What is Materials Science and Engineering?

First-year Georgia Tech student Rishab Jain is majoring in this discipline and will compete in the Jeopardy! College Championship semifinals this week.

[c.gatech.edu/jain]

Goldbart Headed to UT Austin

Paul Goldbart, dean of the College of Sciences, has been at Georgia Tech since 2011 and has served as dean since 2013. He assumes the new role beginning Aug. 1.

[c.gatech.edu/goldbart]

Georgia Tech’s newest public art piece, Continuing the Conversation, commemorates the contributions of Rosa Parks to the civil rights movement and provides an interactive way to contemplate civil rights today. The sculpture installation began on April 2 and went into the evening hours in Harrison Square. A dedication ceremony took place Thursday, April 5. (Above) Artist Martin Dawe and his team assemble the pieces of granite that make up the sculpture, including three benches and two statues. Learn more about the piece at c.gatech.edu/rosa-parks.

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VICTOR ROGERS
INSTITUTE COMMUNICATIONS

Picture it: You’re on your dream vacation in Sri Lanka when a tsunami warning is announced. You’re not familiar with the surroundings, so what should you do? Call Redpoint to be securely transported to the nearest safe area.

Emergency travel assistance through Redpoint is available to all benefits-eligible Georgia Tech employees and their dependents. It’s a backup plan that has been available since 2014, but you may not have known you already have it. The service, provided through the University System of Georgia (USG)’s group life insurance plan with Minnesota Life, does not require any additional premium or enrollment to ensure coverage.

“Unfortunately, there is no way to prevent unexpected events from occurring while traveling; therefore, having this extra layer of protection at no cost is a benefit in itself,” said Adrian Williams, benefits specialist in Human Resources.

Redpoint’s role is one important factor in a well-planned trip that should include: reviewing your medical insurance coverage, updating your emergency contacts and beneficiaries with Georgia Tech, reading Centers for Disease Control and Prevention health alerts, and enrolling in the U.S. Department of State’s SMART traveler programs for international travel.

“Like most insurance, you hope to never use it but want it to be ready when needed,” Williams said.

No activation is required. All USG benefits-eligible employees traveling for less than 90 days (on either business or personal travel) automatically have basic medical evacuation, repatriation, and security evacuation at no cost.

Coverage includes:
• 24/7/365 emergency assistance and transportation services when traveling 100 or more miles from home.
• Business and personal travel coverage when traveling 100 or more miles from home.

Goldbart Provides Emergency Travel Support

see TRAVEL, page 2
EVENTS

SEMINARS AND LECTURES

April 19
Young-jun Kim, Consul General of the Republic of Korea, Atlanta, will give a lecture and Q&A about The Republic of Korea: Strong Alliance and Economic Partnership with the U.S. from 11 a.m. to noon in Room 102, Stephen C. Hall Building.

April 19
Lance Fortnow, chair of the School of Computer Science, discusses Computer Science in Six-Thirds of a Second: What Happens after Hitting ENTER in a Google Search in a Frontiers in Science lecture. The event will take place from 7:30 to 8:30 p.m. in Room 152, Clough Commons.

April 26
Health and Well-Being hosts the President’s Campus Walk, offering a one-mile route or three-mile route. Registration begins at 11 a.m. to 3 p.m. in Rooms 319 and 320, Student Center.

Healthinitiative@gatech.edu

HEALTH AND WELLNESS

April 25
Human Resources hosts Bank at Work Day from 11 a.m. to 3 p.m. in Rooms 319 and 320, Student Center.

chr.gatech.edu/bowell

April 26
Health and Well-Being hosts the President’s Campus Walk, offering a one-mile route or three-mile route. Registration begins at 11 a.m. to 3 p.m. and the walk begins at 4:30 p.m.

healthinitiatives@gatech.edu

MISCELLANEOUS

April 18
Outstanding students will be recognized at the Student Honors Celebration from 5:15 to 7 p.m. in the Student Center Ballroom.

