

Inside:

Copyright infringement . . . 2

Federal funding cuts 3

In Brief 3

Campus Events 4

THE WHISTLE

FACULTY/STAFF NEWSPAPER

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THE GEORGIA INSTITUTE OF TECHNOLOGY

Preparations begin on new computing facility



With a notice to proceed from the state, general contractors WG Yates now have permission to take control of the location for the new Klaus Advanced Computing Building, above.

Located at Ferst Drive between Cherry and Plum streets, the project has a construction timeline of 24 months. Initial activity will include the removal of the existing utility fence, replaced with a new fence line encompassing the construction site.

Upon its completion, the building will have 210,000 square feet of space, including a 200-seat auditorium and an integrated parking structure for 540 vehicles.

Named for Christopher Klaus, the founder and chief technology officer of Internet Security Systems who donated the project's initial \$15 million, the building is designed to enhance further collaboration between the College of Computing and the School of Electrical and Computer Engineering.

Foreign policy examined during lecture

*Elizabeth Campell
Institute Communications
and Public Affairs*

At a recent Southeast Roundtable on Defense (SEROD) lecture, John Kelly, ambassador-in-residence in the School of International Affairs, provided an insider's point of view on the timely topic of "U.S. Foreign Policy in the 21st Century: Unilateralism vs. Multilateralism in International Relations."

Kelly, a career diplomat with 30 years of public service including stints as former assistant secretary of state for the Near East and South Asia, spoke as someone who has known 10 secretaries of state and seven presidents, sharing anecdotes as he compared and contrasted the policies of past administrations with the current Bush administration.

He led with a particularly striking story he heard from a former national security adviser about the Cuban Missile Crisis. In 1962, President John Kennedy sent Secretary of State Dean Acheson to Paris to brief President Charles de Gaulle. After making his points, Acheson offered to show photographic evidence confirming the existence of missiles with nuclear weapons in Cuba. De Gaulle replied it was not necessary — the word of an American president was sufficient.

"I'm not sure given the intelligence confusion that we've had in the past year, that that kind of reaction would be found in all of the chancellories around the world," he said.

In outlining the major elements of U.S. foreign policy, Kelly said that while the general consensus is that the United States must defend itself and its allies, opinions differ when talking about how or whether it should utilize its strengths to promote economic development, human rights, or reform societies and spread democracy.

Kelly reviewed the controversial elements of the current National Security Strategy, a document that

Policy continued, page 3

Alumni gift to establish new multidisciplinary center

*Marla Edwards
Institute Communications
and Public Affairs*

Michael Tennenbaum has always been a stalwart supporter of Georgia Tech. Recently, he pledged \$5 million for a new multidisciplinary initiative believed to be the only one of its kind in the world.

The Tennenbaum Institute for Enterprise Transformation will focus a broad range of intellectual resources on designing business practices and shaping organizational cultures to leverage technological

inventions and market innovations for sustained economic growth.

Existing enterprises will be its focus. At its core, the Tennenbaum Institute is expected to help both the public and private sector adapt to constant change in technology and the marketplace.

For example, in recent years the banking and retail industries have been transformed by Web-based processes supporting both integrated supply chains and customer relationship management. In the public sector, enterprise transformation is a priority initiative of the U.S. Defense Department.

An emerging research area, enterprise transformation focuses on both strategic and operational aspects of formulating and executing change within private and public sector enterprises. In many cases, information technology is a key enabler. However, issues associated with people and organizations are central to success. In addition, issues of public policy and economics often must also be addressed to understand and assure success.

The School of Industrial and Systems Engineering will serve as the

Gift continued, page 2



Spring meeting of the General Faculty and of the General Faculty Assembly

Tuesday, Feb. 24, Student Center Theater, 3 - 5 p.m.

Agenda posted on the faculty governance Web site: www.facultysenate.gatech.edu

For more information, e-mail said.abdelkhalik@me.gatech.edu.

“QUOTE— UNQUOTE”

“The entire field of nanoelectronics depends upon the ability to mass produce cost-effective components, and she has opened the door to this.”

