

Georgia
TechTHE
Whistle

PEOPLE

Visiting professor speaks
on climate change

Bryan Norton, professor of philosophy in the School of Public Policy, spoke at 7:30 p.m. Tuesday on "Strategy Amid Uncertainty: Learning to Think Like a Planet."

<http://tinyurl.com/dd28zm>

RESEARCH

Quantum memory now lasts
longer than ever — 7 msec

Physicists at Georgia Tech have set a new record for the length of time quantum information can be stored and retrieved from an array of atoms.

<http://tinyurl.com/d8wa85>

NEWS

Ice's effect on airplanes

In the wake of the recent commuter air crash, Georgia Tech researcher Jim Brooks discusses on CNN how ice buildup can cause a plane to lose lift and stall. (Link goes to video.)

<http://tinyurl.com/b5k6ao>

EVENTS

ARTS & CULTURE

Through February

The College of Architecture and the Library and Information Center present the exhibition "Documenting Design: The Work of Alan Buchsbaum," in the Neely Lobby.

www.library.gatech.edu/archives

March 5

Jazz singer Matt Dusk performs at the Ferst Center for the Arts, starting at 8 p.m. Tickets are \$15 and \$25, \$12 and \$20 with a subscription.

www.ferstcenter.gatech.edu

March 7

Saxophone master David Sanborn performs with his group at the Ferst Center for the Arts, starting at 8 p.m. Tickets are \$38 and \$48, \$30.40 and \$38.40 with subscription.

www.ferstcenter.gatech.edu

CONFERENCES/
LECTURES

February 24

George Mason University Professor David M. Hart presents "Immigration and High-tech Entrepreneurship in the U.S.," starting at 11 a.m. in the Piedmont Room of the Student Center Commons.

www.cistp.gatech.edu

University of Michigan Professor Brian Love presents "Keeping the Bananas

Calendar continues on page 2

Program ADVANCEs

Professors working to promote institutional change

ROBERT NESMITH
COMMUNICATIONS & MARKETING

A team comprised of Institute faculty and staff members is striving to aid Tech in hiring, promoting and retaining more women in faculty positions.

Begun in 2001 with a five-year grant from the National Science Foundation (NSF), the Georgia Tech ADVANCE Program for Institutional Transformation initially was founded to increase participation of women in the scientific and engineering workforce through increased representation and advancement of women in academic scientific and engineering careers.

After the grant period ended, the program was institutionalized at Tech, overseen by the Office of the Provost and in partnership with the Center for the Study of Women, Science and Technology (WST). The team provides conferences, workshops, online resources and other activities to aid and inform individual faculty members and campus leadership.

ADVANCE professors initially were chosen from the colleges of Sciences, Engineering, Computing and the Ivan Allen College in 2001 to serve for five years. With funding moving from the

NSF to the Provost's and President's offices in 2006, the program expanded to include the College of Architecture and the College of Management. While each professor works to initiate cultural change across the Institute, they also work within their college, advising school chairs and other departmental heads. "[Former Provost Jean-Lou Chameau] felt it should be campus-wide," said Management Professor Christina Shalley. As one of the "new" ADVANCE professors, she is in the third year of her five-year commitment.

Other ADVANCE Professors include Mary Frank Fox with the Ivan Allen College; Mary Jean Harrold with the College of Computing; Mary Ann Ingram with the College of Engineering; Wing



The GT ADVANCE team professors are, from left, Mary Frank Fox, Mary Jean Harrold, Christina Shalley, Wing Li Suet, Mary Ann Ingram and Catherine Ross (right). Gilda Barabino (far inset) is vice provost for Academic Diversity.

Suet Li with the College of Sciences; and Catherine Ross in the College of Architecture. Monique Tavares and Donna Redmon, both with the Provost's Office; and Literature, Communication and Culture Professor Carol Colatella and Polymer, Textile and Fiber Engineering Associate Professor Mary Lynn Realff—co-directors of the Center for the Study of Women, Science and Technology—round out the Georgia Tech ADVANCE team. At the helm is Gilda Barabino, vice provost

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Booster shot

Coalition seeks community cooperation
in addressing Institute health initiatives

ROBERT NESMITH
COMMUNICATIONS & MARKETING

A growing campus-wide coalition created to address the overall health of the Institute community is soliciting students, staff and faculty to join its ranks. Go T.E.C.H. (Teams Encouraging Campus Health) seeks to inspire a campus environment dedicated to maintaining a balanced, healthy lifestyle.

