

Georgia  
Tech

# THE Whistle



## RESEARCH

### Robo-ethicists want to revamp Asimov's 3 laws

Asimov's laws are just too simplistic ... Rules also need to govern social interaction between robots and humans, says Henrik Christensen, head of robotics at Tech's College of Computing. (*Wired*)

<http://tinyurl.com/mkvxxg>

## NEWS

### Georgia Tech to lead fight against cell phone hackers

Georgia Tech has won a three-year, \$500,000 grant from the National Science Foundation to bulwark the newest target for hackers: the cell phone. (*WXIA 11Alive*)

<http://tinyurl.com/kq7gu2>

## PEOPLE

### Using scientific tools in an international war on fake drugs

"Let's use some Atlanta drug money," said chemistry Professor Facundo M. Fernández, as he picked out a limp, ratty dollar bill from his wallet and handed it to one of his graduate students. (*New York Times*)

<http://tinyurl.com/nkwa88>

## EVENTS

### ARTS & CULTURE

#### August 21

John Oliver, senior British correspondent for "The Daily Show," will be joined by Saturday Night Live's Seth Meyers, at 8 p.m. in the Ferst Center for the Arts. Tickets are \$15 and \$25, or \$12 and \$20 with a subscription.

[www.ferstcenter.gatech.edu](http://www.ferstcenter.gatech.edu)

### CONFERENCES/LECTURES

#### August 24

University of Manchester Professor Klaus Muller-Dethlefs presents "A Novel Ultra-cold Molecular Rydberg Plasma: A New State of Matter," 3 p.m. in room 3201A of the Molecular Science and Engineering building.

[www.chemistry.gatech.edu](http://www.chemistry.gatech.edu)

#### August 27

College of Architecture Dean Alan Balfour presents his work on Jerusalem as part of the COA Research Forum, from 11 a.m. to noon in the Architecture Library. The COA Research Forum series is scheduled for the last Thursday of August through April.

[www.coa.gatech.edu](http://www.coa.gatech.edu)

#### August 31

University of California, Irvine, Professor Reginald Penner presents "Metal Nanowires that Detect

Calendar continues on page 2

## Breaking down, building up

### Group recycles prosthetic parts for use in other nations

ROBERT NESMITH  
COMMUNICATIONS & MARKETING

By collecting donated, unused and unwanted items, School of Applied Physiology Research Scientist Rob Kistenberg and students are working to provide prosthetics and orthotics for patients in developing countries.

The Prosthetic and Orthotic Component Clearinghouse, or POCC (pronounced "pahk-see"), in Decatur takes in used or unwanted prosthetic pieces. Housed in the MedShare facility near Flat Shoals Road, POCC allows students to break down the devices into their component parts, which are available at a reduced fee to physicians and prosthetics technicians traveling to international clinics.

According to Kistenberg, coordinator of the school's Master of Science in Prosthetics and Orthotics program, prosthetics consist of artificial limbs that work in place of missing or unformed limbs or body parts. Orthotics are external braces that help strengthen muscles or treat deformities. Typically bulkier, prosthetics occupy more space than orthotics and tend to be more expensive.

Established by the U.S. International



School of Applied Physiology Research Scientist Robert Kistenberg shows graduate students Molly Hill, from left, and Taavy Miller how to break down a prosthetic arm into its component parts for re-use.

Society for Prosthetics and Orthotics (US-ISPO), POCC started in July 2007.

"Our main goal was to prevent orthotics and prosthetics from being thrown away," said Kistenberg, chair of the US-ISPO.

Used or unwanted items are sent to POCC at MedShare International's Decatur warehouse, where volunteers organize orthotics and break down prosthetics into their basic components, which are then stored.

Clinicians or physicians traveling to developing nations can either collect the

parts at the warehouse or can request the parts be shipped to them. A nominal warehouse handling fee and shipping are charged to the group or individual requesting parts. The application process, Kistenberg says, ensures that services providing the requested device are not already available in the patient's country or region, so POCC does not adversely compete with local businesses. "If there's local industry or facilities already in the area, we may seek to

**POCC**, continued on page 4

## Precious medal

### Communications award entries sought

ROBERT NESMITH  
COMMUNICATIONS & MARKETING

Georgia Tech Communications & Marketing is seeking entries for its inaugural Gold Tower Awards, a recognition of outstanding and effective communications, marketing and public relations campaigns from the various units across the Institute.

