Tech Awarded $1.6 Million in Innovation Grants

COMMUNICATIONS & MARKETING

Strengthening education in science, technology, engineering and mathematics (STEM) remains a priority in Georgia. With approximately $1.6 million in funding made possible through the Race to the Top program, Georgia Tech is partnering with K-12 schools to address this challenge.

The Institute has a role in three of the five projects approved through the initial round of Innovation Fund grants announced by Georgia Gov. Nathan Deal. The projects were selected from among 70 proposals competing for support of high-impact programs for student success.

Teach for Georgia, a collaborative partnership among Georgia Tech, the Okefenokee Regional Educational Services Agency and the Ware and Dougherty county school districts, is a teacher pipeline program modeled after the successful Teach for America initiative. A $1 million grant will provide funding to recruit Tech STEM majors to teach in underserved rural Georgia school districts. The grant will cover two years of competitive salaries and certification support for participants.

There are many reasons for the shortage of qualified STEM teachers in rural Georgia, according to Donna Llewellyn, director of the Center for the Enhancement of Teaching and Learning. “Teach for Georgia will address two of our primary concerns: the shortage of necessary funds available to hire new teachers and the ability to attract new STEM graduates to these communities,” she added.

A second $270,000 grant will support continued collaboration between Barrow County and Georgia Tech for a novel program that brings higher education instruction to K-12 students via a sophisticated

Robert Snyder, MSE School Co-Chair, Dies at 70

COMMUNICATIONS & MARKETING

Robert L. Snyder, professor and co-chair of the School of Materials Science and Engineering (MSE) at Georgia Tech, died Sept. 1 following a long battle with cancer. He was 70.

In January 2003, Snyder joined MSE and created a new joint program with Peking University, leading to 30 new positions in advanced materials, nanotechnology and bio-enabled materials. Snyder also helped oversee the merger of MSE with the former School of Polymer, Textile and Fiber Engineering.

“He helped lead the School of Materials Science as it grew in numbers and stature to where it is now, recognized as one of the top programs in the nation,” College of Engineering Dean Gary May said. “Bob’s leadership and commitment to engineering education will be sorely missed.”

Snyder’s research focused on the characterization of advanced materials by x-ray diffraction. He studied everything

President Discusses Strategic Plan Progress, Challenges Ahead

COMMUNICATIONS & MARKETING

Last Tuesday, President G. P. “Bud” Peterson delivered his annual Institute address to a standing-room-only crowd at the newly opened G. Wayne Clough Undergraduate Learning Commons and remote audiences at Georgia Tech-Savannah and GT Lorraine via webcast.

“There are hundreds of things that Georgia Tech people are doing day in and day out that contribute to our global presence,” Peterson said as he provided an overview of what the Georgia Tech community has accomplished a year after launching its 25-year strategic plan. “We are a diverse academic community involved in hundreds of programs of study and research, but we...
HR Offers Training Opportunities for Staffers

AMELIA PAVLIK
COMMUNICATIONS & MARKETING

The start of fall semester is a time for new beginnings — which makes it the perfect time for staff members to enroll in one of the many professional development programs offered by Human Resources.

“We are proud that people gain value from the programs,” said Lanous Wright, director of training. “Our programs focus on growing the individual and supporting the Institute’s strategic goal of relentlessly pursuing institutional effectiveness.”

During the last five years, Georgia Tech has averaged 130 graduates of certificate programs and a total of more than 1,300 graduates since the inception of the first certificate program almost a decade ago.

Some of the most frequently attended programs are:

- **Management and Supervisory.** Broadens knowledge and skills essential to successful management and supervision of personnel. Designed for mid- to higher-level managers.
- **Emerging Leaders.** Provides extended career development opportunities for graduates of the Management and Supervisory program.
- **Office Professional.** Focuses on essential interpersonal skills necessary to be successful in the workplace and includes advanced-level training in managing priorities and working with others.
- **Defining Customer Service.** Improves the services the Institute provides by making them faster, friendlier and easier.
- **Information Security.** Provides additional knowledge and skills to secure information technology resources in the campus units.

STEM, continued from page 1

High-definition videoconferencing platform. Known as “Direct to Discovery,” the program has already connected high school classrooms directly to cutting-edge research under the direction of scientists and engineers from Georgia Tech and the Georgia Tech Research Institute.

Georgia Tech will also partner with Georgia State University and Drew Charter School to establish one of the state’s first STEM (science, technology, engineering, arts and mathematics) programs. The initiative involves collaboration with three Georgia Tech units: Center for Education Integrating Science, Mathematics and Computing (CEISMC), the Ford Center and the College of Architecture. CEISMC will also provide professional development for teachers and conduct project evaluation. Georgia Tech will receive approximately $385,000 to support these programs.

SNYDER, continued from page 1

from superconductors to nanomaterials and had a hand in developing some of the first automated diffractometers, a device that is now a staple in any research laboratory.

Students say Snyder made a profound impact on the field and will be remembered fondly.