The coalition will serve as a community resource to learn about health-oriented events, research and establish new programs, as well as become a source for networking and providing campus-wide resources. In the spirit of academic collaboration across campus, Go T.E.C.H. is working to create a true, Institute-wide network committed to creating an overall health-oriented campus environment.

Christie Stewart, assistant director of Campus Recreation—G.I.T. FIT, and Vladimir Oge, director of Health Promotion with Stamps Health Services, initiated coalition meetings in summer 2007 to facilitate the collaboration of resources and organizations around campus,



HEALTH, continued on page 3

A new song

Inventors showcase instruments
at annual Guthman competition

For the last 10 years, Tech alumnus Richard Guthman has sponsored a national keyboard competition, in honor of his wife, Margaret. This year, the contest has taken a bit of a new direction, seeking those who have branched out to create new instruments.

Musician inventors from across the nation have entered their creations, ranging from musical software to performing "hardware," into the contest. On Saturday, the Center for Music Technology (GTCMT) will host the six finalists, who will present their creations and perform on campus.

Brooklyn-based musician and computer engineer Eric Singer founded LEMUR (League of Electronic Musical Urban Robots), a group of like-minded engineers, designers and musicians. Over the past nine years, the group has designed, built and programmed several robots, which play with local musicians. "Initially, we had to teach ourselves mechanical systems [and] how to machine parts," Singer said. "We can make them much more easily now."

Singer, an alumnus of Carnegie Mellon University and Berklee College of Music, will showcase his guitar bot. "It's the first

GUTHMAN, continued on page 3

Photography courtesy GT ADVANCE and Rob Felt

EVENTS

Suspended in the Jell-O," from 3 to 4 p.m. in room 183 of the J. Erskine Love Manufacturing building.

www.matecouncil.gatech.edu

February 25

Spelman College Provost Johnnella Butler and Beverly Guy-Sheftall, director of the Women's Research and Resource Center at Spelman, present "Transforming the Curriculum: 20th Century Imperatives," from 3 to 4 p.m. in the Clary Theatre at the Student Success Center. The lecture is sponsored by the Ivan Allen College as part of Black History Month.

www.iac.gatech.edu

Kaneva CEO and founder Christopher Klaus will be this week's IMPACT Speaker, starting at 4:30 p.m. in the LeCraw Auditorium at the College of Management.

www.ile.gatech.edu

February 26

The 2009 Korea Conference will be held from 8 a.m. to 4:45 p.m. in room 1116 of the Klaus Advanced Computing building. The conference is free, but a reservation is required by Feb. 20.

www.cistp.gatech.edu

Boston University Professor Vivien Schmidt presents "Re-Envisioning Europe: Democracy, Economy, Identity," starting at 12:30 p.m. in President's Suites C and D in the Student Success Center.

www.euce.gatech.edu/node/51

March 2

School of Physics Professor Emeritus Henry Valk and School of Electrical and Computer Engineering Professor William Hunt present "Music, Science and Technology," from 2 to 3:30 p.m. in the Neely Lobby of the Library.

www.library.gatech.edu

Vanderbilt University School of Medicine Professor Richard Caprioli presents "Using a Mass Spectrometer as a Camera: Molecular Images of Tissues in Biological and Clinical Research," starting at 3 p.m. in room G011 of the Molecular Science and Engineering building.

www.chemistry.gatech.edu

Gary Shilling, economic consultant and president of A. Gary Shilling & Co. Inc., presents "When Will We Get Out of This Mess?" from 4:30 to 5:30 p.m. in the LeCraw Auditorium at the College of Management.

www.mgt.gatech.edu

March 3

University of Nebraska, Lincoln, Professor Mehrdad Negahban presents "Experimental Characterization and Constitutive Modeling of Polycarbonate Under Large Strains and Rapid Loads," from 3 to 4 p.m., in room 183 of the Love Manufacturing building.