Entries from six major categories, including print and electronic communications, public relations, integrated marketing, events and leadership will be judged. Each of these is comprised of several subcategories. The print category, for example, encompasses newsletters, magazines, annual publications, handbooks, flyers, brochures and other promotional materials.

"So many excellent communications and marketing



GEORGIA INSTITUTE OF TECHNOLOGY

initiatives are developed every year by the members of our campus communications community, many only that are seen or experienced by an external or small internal audience," said Institute Marketing Communications Director Katherine Bows.

"Communications & Marketing

**TOWER**, continued on page 3

## On a Roll

### Tech recognized for green efforts

ROBERT NESMITH  
COMMUNICATIONS & MARKETING

Out of nearly 700 institutions evaluated by the Princeton Review on sustainability efforts, Georgia Tech made the top 15 and is the only one in the Southeast.

In the 2010 Green Rating Honor Roll, eight private schools and seven public schools were recognized for receiving the highest possible score—a 99. This is the second year Tech has made the list.

In addition to Tech, institutions on the publication's Green Honor Roll include Arizona State University, Tempe, Ariz.; Bates College, Lewiston, Maine; Binghamton University, Binghamton, N.Y.; College of the Atlantic, Bar Harbor, Maine; Colorado College, Colorado Springs, Colo.; Dickinson College, Carlisle, Penn.; Evergreen State College, Olympia, Wash.; Harvard College, Cambridge, Mass.; Middlebury College, Middlebury, Vt.; Northeastern University, Boston; University of California-Berkeley; University of New Hampshire, Durham, N.H.; University of Washington, Seattle; and Yale University, New Haven, Conn.

"Georgia Tech continues to remain a leader in sustainability, and we're honored to be recognized by the

**HONOR ROLL**, continued on page 3

## EVENTS

Molecules," from 2 to 3 p.m. in room 3201A of the Molecular Science and Engineering building.

[www.chemistry.gatech.edu](http://www.chemistry.gatech.edu)

## FACULTY/STAFF DEVELOPMENT

### August 5

Environmental Health and Safety presents a class on regulations required by the National Institutes of Health in the use of recombinant DNA in research, from 10 to 11:30 a.m. in the EHS conference room. Register on the Office of Organizational Development Web site.

[www.orgdev.gatech.edu](http://www.orgdev.gatech.edu)

### August 6

Environmental Health and Safety presents a class on bloodborne pathogens, from 10:30 to 11:30 a.m. in the EHS conference room. Register on the Office of Organizational Development Web site.

[www.orgdev.gatech.edu](http://www.orgdev.gatech.edu)

### August 11-13

The Center for the Enhancement of Teaching and Learning hosts new faculty orientation, starting at 8 a.m. in the Wardlaw Center.

[www.cetl.gatech.edu](http://www.cetl.gatech.edu)

### August 14

The Georgia Tech Academic Advising Network (GTAAN) has scheduled its first meeting for fall 2009, from 11:30 a.m. to 1 p.m. Representatives from the Dean of Students Office, FASET, the Registrar's Office and Student Success Programs will present to the group. Location is TBD.

[www.gtaan.gatech.edu](http://www.gtaan.gatech.edu)

### August 26

The Center for the Enhancement of Teaching and Learning presents its Orientation to Teaching for temporary and part-time faculty, from 4:30 to 7 p.m., in the Wilby room of the Library.

[www.cetl.gatech.edu](http://www.cetl.gatech.edu)

### September 3

The Office of Organizational Development presents the brown bag seminar "Export Control," from 10 a.m. to noon, in the Research Administration building. There is no cost to attend.

[www.orgdev.gatech.edu](http://www.orgdev.gatech.edu)

### September 9

Georgia Tech Police Department Crime Prevention Officer Ian Mayberry presents "Crime Prevention 101," from 10 to 11:30 a.m. in the Police Department training room. Register through the Office of Organizational Development Web site.

[www.orgdev.gatech.edu](http://www.orgdev.gatech.edu)

### Ongoing

Georgia Tech Training Services offers a Web-based tutorial on the basics of using a state purchasing card (p-card).

