spaces—which are cheap—and building parking garages in their place.”

By way of comparison, Weis said that given the land to build a surface lot, the construction and maintenance cost would be approximately \$2,000 per space. Building a parking deck, on the other hand, is vastly more expensive, with a single space averaging roughly \$15,000.

To put it another way, said Weis, the bottom line is that “we keep losing spaces that are paid for, and the only way to replace them is to build new decks.”

Be aware:

As more spaces free up after commencement, summer permits will also be available beginning May 6. Weis said that any individual wishing to obtain such a permit must do so by visiting the Parking and Transportation office. While there is no list to get on, it is important to note that summer permits do not count as renewals for fall registration.

Those experiencing the greatest increase are those within the P01 lot. A permit in P01 will cost \$360, up 31 percent from last year and nearly 90 percent higher than two years ago.

In fact, just two years ago there were five price categories. This year, there are two: \$475 and \$360. In two more years, the cost for a permit will be \$500 across the board.

“I think people need to understand that (campus parking) is

operated as a system,” Weis said. Rather than price each lot based upon its total cost, cheaper lots help to subsidize the more expensive ones, in order to “pay back the bonds that we borrow to build facilities.”

“The irony,” he said, “is that is still less expensive to purchase a parking permit than a MARTA pass.” With the mass transit system’s continued budget problems, one of the casualties was the University Pass Program, which reduced the discount afforded to students and employees in higher education.

The online system designed at Tech opens on April 15 and will continue to operate through June 30. This is two weeks longer than last year, due to the efficiency of the system and to accommodate as many new employees as possible. This year, the system also allows an individual to double their lot request—from three to six—as well as a probability chart for a requested lot.

For more information...

Parking permits:
www.applyparking.gatech.edu

Annual Take Our Daughters to Work Day on Apr. 25

In its sixth year, Georgia Tech’s Take Our Daughters to Work Day program will offer young women the opportunity to visit their parent on the job and learn about the many academic and professional opportunities available to them.

On April 25, this year’s program will offer structured activities throughout most of the day, leaving some time for participants to visit their parent’s workplace in the afternoon. There will be interactive tours of the Georgia Tech Cable Network, as well as labs within mechanical engineering and biology. The day also includes lunch and conversa-

tion with women mentors from a variety of professional fields represented at Tech.

Yvette Upton, coordinator of the Women’s Resource Center and chair of this year’s committee, said, “We offer a unique opportunity for the Take Our Daughters to Work Day program because we can provide access to many fields that are still traditionally male.”

Wendy Anderson, a chemical engineering major who has served on the Take Our Daughters to Work committee for three years, said this is an invaluable opportunity for young women. “My dad took me to

work as a child, and it was exciting to see some of the many possibilities that exist. I want to make sure other girls get that same experience.”

To register, contact Betsy Kidwell at 385-1127. The deadline is April 17.

For more information...

Questions:
Call 385-1563 or e-mail yvette.upton@vpss.gatech.edu

Take Our Daughters to Work Day:
www.takeourdaughtersstowork.org

Assembly, cont’d from page 1

semester conversion. Another essential appropriation for the System and its employees was \$19.3 million to offset health insurance rate increases.

The Georgia Research Alliance and the Yamacraw Mission, both economic development efforts in which Tech plays an integral part, continued to be lauded and financially supported by the governor and General Assembly members. An economic development program based at Tech, the Advanced Wood Products Laboratory, will receive \$75,000 to help in its effort to teach personnel from Georgia’s forestry companies to develop higher-end wood products such as high-grade millwork and furniture.

Regarding funds coming directly to Tech, legislators appropriated \$31.8 million for construction of the Advanced Computing Technology Building, \$2 million for the renovation of the Coon Building, and \$425,000 to finish construction of the Food Processing and Technology Building, located in the North Avenue Research Area.

And the Georgia Tech Regional Engineering Program (GTREP), which had been in danger of losing \$475,000 from its \$3 million operating budget, ultimately was cut by only \$225,000. That decrease was in line with the percentages eliminated from other state programs.