—William Rees, a professor in the School of Materials Science and Engineering and director of the Molecular Design Institute, commenting on the work of MIT professor Angela Belcher, who recently published a paper demonstrating that by altering the DNA of a particular virus, they were able to generate a variety of tiny wires made of magnetic and semiconducting materials.

(New York Times)

“We can’t lose sight of the fact that we came close to an all-out breakdown of investor trust in financial statements and the integrity of the financial-reporting process.”

—DuPree College of Management Professor Charles Mulford, on companies that argue that new accounting rules are hurting profitability.

(United Press International)

OIT reminds campus of copyright infringement policies

Michael Hagearty
Institute Communications
and Public Affairs

As the Recording Industry Association of America launches a new wave of lawsuits targeting individuals suspected of widespread copyright infringement, the Office of Information Technology (OIT) is reminding the campus of Institute policies concerning such material.

In a memorandum circulated earlier this month to many of Tech’s senior administration, John Mullin, associate vice provost and chief information officer of OIT, noted that while his office does not actively monitor computer usage, that should not indicate this is an issue taken lightly.

“Individuals who illegally download or serve copyrighted material to

others do so in violation of campus policy and risk their professional or academic careers,” he wrote. “Additionally, inappropriate behavior of this type may pose financial risk to the Institute or damage its reputation.”

“Users are prohibited from using, inspecting, copying, storing and redistributing copyrighted computer programs and other material, in violation of copyright laws.”

—OIT Network Usage Policy

During 2003, OIT averaged approximately 30 notices of copyright violations per month. According to

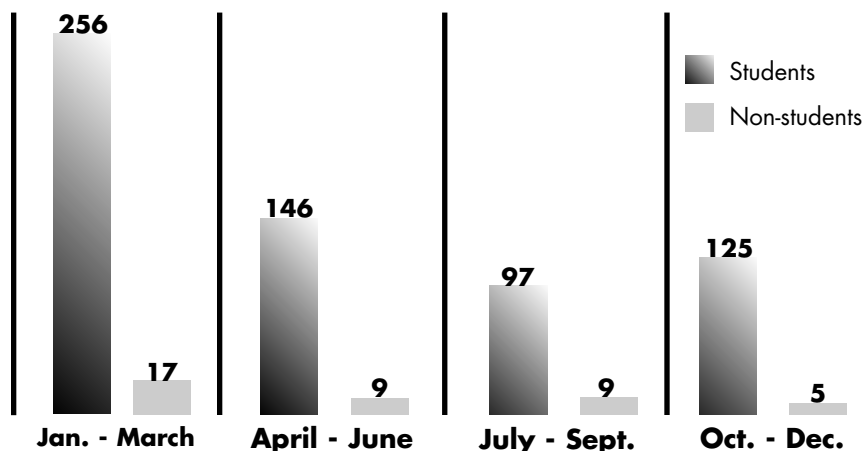
Greg Hale, a technical project director for OIT’s division of information security, most violations among faculty and staff are resolved at the unit level.

Under provisions of the Digital Millennium Copyright Act, Georgia Tech is considered to be an Internet service provider, similar to America Online or Earthlink. Due to that designation, the Institute cannot selectively block specific sites based upon content and retain that designation.

In 2000, Georgia Tech was one of the universities chosen by lawyers representing several music artists, requesting that it block access to Napster, a popular music- and file-sharing Web site. Responding that the university “...neither participate(s) in nor condone(s) any infringement of your clients’ copyrighted materials...”, Tech declined the request.

“Like Georgia Tech,” Mullin said, “many universities provide high speed Internet connections to their students and by the nature of the educational environment and as Internet service providers, do not actively monitor usage for potential copyright violations. Instead, they choose, as we do, to address this through policy and education.”

RIAA copyright violation notices sent to Georgia Tech: 2003



Source: OIT Information Security

For more information...

Office of Information
Technology Computer and
Network Usage Policy

www.oit.gatech.edu/information_security/policy/usage/



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call 404-894-8324.