[www.orgdev.gatech.edu/training/](http://www.orgdev.gatech.edu/training/)

The "Emergency Preparedness"

Calendar continues on page 3

# Research



Image courtesy ECE

After the opening ceremony for the KORUS Research Center for Informersive Systems, ECE graduate research assistant Ted Wada provided an overview on acoustic signal enhancements for immersive and intelligent collaboration.

## Global cooperation

### Korean government, Tech in partnership

JACKIE NEMETH  
ELECTRICAL AND COMPUTER  
ENGINEERING

Imagine watching a favorite TV show and talking about it with one friend on the phone, while at the same time trading messages with others on Twitter and e-mail.

A team of Tech faculty has formed an historic partnership with the Korean government, industry and universities to develop a single platform where these and even more multimedia functions can take place.

Awarded a \$9 million contract through the 2008 KORUS Tech Program, an initiative of the Korean Industrial Technology Foundation, Tech was chosen out of 109 universities to lead the development and design of the next generation of digital devices that will let users establish and participate in digitally connected communities. This marks the first time that the Korean government has chosen a U.S. university to lead one of its research and development programs.

Project investigators will develop immersive technologies on a hybrid graphics processing unit (GPU)-central processing unit (CPU) platform, which will be created at the newly established KORUS Research Center for Informersive Systems (CIS). The center will be headed by School of Electrical and Computer Engineering Assistant Professor Jongman Kim, based on the GT Savannah campus.

An enabling technology for personalized, interactive media convergence, the platform will consist of a custom-designed massively parallel architecture with a hybrid GPU accelerated many-core and heterogeneous multicore fusion system for new machine learning and multimedia algorithms and

techniques. To balance resources and computationally demanding applications for high performance, Kim and his team are developing new mechanisms.

"The interdependence among speed/throughput, energy and fault-tolerance shows the importance of having this new metric that can identify the best tradeoffs among these three competing traits and desired design goals," said Kim, who leads the computer architecture part of the project.

Plans call for the system to be a smart, updated engine that understands user behavior. Associate Professor Ghassan AlRegib, also in Savannah, leads the multimedia processing and communications portion of the project, where data about home environments, modes of entertainment, and preferences are captured.

"Georgia Tech and ECE have long been world leaders in digital media and its supporting technologies," said Gary S. May, Steve W. Chaddick School Chair of ECE. "The Korean government's decision to ask Georgia Tech to lead this effort further solidifies our international reputation in this arena."

Helping Kim and AlRegib tackle these technical challenges are ECE faculty members Monson H. Hayes III, professor and associate director at GT Savannah; Biing-Hwang "Fred" Juang, Motorola Foundation Chair Professor and Georgia Research Alliance Eminent Scholar; and Associate Professor Sung Kyu Lim. Kim and AlRegib will create undergraduate and graduate courses related to the project, while students at the Atlanta and Savannah campuses will assist with developing technologies and testing prototypes.

### For more information

[www.ece.gatech.edu](http://www.ece.gatech.edu)

## Starting strong Romberg honored with PECASE award

COMMUNICATIONS & MARKETING

School of Electrical and Computer Engineering Assistant Professor Justin Romberg has been named a recipient of the Presidential Early Career Award for Scientists and Engineers (PECASE), the nation's highest honor for professionals at the outset of their independent scientific research careers.

Romberg is among 100 recipients of the award, who were named by President Barack Obama on July 9. The honorees will receive their awards this fall at a White House ceremony.



Justin Romberg

Established in 1996, PECASE honors the most promising researchers in the nation within their fields. Nine federal departments and agencies join together annually to nominate the most meritorious young scientists and engineers-researchers whose early accomplishments show the greatest promise for strengthening America's leadership in science and technology while contributing to the awarding agencies' missions.

"I am truly honored to receive this award," Romberg

said. "I feel blessed for the education and mentoring I received at Rice University and Caltech and for the support that Georgia Tech has given me as a faculty member."

Awarded an Office of Naval Research Young Investigator Award last summer, Romberg was nominated for the PECASE award by the U.S. Department of Defense.

He was one of 27 investigators selected for the ONR Young Investigator Awards last year from a group of more than 200 applicants. Funding for Romberg's ONR award lasts for three years and will fund his project, "Compressive Sampling for Next-Generation Data Acquisition."