www.matecouncil.gatech.edu

March 4

The Atlanta Regional Commission's Principal Environment Planner Maia Davis presents "Encouraging Communities to Go Green," from

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Research

ATAS director named Rusty Roberts has worked at GTRI since 1988

ABBY VOGEL

RESEARCH NEWS

Rusty Roberts recently returned to the Georgia Tech Research Institute (GTRI) Cobb County Research Facility, where his career with Tech began in 1988. In January, he was named director of GTRI's Aerospace, Transportation and Advanced Systems (ATAS) laboratory, one of two units headquartered at the Cobb facility near Dobbins Air Reserve Base.

"I'm excited to lead the ATAS laboratory and inject my own thoughts and ideas into the direction that this group of researchers should go," Roberts said. "I was able to hit the ground running because I already knew about 80 percent of the researchers in the laboratory—whether from working here previously or from reaching out and collaborating while I was in ITTL."

His appointment comes after eight years as associate director for business development in GTRI's Information Technology and Telecommunications Laboratory, 12 years as program manager in the Systems Development Laboratory that was merged to

create ATAS and 10 years as an officer in the U.S. Army Signal Corps.

ATAS has a long legacy of providing threat radar simulators to the test-and-evaluation community, but also of solving complex problems in the diverse areas of aeronautics, acoustics, transportation, and power and energy. Another key capability within ATAS is its Food Processing Technology Division, which provides technical solutions to the food processing industry.

"The diversity of the laboratory presents its challenges, but I'm going to try to connect the overlapping capabilities and core competencies, both technical abilities and sponsors, among the groups," Roberts said.

Roberts plans to gradually increase the number of laboratory personnel and sponsors.

"I want to revitalize our core threat business, exploit our prototyping abilities, use my expertise in business development to expand the outreach of the Food Processing Technology Division, and bring some of the U.S. Department of Defense contacts I've



Rusty Roberts

developed to the aerospace researchers."

He also wants to grow the laboratory's unmanned autonomous systems capability. Growth in this area will be aided by a contract recently awarded to Roberts and GTRI principal research engineer Lora Weiss to support development of a roadmap designed to improve the testing and evaluation of unmanned and autonomous systems for the U.S. Office of the Secretary of Defense. GTRI is also participating in other UAV programs, including a multi-organization effort aimed at developing very small autonomous devices.

Roberts is currently vice president and executive committee member of the International Test and Evaluation Association. He also started and presently leads a GTRI-wide test and evaluation initiative that brought together the Joint Systems Integration Command and the Defense Test Resource Management Center. The resulting collaboration directly led to a \$1.9 million research award.

He has been married since 1990 to Cindy, whom he met while working at GTRI. She currently supports GTRI's deputy director of support operations. They have three adult children, Bobby, Christina and Kevin, and live in Marietta.

Taking it on the road Studies could boost existing highway capacity by managing lanes

RICK ROBINSON

RESEARCH NEWS

Randall Guensler, a professor in the School of Civil and Environmental Engineering, studies transportation efficiency in metropolitan areas.

His current work focuses on close monitoring of real-world driving behavior. The goal: find ways to improve traffic flow by maximizing the use of existing highways.

The vehicle-activity data being monitored are useful, he explains, not only for evaluating travel behavior, but also for studying traffic operations, safety, and environmental impact. Such data can help guide decisions affecting transportation planning and environmental policy analysis.

"Many experts now believe that actively managing lane use can provide greatly improved service without having to construct extra lanes," Guensler said. "These managed-lane strategies can be implemented for minimal cost, especially when compared to the land and construction cost, the traffic problems and the demolition issues involved in

building new roads."

Guensler and his team are involved in two major projects directly associated with transportation efficiency and managed-lane approaches:

■ Commute Atlanta is a four-phase project that examines how monetary incentives, often called value pricing, can influence driver behavior. The \$2.3 million joint project, sponsored by the Federal Highway Administration and the Georgia Department of Transportation (GDOT), is also collecting vehicle-use and demographics data useful in studying highway safety and air quality, as well as traffic flow.