Andrew Harris, Georgia Tech’s director of Government Relations, said of the session, “Georgia Tech is very fortunate to have strong support among lawmakers and other

decision makers who value the unique mission of the Institute. We are also fortunate to have active alumni, faculty and students who help generate this support by interacting with our state decision makers. Tech is well represented to legislators through our alumni advocacy network and faculty and administrators who visit the Capitol during the session to talk to legislators and personally thank them for their support.”

As this edition of the Whistle goes to press, the General Assembly had not adjourned “sine die” and there were a few other pieces of legislation that could affect University System employees that had not received a final vote. If any other relevant legislation is approved in the last days of the session, it will be reported in next week’s issue.

May, cont'd from page 1

Brown, who will be chair of the Department of Electrical and Computer Engineering at Duke University's Pratt School of Engineering, said, "I have worked with Gary for a number of years in ECE and will continue to do so. He is an excellent researcher and faculty leader on campus. I know that Georgia Tech will benefit from his enthusiasm and love of the campus as he takes on this new role."

May currently serves as the associate chair of faculty development in ECE, and also chairs the School's technical interest group in microsystems. While he said he would have to relinquish his administrative position in ECE, he plans to continue his research – albeit in a more limited capacity – as well as his commitment to the 10 Ph.D. students who currently work under him. "It will be more of a challenge doing the balancing act," May admitted. He said his students "were all a little

apprehensive when they heard the news, but I've assured them I still plan to see them through to their graduation. "I am grateful for the opportunity to work with and learn from Wayne Clough," he added. "I am also pleased to be working as a part of a (President's) Cabinet consisting of many people I admire and respect. I am looking forward to adding my own talents to this mix and contributing to Georgia Tech's ongoing excellence and growth."

IN BRIEF:

Bursar's Office goes online

The current process of mailing a paper bill to each student three to four weeks prior to the start of each term will be replaced by a web invoice statement beginning with the fall 2002 semester. The Bursar's Office has created an electronic invoice statement that will be accessed from Oscar Web. The web invoice is intended to facilitate on-line payment options for credit cards, currently used by 35 percent of students to pay tuition and fees. The Bursar's Office has been working with representatives from Auxiliary Services, Student Services, Enrollment Services and the Graduate Studies Division to develop the new Student Web Invoice Statement and all the necessary components. It is expected that the new student invoice will be available in July 2002 for the fall semester. For more information, refer to www.bursar.gatech.edu.

Keep your head in the game

How many times do you read a green, line up to make a putt, then back off for a second look? Or, how often do you get set to shoot a free throw, but hesitate and take two more dribbles instead? Ever step out of the batter's box and re-start your routine? Whatever your sport, indecisiveness results in hesitation, and hesitation leads to lost points and missed opportunities for winning, according to the editors of the April 2002 Georgia Tech Sports Medicine & Performance Newsletter. To get your game back, you must stop second-guessing the next step. "Hesitation due to indecision will interfere with muscular coordination and control, resulting in a less-than-satisfactory putt, shot, or pitch," warns Evan Brody, a sports psychologist in Olney, Maryland. "Not being decisive comes mostly from lack of confidence, and lack of confidence comes from not playing well lately. The goal is to have the confidence of conviction about what you are set to do."

For more information, contact Jim Brown, executive editor, at 770-682-1670.

Summer program for future architects

Ever wonder if you've got what it takes to be an architect? The faculty and staff in the College of Architecture will help interested students and professionals find out this summer with their Career Discovery Program, set for June 10-28. Participants will spend an intensive three weeks at Tech, where faculty members in the College— plus professional architects from the Atlanta area — will introduce them to the history and practice of architecture. It is open to rising high school juniors and seniors, but college students and other adults contemplating a career in architecture also may participate. In the afternoons, participants will spend time in the College of Architecture's design studio, where they will practice drawing techniques, learn the principles of design and build models. Students also will take field trips to the High and Carlos Museums, to a local architectural firm and to construction sites. The deadline for application is May 1, and must include a letter of recommendation from a teacher, professor or employer; a one-page essay about the applicant's interest in architecture; and a \$100 refundable deposit. For more information, refer to www.arch.gatech.edu/programs/conted/courses/CD2002.html.