Romberg's research focuses on the mathematics of data acquisition. In particular, he is interested in ways in which randomness can actually help in data acquisition, potentially reducing both the cost and the computational complexity of high-resolution sensing systems. This work will influence the design of next-generation analog-to-digital converters, radar imaging platforms and MRI systems.

Romberg becomes the sixth PECASE winner from ECE, joining PECASE alumni Elliot Moore, Ali Adibi, David Anderson, David Citrin and Steve McLaughlin.

### For more information

[www.ece.gatech.edu](http://www.ece.gatech.edu)

## GEORGIA TECH ONLINE



Visit [www.gatech.edu](http://www.gatech.edu) for the latest information involving the campus community. Learn about exciting research at Tech, and read economic reports from Institute experts. **The Georgia Tech homepage** and the **News Room** will

keep you up-to-date regarding the latest stories, events and speakers on campus.

View the latest Institute photos and videos in **Photos@Tech** and **Videos@Tech**, and read the varied voices of Tech's diverse students, faculty and staff featured in **Blogs@Tech**. A host of other resources also are available online, including an updated campus calendar and dedicated faculty and staff resources available within **Tech For You**.

**THE Whistle**  
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Photos: Rob Felt, unless noted

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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](http://www.whistle.gatech.edu).

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

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## Art of research

### Professor's CDC exhibition shows 'Consequential' environmental effects

DAVID TERRASO  
COMMUNICATIONS & MARKETING

Too often, an artistic look at something might focus on the warmth it exudes or the emotion it drives, while a scientific look can be a cold, hard assessment of the facts. Treated together, though, art and science can both persuade us with passionate arguments and increase our understanding of our world.

Carl DiSalvo, assistant professor of Digital Media at the Ivan Allen College of Liberal Arts, and a graduate student generated works where art and science intersect.

The Global Health Odyssey Museum at the Centers for Disease Control and Prevention (CDC) in Atlanta delivers a look at our world in the exhibit "Consequential Matters," on display through Sept. 11. The show consists of the investigations of four Atlanta-based artists of the consequences of urbanization, technology consumption, indulgence and globalization.

"We want to address the audience on an emotional level, an instinctive level," said DiSalvo.

"We asked ourselves how [to] use the skills we have in taking the scientific data and making it more visceral and not hide the emotion and experience that lies behind the data."

The title of DiSalvo's and doctoral candidate Jonathan Lukens' exhibit, "Smog is Democratic," is taken from sociologist Ulrich Beck. The installation looks at particulate matter, the dust and debris that people produce as they wear away at the city, according to the artists. It's comprised of five pieces in all.

"Particulate matter is not just man-made, it's evidence of life," explained DiSalvo. "Life leaves a residue."

To illustrate this, their work "Do you see what I see?" is comprised of 25 images of



"Distribution Over Time 1: Smog Alert Days 2008." This image of Atlanta, divided into 366 slices, shows the Air Quality Index on the bottom and smog alert days on top.

common sources of particulate matter. The images were all taken in the greater Atlanta area.

"We wanted to give people an idea of where this pollution comes from, so we made a list of sources and photographed what we could find," said DiSalvo.

In another piece, "Smog Alert Days 2008," they combined a four-minute video clip of a flyover of Interstate 85 with daily particulate matter measurements of the city of Atlanta.

"We used the data to change the image, so that the image comes to represent the data. Part of the image shows the flyover without any effects. The other half shows an image that gets more distorted as the particulate matter measurement gets higher," said DiSalvo.

Other works in the exhibit juxtapose images of Atlanta with data from the smog alert days so that those alert days appear as holes, either in white or gray in the image. One piece compares that image with an image of a home air filter, giving the viewer an idea of the entire scale of the visible spectrum of pollution.

"We're trying to bring together a scientific approach to the data with an artistic

approach, so that we can creatively interpret this data and address the audience on an emotional level," said DiSalvo.

A separate exhibit in the show is "High Tech Trash," a look at the trade in electronic waste, such as computers, cell phones and hard drives across Asia, Africa, Europe and the United States. The photo essay, by National Geographic photographer Peter Essick, chronicles the workers who mine these discarded products for reusable metals, while exposing themselves to health risks.

"XLounge x 3" by Atlanta sculptor Mark Wentzel has adapted three iconic Eames lounge chairs and ottomans to make a comment on American consumption.