■ The Congestion Pricing Project, sponsored by the GDOT, uses a variety of techniques to collect consumer opinion and other data on lane-management approaches such as value pricing.

The benefits of controlling lane use through value pricing—sometimes called congestion pricing or peak-period pricing—are counter-intuitive, Guensler says. To people sitting in traffic, it looks as if fewer vehicles are flowing through the adjacent limited-access lane because there are big spaces between each car or truck.

"But in fact if you were looking from the top down, you'd

Professor Randall Guensler displays equipment used to monitor driver behavior as part of studies on highway efficiency.



Photograph by Gary Meek

see more vehicles going through that lane every hour than in the congested lanes," he said.

Commute Atlanta's first two phases, now complete, examined consumers' responses to having a price attached to their travel practices.

The study selected several hundred representative Atlanta households. Using in-vehicle computers and Global Positioning System (GPS) equipment to collect speed, position and engine-operating data, the study pinned down each family's average travel habits.

Then each household was offered a monetary rebate for each mile it could pare from its



This article was featured in the Fall 2008 Research Horizons magazine.

monthly total by any means possible: fewer trips, carpooling, using public transportation, biking or even walking.

Guensler says the study's first two phases have helped establish research guidelines, but results haven't been definitive. However, he adds, the data already collected from 470

vehicles and more than 1.8 million vehicle trips will be useful in ongoing air-quality and safety research.

The third and fourth phases of Commute Atlanta will simulate the impact of travel behavior on real-time congestion pricing—charging less for restricted-lane travel at off-peak periods.

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Archived issues of The Whistle can be accessed electronically through the Georgia Tech Web page, or directly at www.whistle.gatech.edu.

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as well as work to provide an Institute-wide definition for a balanced, healthy lifestyle. Departments involved in the coalition's creation include Stamps Health Services, under Auxiliary Services; and the Campus Recreation Center and the Counseling Center, both under Student Affairs.

October 2008 marked the group's introduction to the campus, and the duo said there are plans for a large-scale coalition kickoff in the fall. "A year from now, I would love to see an increased amount of student groups working with or formed through the coalition," Oge said. "A major milestone for us will be when Go T.E.C.H. is perceived as a valuable, viable entity on campus."

For the initial building and development phase, Go T.E.C.H. lends support and promotion to campus activities, such as the Body Image Awareness Month campaign throughout February and the ING Marathon's hydration station on Tech's campus. "We know there are numerous health initiatives around campus," Stewart said. "[The coalition's] goal is to help give these initiatives a wider audience, and to provide a consistent health message across the Institute." Some of the near-future goals for the coalition are to engage student organizations—such as the American Medical Student Association and the American Red Cross Club—as well as more faculty and staff.

Currently, the program is requesting people from the entire campus population to join one of the four work group "teams"—Policy, Programs, Research or Communications & Marketing. Each team's members will focus on the group's specific areas to bring about the initiative's vision.

Members of the Policy work group will aid in reviewing and possibly updating or revising health-related policies as identified Institute-wide. According to Stewart, work in this group would likely be geared more toward faculty and staff.

"We're definitely promoting the idea that the challenge of maintaining a balanced and healthy lifestyle is not limited to students," Oge said, noting that many of the same constraints keeping students from participating in campus health initiatives—time and class constraints—can apply to faculty and staff members, as well. "For the benefit of the entire Tech community, we must address the needs of faculty and staff as well." And, Stewart adds, faculty and staff are essential in getting the word out to students.

Group members work to corral all the health-related events, initiatives and programs from around the Institute for inclusion in the Go T.E.C.H. calendar of events. They also will facilitate communications between the organizations or departments that could benefit from combining resources or programs and events.

For the Research work group, Go T.E.C.H. is recruiting members to create a place for evaluating, researching and validating methods and practices regarding campus health issues. The long-term goals of this group also include tracking changes in the health and well-being of the campus community.