“I came to Professor Snyder a curious and fresh graduate student, but under his guidance and support, the world has opened up to me, and I have developed into a scientist,” said Ken Beyerlein, Snyder’s former graduate student. “I always went to him when I would run into a wall in my research, and he always had the uncanny ability to immediately identify and directly address the root of a problem.”

He held eight patents, published 300 papers, authored several books and presented thousands of talks around the world. Snyder received his bachelor’s degree in chemistry from Marist College in 1963 and his doctorate in physical chemistry from Fordham University in 1968.

Snyder is survived by his wife of 48 years, Sheila, son Robert, daughter Krissy and two grandchildren. A campus memorial is planned for Oct. 1 in the Gordy Room of the Wardlaw Center.

Tech Names Goizueta Junior Professor

COMMUNICATIONS & MARKETING

In July, Audrey Duarte, an assistant professor in the School of Psychology, became the latest Goizueta Foundation Junior Faculty Rotating Professor.

“For the last decade, Tech has collabo- rated with the Goizueta Foundation to promote diversity and increase opportunities for Hispanic students and faculty members,” said Rafael L. Bras, provost and executive vice president for academic affairs. “Audrey will be an outstanding mentor to our Hispanic students and an effective collaborator with faculty to further these initiatives on campus.”

This three-year professorship is awarded to an outstanding, nontenured faculty member who shows academic promise and has demonstrated leadership in the campus Hispanic community. The funding provided to the recipient is used for academic/research activities and to support activities related to service as a role model for Hispanic students.

“Dr. Duarte’s credentials as a young scholar and her ability to inspire and motivate undergraduate and graduate Hispanic students to strive for excellence made her an excellent candidate for the Goizueta Fellowship,” said Archie Ervin, vice president for Institute Diversity and chair of the Goizueta Early Career Professorship committee.

Duarte will also work closely with Goizueta Chair Professor Carlos Santamaria and Director of Hispanic Programs Jorge Breton to help recruit and mentor Hispanic/Latino students and faculty members.

Amy S. Shirk/ Gateway Media
September Is Emergency Preparedness Month

JENNIFER MATTINGLY
EMERGENCY PREPAREDNESS

A tornado has just ripped through Midtown and the Georgia Tech campus. The electricity has been knocked out and there are people trapped in the rubble, which is everywhere and making it impossible to get anywhere. Would you be prepared?

In September, the Office of Emergency Preparedness aims to provide a range of resources to help members of the Tech community become better prepared for situations just like this. “You never know what might happen,” said Andy Altizer, director of emergency preparedness. “Preparedness is everyone’s responsibility.”

Throughout the month, members of the campus community can learn more about preparedness at the following times:

• Sept. 8: An information booth will be set up at the Student Center from 10 a.m. to 1 p.m. Get tools and resources for emergency planning, and meet the emergency preparedness team.
• Sept. 20: A class titled ‘Identifying Safe Shelter Areas in Your Building’ will be held at 2 p.m. Register at www.training.gatech.edu. Also, an information booth will be set up at the Student Center from 10 a.m. to 1 p.m.
• Sept. 21: A class titled ‘Weather Hazards and Precautions Class’ will be held at 9 a.m. Register at www.training.gatech.edu.

“People who take a little time to make sure they’re prepared are the people that survive during a catastrophic event,” Altizer added. “Even in smaller events, they find themselves better prepared, and possibly less miserable following an event, such as a power outage.”

For more information, email jennifer.matttingly@police.gatech.edu. Also, follow the office on Facebook (www.facebook.com/GEEmergency) and Twitter (www.twitter.com/GTPDalerts).

www.emergencypreparedness.gatech.edu

Chuck’s Famous to Open in September

AMELIA PAYLIK
COMMUNICATIONS & MARKETING

If you have been craving a chicken salad club ever since St. Charles Deli closed its doors months ago, you won’t have to wait much longer to get your fix.

By late September, the sandwich shop hopes to be open in its new location at 68 Fifth St. Just don’t look for a “St. Charles Deli” sign.

“Since our new menu is focusing on classic, well-known American sandwiches, we are re-branding ourselves as Chuck’s Famous,” said Owner Doug Cleary. “Chuck is short for Charles, so the new name made sense.”

Many of the menu items will be the same, but Chuck’s Famous will also feature new items, such as sandwiches from around the country including the muffalatta from New Orleans. Chuck’s will use fresh-baked bread from the Breadgarden, a local artisan bakery, and will slow roast its meat.

For the latest information about Chuck’s, follow the restaurant on Facebook or Twitter (@chuckschuck). Chuck’s will be open Monday through Saturday from 10 a.m. to 9 p.m. http://chucksfamous.com

The Office of Emergency Preparedness conducts exercises throughout the year to test and practice emergency response plans and procedures.