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

Gift, cont'd from page 1

lead unit for the Tennenbaum Institute. However, the Institute also will benefit from the intellectual resources and expertise of all the colleges, as well as the Georgia Tech Research Institute, the Economic Development Institute, the Advanced Technology Development Center, and VentureLab. The expertise needed will range from the arts and architecture to computing and communications to economics and engineering.

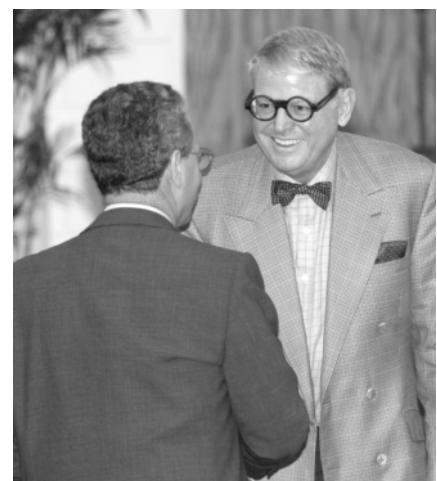
“The Tennenbaum Institute has the potential to grow rapidly in coming years and greatly enhance the impact and reputation of Georgia Tech,” said William Rouse, chair of the School of Industrial and Systems Engineering, who will serve as founding executive director. “When we discussed this initiative with Mr. Tennenbaum, he quickly reached the conclusion that this is a compelling idea and Tech has a great base from which to launch it.”

Tennenbaum, who graduated with a degree in industrial engineering in

The Tennenbaum Institute for Enterprise Transformation is expected to serve a wide range of public and private sector entities:

- High-tech firms, in domains including aerospace, computing, pharmaceuticals, telecommunications and transportation;
- Large-scale consumer-oriented industries such as automotive, banking, retail and services;
- Public sector enterprises in defense, education, healthcare and homeland security; and
- Nonprofit enterprises such as those focused on health issues, the arts, disaster relief and other forms of community service.

1958, is the founder of Los Angeles-based Tennenbaum Capital Partners, which is a special situation investor often engaged in turning around businesses. Some of his other educational endowments include fellowship



Michael Tennenbaum's \$5 million gift will establish an interdisciplinary center believed to be the first of its kind in the world.

funds at Harvard Business School and at Georgia Tech, and a research fund to advance interdisciplinary brain research at the Neuropsychiatric Institute at UCLA Medical School.

Guest star



The Georgia Tech Cable Network (GTCN) taped a special last week featuring actress and comedian Aisha Tyler, who was in town promoting her new book. Here, she talks about her reputation as the class clown with Ivan Allen College undergraduate LaToya West, right.

The show will air later this semester. For information on GTCN's programming, visit www.gtcn.gatech.edu.

photo by Nicole Cappello

Federal cuts threaten manufacturing assistance program

Nancy Fulbright
Economic Development

An assistance program that helps local manufacturers improve their operations faces a substantial budget cut that would reduce services at a time when struggling companies need help more than ever before.

Federal funding for the Manufacturing Extension Partnership (MEP) — in Georgia managed by Georgia Tech's Economic Development Institute (EDI) — was cut 63 percent under an appropriations bill passed by Congress in January.

"Through our state funding, Georgia Tech will continue to provide assistance, but our ability to help Georgia's small- and mid-sized manufacturers will be significantly reduced," warned Larry Alford, director of EDI's business and industry services. "This program has demonstrated its effectiveness in saving jobs and protecting the nation's manufacturing base, so we don't understand why it is being cut at such a critical time."

The single most important

assistance program for manufacturers, MEP has received strong support from Georgia's congressional delegation across party lines. Both Senators Saxby Chambliss and Zell Miller supported the program's continued funding, and six of Georgia's 13 representatives signed the "Dear Colleague" letter circulated to members of Congress.

Nationally, 58 senators and 203 representatives signed the letter, with an additional 43 representatives signing individual letters of support.

"Small and medium businesses provide Georgia and our nation innovation and most of our jobs," said Sen. Saxby Chambliss (R-GA). "If we are serious about building up our economy and creating jobs, we must ensure our small and medium-sized businesses can compete globally. MEP is a cost-effective program that works and continues to be helpful to Georgia businesses."