The group, according to Stewart, will assess what is needed on campus through both conversations with the community and benchmarking with peer institutions. Oge and Stewart looked into programs at The Ohio State University, the University of South Carolina and the University of Florida for the

Tech model. Other resources included Healthy Campus 2010, an initiative of the American College Health Association. "We'll pull from as many resources as possible," Oge said.

Members of the Communications & Marketing work group will develop and identify communication strategies to promote a healthy lifestyle and influence positive behavior.

The coalition's Web site is now live, providing a detailed overview of the coalition and its work groups. Health information is available through both campus and external links, as are upcoming programs and events through the site's calendar. Regardless of whether they join a group, Stewart and Oge request that those interested register for the Go T.E.C.H. e-mail network.

In the future, Oge and Stewart say the work groups will go beyond promoting existing programs and move into creating new initiatives and programs, as well as work to provide a consistent, Institute-wide health message. "It takes time for an initiative to develop," Stewart said. "We can always add [more] as we go, and increase campus support, as well as add external support from individuals and companies."

"We are indebted to our members for giving up their time," Oge said. "The consistency of health messaging is really important in defining what a balanced, healthy lifestyle is at Georgia Tech for students, faculty and staff."

For more information

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www.gotech.gatech.edu
www.crc.gatech.edu
www.health.gatech.edu

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robot that I built."

Judges for the competition include Eran Egozy, co-founder and chief technical officer of Cambridge-based video game development company Harmonix Music Systems, which developed "Guitar Hero" and "Rock Band"; digital music expert Eliot Van Buskirk, an author, columnist and blogger who writes for the award-winning technology

magazine Wired; and a GTCMT faculty representative, whose researchers are developing new ways to compose, listen to and perform music.

"I've always been interested in the accessibility of music creation," said Egozy, who knows Center Director and Music Professor Gil Weinberg from the Media Lab at the Massachusetts Institute of Technology. "In most traditional instruments, musical expression can only come after

achieving technical mastery—a process that can take years of hard and sometimes frustrating work. I would love to see new instruments that narrow the gap required for technical mastery, yet preserve a rich palette for real musical expression."

Beginning at 1 p.m. in the Couch Building, the finalists will perform. Admission is free and doors will open at 11 a.m. for an open-house showcase of the GTCMT's recent work.

Prizes will include \$5,000 for first place, \$3,000 for second place and \$2,000 for third place.

"We expect the Guthman Musical Instrument Competition will deliver paradigms of expression and new modes of performance to both public and academic realms year after year," said Music Department Director Frank Clark.

For more information
<http://gtcmt.coa.gatech.edu>

CARNEGIE NEWS BRIEFS

PRESIDENTIAL SEARCH NEARING END: The Board of Regents of the University System of Georgia is expected to meet next week for a vote on Georgia Tech's next president. After announcing that **G.P. "Bud" Peterson** was the sole finalist for the position, state law requires the Board to wait a minimum of 14 days to vote and name the president. Peterson is currently chancellor of the University of Boulder at Colorado.

TAVARES NAMED TO POSITION IN SENIOR VICE PROVOST'S OFFICE: **Mark G. Allen**, senior vice provost for Research and Innovation, has announced that **Monique**

D. Tavares has been named director of Administration Research. The primary duties of this position are to support the Institute's research efforts through management of grant and award proposals, research faculty promotions, center policy and administration, space management and direction of research-related projects. Tavares has previously been the director of Faculty Career Development Services and worked in the College of Engineering dean's office.

PROMOTION AND TENURE AWARDED: After faculty consideration, Interim President and Provost **Gary**



B. Schuster announced that the tenure process has been completed for this year. He has approved 45 faculty promotions and awarded tenure to 31 faculty.

CHANCELLOR DAVIS TO VISIT CAMPUS IN APRIL: University System Chancellor **Erroll B. Davis Jr.** will spend April 24 on campus in conjunction with the dedication of

the Marcus Nanotechnology Building. Davis visits all of the 35 University System campuses for one day each year to meet with administrators, faculty, and students.

As part of an ongoing effort for enhanced communication by the Office of the President, Office of the Provost and Office of the Executive Vice President for Administration and Finance, this feature provides a brief snapshot of issues and projects of interest to the campus community. Carnegie News Briefs will be included in the last publication date of each month. Questions can be directed to Lynn Durham at lynn.durham@carnegie.gatech.edu.