Think green! Earth Day is Friday, April 19!

Last week's Faculty/Staff Honors Luncheon offered an opportunity to recognize not only those award winners listed below, but also the 167 members of the Tech community who marked their 10-year anniversary, and another 41 who reached the 25-year plateau. The Whistle extends its congratulations to all who were honored.

2002 STAFF TUITION REIMBURSEMENT ASSISTANCE PROGRAM (STRAP) GRADUATES
Evenita Frazier, Management
Gail Greene, Management
Pleshette Holland, Athletic Association
B'Randi Marshall, Information Technology

DON BRATCHER HUMAN RELATIONS AWARD
Richard Catrambone, associate professor, Psychology

ADMINISTRATIVE SERVICE AWARD
Janice Rogers, director of administration, Georgia Tech Research Institute

YOUNG FACULTY AWARDS
Amy Bruckman, assistant professor, Computing
James Gaherty, assistant professor, Earth and Atmospheric Sciences

FACULTY BEST PAPER AWARDS
Yury Chernoff, associate professor, Biology
Leonid Germanovich, professor, Civil and Environmental Engineering, and **Robert Lowell**, professor, Earth and Atmospheric Sciences

SUSTAINED RESEARCH AWARD
Douglas Davis, professor, Earth and Atmospheric Sciences

OUTSTANDING DOCTORAL THESIS ADVISOR
Russell Mersereau, professor, Electrical and Computer Engineering

OUTSTANDING ACHIEVEMENT IN RESEARCH PROGRAM DEVELOPMENT
Michael Chapman, assistant professor, Physics

OUTSTANDING FACULTY RESEARCH AUTHOR
Mostafa El-Sayed, Julius Brown and Regents' Professor, Chemistry and Biochemistry

OUTSTANDING FACULTY LEADERSHIP FOR THE DEVELOPMENT OF GRADUATE RESEARCH ASSISTANTS
Thomas Kurfess, professor, Mechanical Engineering

VICE PROVOST FOR RESEARCH SPECIAL RECOGNITION AWARD FOR GRADUATE EDUCATION AND RESEARCH SCHOLARSHIP
Kevin Brennan, professor, Electrical and Computer Engineering

ANAK AWARD
Rena Brakebill, instructor, Mathematics

THE E. ROE STAMPS EXCELLENCE IN TEACHING AWARD
Kirk Bowman, assistant professor, International Affairs
Paul Young, assistant professor, Literature, Communication and Culture

OUTSTANDING STAFF PERFORMANCE AWARDS
Laura Cederquist, financial manager, Earth and Atmospheric Sciences
LaJauna Guillory, program manager, Electrical and Computer Engineering
Liz McCarty, administrative manager, Biology
Ashley Notabartolo, program coordinator, Sciences
Kristy Wentz, administrative manager, Health and Performance Sciences

CETL/BP JUNIOR FACULTY TEACHING EXCELLENCE AWARD
Andrés García, assistant professor, Mechanical Engineering
William Singhose, assistant professor, Mechanical Engineering

CLASS OF 1940 W. ROANE BEARD OUTSTANDING TEACHER AWARD
Barbara Blackburn-Jansma, associate professor, Modern Languages

CLASS OF 1940 W. HOWARD ECTOR OUTSTANDING TEACHER AWARD
Katherine Seley, assistant professor, Chemistry and Biochemistry

OUTSTANDING SERVICE AWARD
Richard Duke, academic director, Mathematics
Edward Thomas, professor, Physics

OUTSTANDING CONTINUING EDUCATION AWARD
Sakis Meliopolous, professor, Electrical and Computer Engineering

CLASS OF 1934 OUTSTANDING INNOVATIVE USE OF EDUCATION TECHNOLOGY
TyAnna Herrington, assistant professor, Literature, Communication and Culture

CLASS OF 1934 OUTSTANDING INTERDISCIPLINARY ACTIVITY AWARD
Charles Ume, professor, Mechanical Engineering

CLASS OF 1934 DISTINGUISHED PROFESSOR AWARD
Jay Bolter, professor, Literature, Communication and Culture