The show can be seen at the CDC's Global Health Odyssey Museum, open from 9 a.m. to 5 p.m. weekdays and 9 a.m. to 7 p.m. on Thursdays. Admission and parking are free.

#### For more information

[www.digitallounge.gatech.edu](http://www.digitallounge.gatech.edu)

[www.iac.gatech.edu](http://www.iac.gatech.edu)

[www.cdc.gov/gcc/exhibit](http://www.cdc.gov/gcc/exhibit)

## EVENTS

certificate program, which consists of several smaller courses, including "Fire Safety" and "Facilities Hazard Training," provides faculty and staff with valuable information in case of a campus emergency.

[www.orgdev.gatech.edu](http://www.orgdev.gatech.edu)

The "Defining Customer Service" certificate program provides campus groups and employees with the foundation for offering exemplary service, to those both on and off the campus. Four required courses and two electives are offered.

[www.orgdev.gatech.edu](http://www.orgdev.gatech.edu)

## MISCELLANEOUS

### August 12

The Office of Organizational Development offers the Brown Bag seminar "Survival Spanish," from 11:30 a.m. to 1 p.m. in room 203 of the Savant building. There is no cost to attend.

[www.orgdev.gatech.edu](http://www.orgdev.gatech.edu)

### September 10

Georgia Tech is forming a team to participate in the Kaiser Permanente Corporate Run/Walk & Fitness Program, 7 p.m. adjacent to Turner Field. Registration is \$25 prior to Aug. 10; \$30 after.

[www.kpcorporaterunwalk.com](http://www.kpcorporaterunwalk.com)

### Ongoing

CATEA (Center for Assistive Technology and Environmental Access) seeks full-time employees with a mobility disability to take part in a telephone interview. Participants will be reimbursed. Call Claire Yang at 385-8589 or e-mail her at [hsiang-yu.yang@coa.gatech.edu](mailto:hsiang-yu.yang@coa.gatech.edu).

For a more comprehensive listing of events updated daily, visit [www.gatech.edu/calendar](http://www.gatech.edu/calendar).

## CLASSIFIEDS

### REAL ESTATE/ ROOMMATES

Room for rent. Partially furnished BR; private bath. Walk-in closet. Fully equipped kitchen; W/D, MW, DW, pool, tennis, grills, screened porch. Close to SPSU, Dobbins, Lockheed Martin, GTRI/Cobb, Cumberland Mall. No smoking or drugs. No cats. Small to medium housebroken dog OK. 1.5 mi to 75/285 interchange N of ATL. Call Mary at 678-596-2825 or [maryruth@gatech.edu](mailto:maryruth@gatech.edu).

1BR garden condo near Emory/Midtown/Buckhead. Furnished, incl. all utilities and basic cable TV. Large balcony overlooking pool area and lush landscaping. Great location at I-85 and Clairmont Rd. Call Rick at 770-366-4174.

For rent: 2BR/1BA bungalow. Near Tech, quiet, well-established intown neighborhood (NW ATL), HW floors, new & efficient HVAC and water heater, gas stove, DW, disposal, alarm system, large deck in fenced back yard, washer/dryer. Pets OK. \$950/mo E-mail [suz2@mindspring.com](mailto:suz2@mindspring.com).

For sale or rent: 4BR/2.5BA Home in Johns Creek. Swim/tennis community, convenient access to highways and shopping. Large floor plan, spacious 2-story foyer and family room. HW on main. Best N. Fulton schools: Wilson Creek Elem., North View High. \$1,600 rent per month. Call 646-620-6829 or e-mail [ajay.khorana@mgt.gatech.edu](mailto:ajay.khorana@mgt.gatech.edu).

For rent: 4BR/2BA house, Densley Dr. in Decatur. LR, DR, fireplace, breakfast and laundry room. HW floors. Carport, patio and back yard, large driveway.

Classifieds continue on page 4

### TOWER, continued from page 1

wants to recognize the outstanding initiatives and share them with the Institute as a whole."

Work will be recognized on the fiscal year schedule. Entries from FY09—July 1, 2008, to June 30, 2009—are due by 5 p.m. on Aug. 28. Multiple entries per category are encouraged, and submission information should be contained to three pages. Submissions can be sent via e-mail, delivered in person or sent through campus mail.