EVENTS

12:30 to 2 p.m., in the Hodge Conference Room of the Centergy Building at Tech Square.
www.stip.gatech.edu/forum

ConocoPhillips Chairman and CEO James J. Mulva presents the ConocoPhillips C.J. "Pete" Silas Program in Ethics and Leadership keynote address, "The Responsibilities of Energy Leadership," starting at 4 p.m. in room G011 of the Molecular Science and Engineering building.
www.chbe.gatech.edu

March 5
Stanford University Professor Lawrence Wein presents the 2009 Distinguished Lecture, "Operations Research and Homeland Security: From Models to Implementation," starting at 3:30 p.m. in room 117 of the Charles A. Smithgall Student Services building.
www.isye.gatech.edu

FACULTY/STAFF DEVELOPMENT

February 24–26
The Office of Sponsored Programs presents a "crash course" in its Sponsored Program Administration class. Five courses, such as "Proposal Preparation and Submission" and "Grants and Contracts Accounting," will be offered over three days.
www.osp.gatech.edu

March 4
The Office of Sponsored Programs presents "Visual Compliance Quarterly Retraining," from 2 to 4 p.m.
www.osp.gatech.edu

March 11
The Office of Organizational Development presents a brown bag seminar on "Performance Management Essentials—The Power of Goal Setting," from 1 to 2:30 p.m. in the Crescent Room of the Student Center Commons.
www.orgdev.gatech.edu

Ongoing
Training Services offers a Web-based tutorial on using a state purchasing card.
www.training.gatech.edu

MISCELLANEOUS

March 3
The Women's Resource Center kicks off Women's Awareness Month with Take Back the Night. Other events during the month include the 10th Anniversary of the WRC Celebration of Women, the Women's Day of Service, the Red Dress Fashion Show, Angela Davis, and Eve Ensler's "The Vagina Monologues."
www.womenscenter.gatech.edu

March 7
The Robert C. Williams Paper Museum presents a book arts workshop, from 10 a.m. to 3:30 p.m. Cost is \$80, and registration is due by March 4.
www.ipst.gatech.edu/amp

Ongoing
The Faculty Women's Club offers scholarships to Tech undergraduates who are children of faculty or staff. Up to five \$1,000 scholarships will be offered, based on financial need and academic achievement. Applications are due by March 1. E-mail Marjan Van Ittersum at vanittersum@bellsouth.net.

For a more comprehensive listing of events updated daily, visit www.gatech.edu/calendar.

ADVANCE, continued from page 1

for Academic Diversity (VPAD).

"It's an honor to be named an ADVANCE professor, but it also involves a lot of work," Shalley said. "Performing service is part of being a faculty member, and it's rewarding to be able to work on something that you care about; that you think is important." Since being named to the team, Shalley says she has been working to make the promotion and tenure process across campus more transparent. "It's a critical process for faculty retention and development."

While planning campus workshops and events, Shalley says the team meets every two weeks. Otherwise, the group meets monthly, at a minimum. "It's a very positive sign [from the Institute] to now have Vice Provost Barabino," she said. Last year's naming of Barabino as VPAD places someone in charge of the Institute's program, bringing a synergy to Tech's overarching diversity initiatives. "We work as a team—not just in planning the events but also in identifying the issues," Tavares said, adding that the goal is true Institute transformation.

Under the NSF-funded grant, Sandi Bramblett in the Office of Institutional Research and Planning tracked trends and information on the number of women in faculty positions, as well as those on committees, including the Promotion and Tenure Committee. As part of the institutionalization of the grant, the Provost's Office is now charged with keeping track of such data and also manages the policies that evolved from the ADVANCE team's efforts, such as stopping the tenure clock and the active service/modified duties program. "Our office helps support anything having to do with

work/life balance," Tavares said. Along with managing the nursing mothers' rooms, the office also hosts the Georgia Tech parents' network, a monthly lunch series providing faculty, staff and students with information on parenting issues.