Prior to the cut, the national MEP program was receiving \$110 million per year to support a network of 60 centers with 400 locations across the country.

The Administration believes that MEP centers should be self-sustaining, with manufacturers paying market price for services. But Alford says that's unrealistic because many small companies — especially those in rural areas — can neither afford nor find the kinds of assistance that Georgia Tech provides through the MEP program.

"We serve as catalysts, providing an independent perspective to help companies implement lean manufacturing techniques or adopt quality systems," he explained. "If this program is eliminated, many small manufacturers will not have access to assistance that can make a real difference in their ability to be competitive and grow."

Between 2000 and 2002, Georgia lost 63,900 manufacturing jobs, and 60 manufacturers closed their doors for good. In terms of layoffs, the number of Georgia manufacturers slashing employment increased from 44 companies in 2000 to 110 companies in 2002. Nationally, the manufacturing sector has lost 3 million jobs in the past three years.

IN BRIEF:

Seeking nominations

FASET Orientation is soliciting nominations from faculty and staff of exceptional students to be a part of the summer orientation program. FASET seeks students who have a love for Georgia Tech and have a desire to help new students transition into college life. Those who have contact with students who would qualify as FASET leaders should contact them or e-mail John Dean (gte019u@prism.gatech.edu) or Jennifer Smith (gte870u@prism.gatech.edu) by February 24.

The program is also encouraging faculty to make this announcement during classes. Applications are available at www.faset.gatech.edu beginning Feb. 20 and are due by March 5.

Seeking volunteers

Student, staff and faculty volunteers are needed for Georgia Tech's 2004 Earth Day event Friday, April 23, from 10 a.m. to 2 p.m. Volunteers will receive an Earth Day shirt. E-mail cheryl.smith@parking.gatech.edu or refer to www.earthday.gatech.edu for information.

Wreck Day Camp

The Campus Recreation Center is looking for counselors who love working with children and have a desire to help them learn. Preference will be given to those applicants with previous experience working with children. Applicants must be 18 years of age or older. Paid training will be provided a few weeks before camp starts. Lunches will be provided as well as cost of admission for all field trips.

More information, including applications, is available at www.crc.gatech.edu/SummerCamp or by calling 385-0298.

Scholarships available

Applications are being accepted for the Georgia Tech Women's Forum scholarship competition, which awards scholarships ranging from \$500 to \$1,000 to undergraduate and graduate women students. Applications are available at www.chemistry.gatech.edu/gtwf. Deadline is March 1. Recipients will be honored at a luncheon on March 17.

Future reference

The Registrar's Office has announced the dates for fall break have been moved from October 11-12 to October 18-19.

Policy, cont'd from page 1

outlines foreign policy priorities. The "Doctrine of Preemption" has proved quite controversial for stating that the United States will act against threats such as weapons of mass destruction and terrorism "before they are fully formed," that it "will not hesitate to act alone, if necessary," and that it will hold accountable nations that harbor terrorists.

While the controversy has centered on the concept of anticipatory

Lectures such as this one are co-sponsored by the Sam Nunn Security Program Fellowship. Information about the program, including applications for 2004-05 fellows, is available at www.cistp.gatech.edu/cistp/SamNunn. The application deadline is March 15.

self-defense, Kelly said that both the United Nations Charter and international law recognize that countries have the right to strike preemptively rather than wait to be attacked before defending themselves. He also pointed out that preemption has also been the

justification for action used by previous administrations, though they never formally spelled it out.

Kelly believes that future actions are situation-dependent — based on what the president thinks they need to do and what Congress will accept. Kelly emphasized that such actions

should be based on solid intelligence that has been rigorously analyzed, in combination with close, candid and frequent consultation with allies and other nations.

For more information...