"We modeled the awards after the [Council for the Advancement and Support of Education] CASE Circle of Excellence awards, so it's easy for people to repurpose their entries," Bows said. "We can all learn and improve our own work by creating a program that brings recognition to the excellent work done on campus."

Judges will include individuals from the campus communications community of marketing and communications, as well as local professionals. Winning entries will

be announced Nov. 12 at a reception hosted by Communications & Marketing.

"There is a lot of first-class strategy and work being done here with great—though often unsung—results," said Hope Wilson, director of College Affairs and Communications for the College of Management, and a member of the Gold Tower Awards planning committee. "Participating in the awards program is a way for communications professionals to highlight the talents and contributions of their teams and demonstrate the difference their work makes to the Institute."

Entry forms and further details regarding each category are located on the Gold Tower Awards Web site. Questions can be directed to Marketing Communications Manager Brooke Novak at [brooke.novak@comm.gatech.edu](mailto:brooke.novak@comm.gatech.edu) or at 385-3248.

#### For more information

[www.gatech.edu/goldtowerawards](http://www.gatech.edu/goldtowerawards)

### HONOR ROLL, continued from page 1

Princeton Review for the second consecutive year," said President G.P. "Bud" Peterson. "We were an early adopter of the LEED standard for buildings, and have implemented numerous water conservation efforts resulting in substantial savings. In addition to winning many environmental awards for our efforts on campus, we are working to make a difference throughout the world. For example, the Water Resource Institute is helping to shape local, state and national policy. Georgia Tech is committed to responsible resource management."

Begun in 2007 in conjunction with the nonprofit organization ecoAmerica, the Princeton Review survey grades colleges and universities on three main criteria: whether students have a quality of life that is healthy and sustainable; how well the school is preparing its students for employment and citizenship in a world defined by environmental challenges; and the institution's overall commitment to environmental issues. The survey also posts questions in 10 areas, such as recycling, energy use, food, buildings, academic offerings, and action plans and goals concerning carbon emission reduction.

#### For more information

[www.princetonreview.com/green](http://www.princetonreview.com/green)

[www.gatech.edu/greenbuzz](http://www.gatech.edu/greenbuzz)

## Memories remain

Program honors individuals, fosters greener campus

DAN TREADAWAY  
COMMUNICATIONS & MARKETING

For many years the late Bruce M. Edwards brought his daughter, Jaimie, to campus for tailgating prior to Yellow Jacket football games. The experience was especially meaningful for Edwards, a loyal Tech fan and single parent.

Prior to his death in January at age 59, the Tech alumnus expressed a desire to have a tree on campus named in his memory. Although Edwards died before he could select his tree for naming, his daughter—a specialist in the U.S. Army—came to campus and found the perfect tree, very close to the area where she had tailgated with her father years before.

The story of Edwards and his daughter has inspired the Office of Development, in partnership with Tech's Capital Planning and Space Management Department, to initiate a commemorative tree planting program as part of the Campus Beautification Program. This new effort will allow individuals or groups to fund the planting of a tree to honor, celebrate, commemorate or memorialize living or deceased alumni, family members or friends connected with the Institute, or to commemorate a special event.

To permanently acknowledge those who have been recognized through the program, a bench will be placed near all



A key aspect of the Campus Beautification Program is increasing Tech's tree canopy.

commemorative trees, with the option of a personalized plaque. Donors will be provided with a list of tree and bench types, as well as planting locations, from which to select. A one-time gift is required to fund a commemorative tree and bench, ensuring the ongoing maintenance of both.

"Our Landscape Master Plan provides guidelines for tree replacement and increasing our campus canopy," says Anne Boykin-Smith, master planner in Capital Planning and Space Management. "One main objective is to enlarge the tree canopy coverage of our campus to a minimum of 55 percent. [In 2004 it was 15 percent to 18 percent.] The Campus Beautification Program is one important way that we can replace lost trees and enhance the character of Georgia Tech by providing shade and seasonal color."

### For more information

[www.development.gatech.edu](http://www.development.gatech.edu)

## Stories recounted

Living History program marks its 15th year

Living History Director Marilyn Somers says she wonders where the time has gone. In the midst of recording Tech's history, the program has passed a major milestone, celebrating its 15th anniversary on July 10.