On the Institute, college and school levels, the GT ADVANCE team works to make an impact in the recruitment and retention of women faculty through robust networking opportunities, tools and resources, gathering information from faculty, and developing best practices and policies for promotion and tenure. "It works really well to have a resource of professors in each college, where we can meet and get advice on how things are handled [across the Institute]," Shalley said.

One program tool that has come out of the ADVANCE program is ADEPT (Awareness of Decisions in Evaluating Promotion and Tenure), which provides users with a resource to achieve fair and objective evaluations. The material provided assists users—either faculty members up for or committees evaluating promotion and tenure—in achieving fair and objective evaluation by identifying bias within the process. "The resource can be very helpful in educating people about how to avoid making decisions that may be inadvertently biased," Shalley said.

She cited an example of two faculty members up for promotion and tenure. One candidate is male with six years in rank and the other is female with seven years, because she "stopped the tenure clock for a year" to have a child. "It is important that these cases be considered as equal in time at the Institute without any bias toward the woman," Shalley said. "While men can also 'stop the clock' for a birth or adoption, it is an issue that is much more

significant for women in academia, since they are the ones physically impacted by childbirth and are more likely to be the primary caregiver, especially during the child's first year."

The program's spring events kick off March 3 with a career coaching workshop. Faculty members have their curriculum vitas (CV) evaluated by senior faculty mentors. "It provides the opportunity for feedback from a variety of faculty members across the Institute, giving attendees ideas on how to improve their CV," said Tavares. "They can also explore ideas for collaborations as they meet with coaches and network with other attendees."

Many events—including career coaching—are open to all faculty members, not just women. For the future, Tavares says the program is exploring more workshops for school chairs. "We held one last year, focusing on recruitment and retention issues, while also exploring work/life balance issues for faculty members, such as child care," she said. The Career Coaching workshops are generally a consistent format, while seminars for school chairs and faculty career development contain changing content. "In last semester's faculty career development seminar, we examined the notion of scope and scale—what career paths exist once a faculty member reaches the rank of associate professor and achieves tenure."

For now, the GT ADVANCE Program for Institutional Transformation is still working on collecting data and measuring the Institute's progress. The team collected data from 2002

Career Coaching workshop

Faculty members can have their curriculum vitas evaluated by senior faculty mentors.

■ March 3, from 1 to 3 p.m., in room 1116 of the Klaus Advanced Computing building.

to 2006, during the NSF grant period, but has not conducted an Institute-wide climate survey of the faculty since that time. The Web site does con-

tain the results of the Georgia Tech ADVANCE Survey of Faculty Perceptions, Needs and Experiences, conducted by Public Policy Professor and ADVANCE team member Mary Frank Fox. The team is exploring the next iteration of surveys across colleges and the Institute to assess the climate. "We're setting up tracking indicators across and within colleges," Shalley said. Indicators include promotion rate, perceived climate—for teaching, research, developmental encouragement—who is looking to leave, overall satisfaction and interaction with others.

Shalley said during her time as an ADVANCE professor, she would like to see changes that the ADVANCE team are working on concerning the promotion and tenure process implemented in the faculty handbook, as well as more strength added to the family-friendly policies.

"Since ADVANCE has been in place, I have seen movement, but there's more to be done," Shalley said. "It's helpful to have the ADVANCE professors in each college, so faculty know they have a senior faculty member whom they can approach with concerns or ask for advice."

For more information

www.advance.gatech.edu

www.academic.gatech.edu

www.wst.gatech.edu

www.adept.gatech.edu

CLASSIFIEDS

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2001 Volvo S 60, 76,000 miles, exc. condition. Leather interior, moon roof, fully loaded. \$6,750. Call 404-303-0759 or e-mail marta.garcia@dev.gatech.edu.

REAL ESTATE/ROOMMATES

For rent: Renovated 3BR/1BA in Clarkston, inside I-285, 10 miles from Tech. 4-sided brick, fenced back yard, all new wiring. New appliances and cabinets, new ceramic tile and fixtures in BR. \$1,100 deposit and \$1,100 monthly rent. Pets OK w/ deposit. Call 404-218-0409 or e-mail regina.rogers@police.gatech.edu.