GT:IPS Licensing Program Kicks Off

Lauren MacLanahan, a director with the Georgia Tech Research Corporation, provides instruction on agreements at one of the inaugural Georgia Tech Integrated Program for Startups (GT-IPS) classes in August. To learn more about the streamlined licensing program open to Tech students, faculty and staff, visit the following webpage: http://tinyurl.com/3gxutz9s

REAL ESTATE/ROOMMATES

5BR/2BA traditional home, 2,632 sq. ft., in Tucker. 15 miles to Tech. Updated kitchen, roof, HVAC, paint, windows, master bath, new houses, stone patio fire pit. Walk to Blue Ribbon Elementary school. $275K. MLS# 423504. Call 404-451-6245 to view.

6946 to view.

Dreamweaver CS5 will be offered at 4 p.m. in the Homer Rice Center, Tech Tower. Contact kr47@uga.edu. Room for rent in 2BR/1BA historic home in Downtown. 10-ft. ceilings, concrete floors, massive columns and open space flooded with light from wall-to-wall windows. Furnished with hardwood floors, patio, fireplace. $600/mo., utilities included. Must like cats. Email Brightest1800@gmail.com for info and photos.

www.gatech.edu/calendar.

www.whistle.gatech.edu
Researchers Combine Work with Her Passion

There’s nothing better than finding a way to combine work with a personal passion — and Pinar Keskinocak has managed to make this happen.

“My passion for having real impact in practice through my research has continued since my graduate school days and has shifted from focusing on the for-profit sector toward the health and humanitarian sectors,” said the Joseph C. Mello Professor in the H. Milton Stewart School of Industrial and Systems Engineering (ISyE). “The main motivation for this shift was that I wanted to have more of a direct — or positive — impact on people’s lives.”

While at Georgia Tech, Keskinocak met two other professors, Ozlem Ergun and Julie Swann, who shared this passion for helping others. The three established the Center for Health and Humanitarian Logistics in 2007. In a short time, the center has become a key global player in helping to ensure that disaster relief supplies — food, clean water, and medicine — arrive as quickly and efficiently as possible to those in need.

Through her work as co-director of the center, Keskinocak has collaborated with a number of governmental and nongovernmental organizations, including the American Red Cross, Centers for Disease Control and Prevention, CARE and Children’s Healthcare of Atlanta.

“I consider the establishment of this center and its activities to be the most enjoyable and rewarding of my professional activities,” Keskinocak added.

Recently, The Whistle had an opportunity to learn more about Keskinocak and her time at Tech.

Tell us a little bit about your research.

Recently, my research focus has been in the health and humanitarian sectors. For example, in a joint project with CARE, we looked at pre-positioning emergency supplies with the goal of shortening response times after a disaster.

What do you do to make learning more engaging for students?

I try to use real-world examples. One example of this is a case study that I co-authored that focuses on the distribution of limited resources for indoor residual spray- ing for malaria prevention. We developed an Excel-based classroom game that works in the case study to provide students with a comprehensive modeling exercise, enabling them to apply various methods learned in ISyE classes.

What piece of technology could you not live without as an instructor?

I use email, PowerPoint and have a web page, but I don’t rely too much on technology in the classroom. I still like to use an old-fashioned board coupled with PowerPoint and printed exercises that I distribute.

Best place to grab lunch?

I like to go to Ferst Place with colleagues or students, since it always has something I can eat — I’m a pescatarian, so I eat seafood but no other meat — and it’s an easy walk from my office.

Name a few books you’ve read recently.

“I consider the establishment of this center and its activities to be the most enjoyable and rewarding of my professional activities,” Keskinocak added.

“I have read a few books recently. Three Cups of Tea” by Greg Mortenson, “Little Bee” and “Incendiary” by Chris Cleave and “Pearl of China” by Anchee Min, to name a few. Also, I love to read children’s books recommended by my 9-year old son that he and I can talk about them. Most recently, we read The Artemis Fowl series by Eoin Colfer and the Mysterious Benedict Society series by Trenton Lee Stewart.

If you weren’t in your current line of work, what would you be doing?

Realistically, I’d work for a nonprofit organization or be an executive in a company. In a surreal scenario, I would be a dancer.

For more information on flu vaccinations, visit Stamps Health Services will offer flu vaccines to members of the campus community from 9 a.m. to 3:30 p.m. in the Piedmont Room, Student Center Commons on the following dates (the vaccine clinic will close at 3:30 p.m. on the following dates): Tuesday, Sept. 20; Wednesday, Sept. 21; Thursday, Sept. 22; Friday, Sept. 23; Saturday, Sept. 24; Sunday, Sept. 25; Monday, Sept. 26; Thursday, Oct. 12; Friday, Oct. 13; Saturday, Oct. 14; Sunday, Oct. 15; Monday Oct. 16. There will be no flu shots on Tuesday, Oct. 17 due to an instructor absence. Cash payments will not be accepted, so employees are asked to pay by BuzzCard, credit card or check.

Everyone will be asked to present a BuzzCard when checking in.

For more information on flu vaccinations, visit the following Stamps Health Services webpage:

http://tinyurl.com/3pre2ok