Started in 1994, the Alumni Association department has worked to record Tech's history by interviewing its alumni, retired faculty, staff and friends of Tech. The program has collected more than 740 video interviews—nearly 50 a year. Somers and her team transfer and edit each interview, ready to be placed in the Library and Information Center's SMARTech system. Typically, alumni from classes in their 50th reunion years are interviewed. "I'm working on the class of '59 right now," Somers said. In the queue is the 75th anniversary of the Georgia Tech Research Institute and the Office of Minority Education Development's (OMED) celebration of 105 years of Hispanic graduates.

"To be able to give one's story out is priceless," Somers said. "I have stacks and stacks of letters from widows thankful for their husbands' stories. It's important to have [these]. In every interview, I learn something new."

Although the program has 741 interviews, roughly 156 are ready for SMARTech to post, Somers says, as interviews from those that are still living are not posted. "Tech is always on fast-forward, and it needs to be," she said. "But all in all, it's our history that has brought us here."

### For more information

[gtalumni.org/pages/livinghistory](http://gtalumni.org/pages/livinghistory)

## CLASSIFIEDS

For pics, visit [home.comcast.net/~crtriplett/site/](http://home.comcast.net/~crtriplett/site/). Call Craig at 404-329-0390 or e-mail [CRTriplett@Comcast.net](mailto:CRTriplett@Comcast.net).

4BR/3.5BA town home, located on Colgan Court in Atlanta. Open floor plan, two-car garage, bonus room. HW, SS appliances, custom built-ins, fireplace, 2 private garden decks. \$299,000. Visit [tinyurl.com/lvnqlc](http://tinyurl.com/lvnqlc) for more information.

2BR/1BA refinished historic town house, Argonne Ave. Walking distance to Tech, 15 minutes to CDC and Emory. HW floors, exposed brick, open. Finished attic for office or third BR. Basement, comes with W/D, partially furnished. Back yard w/ patio, garden and fish pond. Visit [natasha-midtowntownhouse.blogspot.com](http://natasha-midtowntownhouse.blogspot.com) for pics. E-mail [natasha2d16@yahoo.com](mailto:natasha2d16@yahoo.com) for more info.

For rent: 3BR/2BA home w/ full basement. Austell Rd. at Milford Church Rd. \$800 mo. (\$800 deposit). No pets, good credit. E-mail Carol at [wcarol2u@aol.com](mailto:wcarol2u@aol.com).

For rent: 2BR/2BA 1,400-sq.-ft. condo. Great room, sunroom, dining room, kitchen, w/d connection, fresh paint and new carpet. Electricity and gas not included. \$1,000 month, \$800 deposit. 2.4 miles from Doraville MARTA station. Call 770-939-0671 or 770-205-0175.

For rent: Large 1BR/1BA loft in South Park Lofts near Cabbagetown/Reynoldstown. Short drive to Tech. HW floors, walk-in closet, large bath, loft area for den/office, w/d incl. Private, fenced back yard, granite countertops, swimming pool, parking space and gated entry. Visit [www.rentfromjoe.com](http://www.rentfromjoe.com) or e-mail [mbumgardner@bigfoot.com](mailto:mbumgardner@bigfoot.com).

For sale: 1BR condo, Peachtree St. and 7th. Close to Tech, MARTA, shops, nightlife, restaurants and Publix. Located in high-rise with 24/7 concierge, clubhouse/gym/pool, 1 parking spot. Skyline views, SS appliances, granite countertops, huge walk-in-closet, washer/dryer. \$189,900. For more info, e-mail [jlmihelich@comcast.net](mailto:jlmihelich@comcast.net).

### FURNITURE/APPLIANCES

Full Serta Pillow Top mattress set. Under 1 y.o. w/ iron headboard, rails and matching bench. Avail. for immediate pick-up. \$500 to 600. Pics avail. Cash, money order or PayPal. Call 404-229-3444 or e-mail [tatianna.mathews@grad.gatech.edu](mailto:tatianna.mathews@grad.gatech.edu) or [tatishell@gmail.com](mailto:tatishell@gmail.com).

Queen-sized Broyhill bedroom set. Incl. headboard, nightstand, dresser, mirror, chest of drawers and Sealy Posturpedic mattress set. \$500. Please call 678-575-3142 or e-mail [ajay.khorana@mgt.gatech.edu](mailto:ajay.khorana@mgt.gatech.edu).