For sale: 1-level, free standing, 2BR/2BA condo. Exc. condition. New landscaping, near MARTA, in Oak Grove/LaVista area. Walk to restaurants and shops. \$177,382. E-mail donna.brown@ibb.gatech.edu.

For rent: 2BR/1BR apt. HW fl, spacious, W&D, includes parking, at 8th St./Charles Allen. \$1,300. Call Peter at 404-385-1358 or 678-428-3280.

Renovated loft in Civil War-era building, adjacent to Tech on Means Street. Designed for a 2/2; second BR is currently used as DR. Amenities include 2 secured parking spaces, rooftop deck, garden area and fitness center. \$399,900. Call Jennifer Kjellgren at 404-307-6634 or e-mail jennifer@intownexpert.com.

For rent: 3BR/2.5BA, new 2-story town home on cul-de-sac in Lawrenceville. Includes 1-door garage, private deck, W&D and other appliances. Convenient to Discover Mills, Gwinnett Mall. \$1,200/month, negotiable, excludes water and electricity. Call Sergio at 770-757-9715.

For sale: 4BR/2.5BA townhouse with two-car garage. New gated community near Decatur. HOA-maintained. LR w/ fireplace, eat-in kitchen, HW floors, walk-in closet. Reduced to \$129,900. Call 678-643-8305 or e-mail Eric Mayweather, emay129@yahoo.com for pics and info.

FURNITURE/APPLIANCES

Old dressing table embellished with detailed trim on drawers, mirrors and matching bench. Very good cond. \$350. Also, exquisite 26" tall Asian art lamp (Kuan Yin) in antique cream. \$80. Pics avail. Call 404-377-2627 (eve.) or e-mail jdemmers@gatech.edu.

SPORTS/FITNESS/RECREATION

3BR/2BA peaceful, furnished, waterfront cottage along the Southern Outer Banks, NC; \$150/day, 3-day min. Pets OK. Boat Slip. More info: <http://travel.ajc.com/ads/158>. E-mail jud.ready@gatech.edu.

MISCELLANEOUS

Lost: Trollbead bracelet on 1/7. Sterling silver chain & lock, aqua, white and purple glass beads, silver beads and pearls. Reward. E-mail jbrand@isye.gatech.edu or call 894-2348.

Found: Silver earring, 12/12/08 on sidewalk adjacent to Lyman Hall. Call 894-5558 and provide detailed description.

Mac Blue & White G3 w/ 21-in. CRT monitor. 450Mhz/1gbRAM/80gbHDD [brand new w/ fresh copy of OS X 10.4] / CD/DVD-RW/keyboard/mouse/zip. Tons of extras. \$350. Call 404.310.5970 or e-mail amartin@oit.gatech.edu.

Check out more ads at www.whistle.gatech.edu.

Ads appear and run for three weeks in the order in which they are received.

E-mail submissions to editor@comm.gatech.edu.

In Brief . . .

This is only a test

The Georgia Tech Emergency Notification System (GTENS) will conduct its spring semester test on Thursday, March 5, coinciding with the monthly test of the campus Siren Warning System, at 11 a.m. To register for GTENS, visit the Emergency Preparedness Web site. www.gatech.edu/emergency

Looking back over 30 years

Associate Director of Career Services Cynthia Jordin has published the book "A Moment in Time: Thirty Years in the Making," which details the evolution of the Placement Center into the current-day Career Services Office. All proceeds from the sale of the book will be used to develop an undergraduate student scholarship. www.bookstandpublishing.com

Labor for a good cause

The GT Crew is offering Rent-a-Rower. Its members will perform manual labor to raise money to restore the trailer and fleet of boats that were damaged in an accident last semester. E-mail fundraising@gtcrew for more information.

Thomas testifies on e-waste



House Science and Technology Committee

Associate Professor Valerie Thomas, who holds a joint appointment in the Schools of Industrial and Systems Engineering and Public Policy, testified Feb. 11 before the U.S. House Committee on Science and Technology. Thomas was one of five witnesses regarding the draft legislation "The Electronic Waste Research and Development Act of 2009."

www.isye.gatech.edu/thomastestimony