Center for International Strategy, Technology and Policy
www.cistp.gatech.edu

United States National Security Strategy
www.whitehouse.gov/nsc/nss.html

CAMPUS EVENTS

Arts & Culture

Feb. 19

The bookstore hosts author Calvin Johnson, who will discuss his book "Exit to Freedom," and the 16 years he spent in prison falsely convicted of rape, at 7 p.m. For more information, visit www.bookstore.gatech.edu.

Feb. 24

The School of Literature, Communication and Culture presents a McEver Poetry Reading, featuring Brooks Haxton, Jeffrey McDaniel and Vijay Seshadri, at 4:30 p.m. in the Clary Theater. For more information, visit www.iac.gatech.edu/poetry.html.

Feb. 27

The Ferst Center for the Arts welcomes Spoleto Festival USA Chamber Music with Charles Wadsworth at 8 p.m. Faculty and staff receive a 10 percent discount. For tickets, call 894-9600.

Brown Bags/Conferences/Lectures

Feb. 18

The DuPree College of Management's IMPACT Speaker Series hosts "A Roundtable of Venture Capitalists," at 4:30 p.m. in the LeCraw Auditorium.

Feb. 20

The DuPree College of Management welcomes Charles Moseley, founder of Noro-Moseley Partners, as the keynote speaker for the finals of the 2004 Georgia Tech Business Plan Competition, at 4:30 p.m. in the LeCraw Auditorium.

Feb. 24

The School of Mechanical Engineering's Woodruff Colloquium Series welcomes Craig Hartley, program manager at the Air Force Office of Scientific Research, on "The Challenge for Materials in Design," at 11 a.m. in the MaRC auditorium. For more information, call 894-8412.

Feb. 24

The School of Materials Science and Engineering welcomes Yadong Wang, postdoctoral associate in chemical engineering at MIT, on "Biorubber for Tissue Engineering," at 3 p.m. in room 185, Love Building. For more information, call 894-6882.

Feb. 26

The School of Aerospace Engineering's Distinguished Lecture Series welcomes Lt. Col. Richard Clifford, director of space utilization at Boeing, on "The Moon and Beyond, 2004: An Assessment of the New Space Exploration Vision," at 11 a.m. in the Clary Theater. For more information, e-mail connie.irish@aerospace.gatech.edu.

Faculty/Staff Development

Mar. 3

The Office of Sponsored Programs hosts a brown bag on "Intellectual Property," at noon in the Research Administration Building. To register, call 894-6945 or e-mail nadia.zitman@osp.gatech.edu.

Feb. 25-26

Georgia Tech teaching assistants are invited to join CETL for the first of a two-part workshop on developing online teaching portfolios, and why a teaching portfolio may be important, as well as ideas for artifacts to include in a portfolio. For more information or to register, e-mail jennifer.brown@cetl.gatech.edu.

Miscellaneous

Feb. 24

A Fidelity representative will be conducting confidential investment consultations in the Office of Human Resources. To schedule an appointment, call 800-642-7131.

Feb. 25

The Office of Human Resources will hold the first of a series of pre-retirement meetings from 1:30-4:30 p.m. in room 117, Student Services. Topics covered include Social Security benefits and Georgia Tech benefits. These meetings are designed for employees within 10 years of retirement. To register, visit www.trainsweb.gatech.edu.

Faculty and staff should send calendar items for events to editor@icpa.gatech.edu when available.

CLASSIFIEDS

APPLIANCES

Refrigerator, \$140; range, \$140; dish-washer, \$90; over-range microwave, \$90. All white, GE, excellent condition. Call Jon, 385-2395 or e-mail igetstuff@hotmail.com.

Kenmore electric washer and dryer. Solenoids and heating element 2.5 years old. \$75/pair, you pick up. Call 404-559-8761.

AUTOMOBILES

1993 S-10 Blazer. Red, 4-door, automatic. Original Vortex 6-cylinder engine, 87K miles, no bumpers/no damage. \$3,000. Call Susan at 894-9942.

1994 Lincoln Towncar, signature series. Completely loaded. Excellent condition. 143K miles, \$3,500. Call Theresa Lummus, 706-663-2306.