African Dawn living room set, w/ full size couch, love seat, chair (w/ pillows), and ottoman. Like new. Also: five matching animal print pictures, three matching throws, and three matching flower arrangements. \$675. Call 770-907-0865 or e-mail [r4evallic@yahoo.com](mailto:r4evallic@yahoo.com).

Coffee table, 42" diameter glass top with bottom shelf. Great look. Exc. cond. \$325. Antique bronze chandelier: 9 lights, two tiers. 34" diameter/43" tall. Unique. \$599. E-mail [gary.smallwood@dev.gatech.edu](mailto:gary.smallwood@dev.gatech.edu) for pics or more info.

### MISCELLANEOUS

2 large, beautiful cats looking for loving home. Indoors only. Orange tabby male (20lbs) and white female (19 lbs), both altered. For more info e-mail [angie@eas.gatech.edu](mailto:angie@eas.gatech.edu).

Apple G4 Quicksilver 800Mhz PPC. 1.5Ghz RAM, two 80GB HDD. OS X Tiger 10.4, DVD/CD-RW, Airport Wi-Fi, M-Audio 7.1 USB surround card, Keyboard & Mouse, 17" Apple Cinema Display. \$650. For more info, call 404-310-5970 or e-mail [amartin@oit.gatech.edu](mailto:amartin@oit.gatech.edu).

Ads appear and are published for three issues in the order in which they are received. E-mail submissions to [editor@comm.gatech.edu](mailto:editor@comm.gatech.edu).

### POCC, continued from page 1

set up a partnership with them," he said. The group also works to ensure that the level of local services provided for prosthetics care and maintenance is in line with the equipment that is provided. "We request follow-up information from our volunteers to check that everything is operating aboveboard," Kistenberg said.

Old and worn parts are recycled, if possible, or discarded. With every prosthetic, the socket—where the prosthesis connects to the limb—is usually made from plastic or carbon fiber and formed to fit the specific patient. "Older components are recycled, while others have gone to MedShare International for [its] use," Kistenberg said.

The organization currently has three tons in inventory, and another six tons have been sent out. The organization gets its materials from three sources: Individuals donate their unused or old prosthetics, and facilities and manufacturers will donate their overstock.

Kistenberg says that shipments of components have been used by professionals in their visits to clinics in Belize, Honduras, Sudan, Dominican Republic, Guatemala, Nigeria and Mexico. Specialists make requests for



An example of the prosthetic items to be dismantled by POCC members prior to shipping the pieces out.

components, which are patient-specific, according to master's degree student Taavy Miller. "They [will give us] a list asking for [the] specific parts."

Miller is a member of the Promoting Orthotics and Prosthetics (POP) student organization, which has been on campus for three years and has 20 members. The organization works to create "opportunities for service, outreach, education and leadership." During the academic semesters, student volunteers help organize the donations and assist at other events, including the American Academy of Orthotists and Prosthetists, the Amputee Coalition of America, TEAM Buzz and Blaze Sports.

"I always have been interested in the medical or physical therapy field and in international humanitarian work," she said. She says she regularly volunteered at her local children's hospital and the Veterans Health Administration hospitals.

Kistenberg serves as clinical director of Sonrie Ministries Inc. in the Dominican Republic, and works with other clinics in Central America. "I like working with my hands, and I wanted to help people," he said. POCC came about because of his wish to extend that help across international borders. "Anyone can have access to these materials, as long as they meet certain criteria."

Donors have sent POCC

various prosthetic legs and arms and several orthotics. Kistenberg says 80 to 90 percent of the knee joints from the legs are not usable. "We don't have any way to test them," he said, referring to the more advanced models. POCC chooses not to send items to other countries where the technology is completely out of the realm of experience for local practitioners.

Sometimes the more advanced items will be sent for use in educational institutions abroad. At the other end of the spectrum, some items received are real "museum pieces," as Kistenberg describes them.

Overall, through POCC students are able to learn much about the items from their time breaking the objects down. "[With working here], some items we learn about before we go into a specific class," Miller said. "It's really great, from a learning opportunity."

Kistenberg said the organization's main priority is placing the inventory online. Those interested in procuring parts are able to apply either through POCC or the MedShare Web site.

### For more information

[www.ap.gatech.edu](http://www.ap.gatech.edu)

[www.usispo.org/pocc](http://www.usispo.org/pocc)