1995 Honda Accord EX. Automatic, 4-door, gold, good condition, \$4,100. Call 894-2538.

1995 Pontiac Grand Am GT. Blue/green, 91K miles, 3.1L V6, rebuilt auto transmission, a/c, 16-inch wheels, K&N, Flowmaster dual exhaust, 6 CD changer and subs, \$4,000 OBO. E-mail mgilbert@ibb.gatech.edu.

1996 Mazda 626. Excellent condition, automatic transmission. 68K miles. Very clean. Dark green color, dark tinted windows. Dual airbags. Alarm system, new tires. Asking \$6,300 OBO. Call 770-671-0272.

FURNITURE

Just one year old: maroon couch/loveseat, \$570; large glass dining table, 4 matching red chairs, \$250; queen bed, headboard, box spring, mattress, \$250. Negotiable. Contact Keiko, 770-723-9242.

Two brass table lamps with silk shades. Like new. \$50 for both. E-mail belinda.harding@dev.gatech.edu or call 894-1622.

Dining table w/6 chairs, \$175; crib w/mattress \$120; and much more. See photos at <http://photos.yahoo.com/batugunduz>. Call 770-951-8186.

Oak living room furniture complete set w/lamps, dining room table w/chairs and book shelves, \$750. Call 678-232-3475 or e-mail david.gifford@gttri.gatech.edu.

REAL ESTATE/ROOMMATES

Professor's home: 3BR/2BA brick ranch in Douglasville on corner lot. Huge back yard. Vaulted master w/sitting room. Two-car garage, kitchen w/all appliances. Available mid-April. \$1,250/month. Call 404-931-5001 or e-mail jamcgruder@aol.com.

Housemate sought: male professor, 43, seeks to share gorgeous furnished penthouse condo in Midtown. \$800/month negotiable. E-mail hk28@mail.gatech.edu.

3BR/2BA home for sale in Stockbridge, Swan Lake subdivision. Fireplace, one-car garage, lake privileges with swimming, fishing and playground, quiet neighborhood. Asking \$110K. Call 770-389-3497.

2BR/2.5BA townhouse in Smyrna/Vinings, corner unit, 12 miles from GT, located at 1747 Nappa Valley Ct. \$800/month, 1st and last due with lease. Call 770-428-4836.

Conyers: Lake-front w/dock, 4BR/2BA house for sale at \$180,000 or rent at \$1,200/month. Refrigerator, washer/dryer + yard service. Only 24 miles from campus. Call 894-9274 or e-mail allison.hickman@alumni.gatech.edu.

2-story Victorian home in Candler Park. Fully furnished (see www.ct02.gatech.edu/home). Walk to restaurants, park/tennis/pool, MARTA. Available in May, \$1,500/mo. + utils. Call 404-223-6227 or e-mail jb130@mail.gatech.edu.

Vacation rental in Grayton Beach, Florida. 3BR/2BA, w/2 porches available weekly or nightly. On Gulf Coast between Panama City and Destin. E-mail hdgentry@mindspring.com or call 404-636-3146.

Midown condo for sale, less than 1 mile from Tech Square and 2 blocks from Piedmont Park. Completely renovated 2-story, 2BR/1.5BA, new appliances, sunroom. \$219,500. Call 404-874-8463 or e-mail bassydrew@yahoo.com.

MISCELLANEOUS

2001 red Kawasaki ZR-7S motorcycle. 1,200 miles, 750cc, 4 cyl. with mini-fairing and stainless-steel exhaust. Excellent condition, always garaged. See <http://bada55.com/kawasaki.htm>. \$4,000 negotiable. Call 678-895-8096 or e-mail sean.porter@ce.gatech.edu.

Hitachi 43-inch HDTV w/stand. Excellent condition, \$1,100. Call 678-232-3475 or e-mail david.gifford@gttri.gatech.edu.

1994 Honda Shadow. 700cc, 54K miles, well maintained, stored in garage, matching cherry red helmet included. \$1,000. Call 770-617-0855.

Ads will run for a maximum of three weeks in the order in which they are received. The Whistle reserves the right to edit ads longer than 30 words.