specialevents@gatech.edu

April 18
A book launch for Fortune's Lament, a new Historical novel by John Creswell, Schumacher Chair Professor in English and Ken Byers Teaching Fellow in Science and Religion, will take place at Barnes and Noble © Georgia Tech at 7 p.m.

creswell.ece.gatech.edu

April 20
The annual Earth Day festival will take place from 10 a.m. to 3 p.m. on Tech Green, Tech Walk, and surrounding areas. The event includes live performances, a clothing swap, office supply exchange, demos, and more.

earthday.gatech.edu

Events continued on page 3

What’s Up, Doc? Meet Gerald ‘Doc’ Hill

VICTOR ROGERS
INSTITUTE COMMUNICATIONS

Anyone asking for “Gerald” is likely to be met with a blank stare. His wife is the only one who calls him that. To everyone else, Gerald Hill is just “Doc,” a nickname that stuck after his younger sister gave it to him when he was just 6.

“I don’t really know where she got ‘Doc,’ but it could have been from Bugs Bunny — ‘What’s up, Doc?’ We watched that a lot,” Hill said.

For 20 years, Hill has been a fixture in Georgia Tech Athletics. After working at GTRI’s Cobb County facility for 14 years, he came to the Tech campus in 1997 to help manage and maintain facilities for volleyball, basketball, and football. Today, he manages a five-person team that takes care of Bobby Dodd Stadium — making sure everything is working and ready for game day.

“The job includes preventative maintenance — from refrigerators and air conditioning in the suites, to making sure all of the lights are working and touching up any scratches on the walls or furniture,” Hill said. “After season, we catch up with the maintenance inside the buildings. If I can repair it, I will.”

Right now, the football locker room is being renovated, so Hill is assisting the crew that is doing the work. Each day, he arrives at work at 5:30 a.m., and he reviews the list of upcoming jobs.

“The day never goes as you plan it,” he said. “It can be frustrating, so you need to prioritize. It’s never dull; there’s always something going on. I’m willing to take on whatever challenge there is,” he said. “Big stuff doesn’t bother me, like flooded buildings or remediation.”

Hill has always worked in some area of construction: roofing, framing, installing lighting, hanging doors, or building sheetrock walls. He didn’t have a formal apprenticeship for carpentry, but he learned as he went along.

“If you work with somebody that has been doing the job for a while, you’ll learn a lot from them just by watching. You don’t have to be hands-on. You can watch how they use miter saws, coping saws, and different tools to form angles on the wood,” he said.

Commitment and Respect

Since working at the stadium, Hill has met a few famous people including rapper-actor Ludacris and singer Elton John. He didn’t meet the Rolling Stones when they performed a few years ago, and he met the Rolling Stones when they performed at Bobby Dodd, but his department helped the crew store their stage equipment. And, last year Hill met the Rolling Stones when they performed at Bobby Dodd, but his department helped the crew store their stage equipment.

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Time Away from Work

Hill was born in Tampa, Florida, into an Air Force family. The family relocated to Gainesville, Florida, and he finished high school there. The family later moved to Marietta, Georgia, and Hill’s dad got a job at Tech working in microelectronics.

Hill met his wife, Carol, in Marietta when he carpooled to work with her brother.

Hill’s commitment has not gone unnoticed. For example, when Tech alumus Jarrett Jack of the New York Knicks was inducted into the Georgia Tech Sports Hall of Fame in 2016, he thanked Hill during his speech:

“To my guy, Doc ... There were many late nights when I would go to the gym and shoot in the dark. I didn’t know how to turn the lights on. I guess Doc heard the ball bouncing, in the dark. I didn’t know how to turn the lights on. I guess Doc heard the ball bouncing, and he would just flick the lights on. I don’t know if he had a mattress set up in the gym or whatever, but Doc was always there. It was those late nights — those nights when I didn’t have to be in there — when I think I separated myself and allowed my game to grow. Doc, I will forever appreciate you for that,” Jack said.

TRAVEL

Travel, from page 1

• domestic or international trips of up to 90 consecutive days per trip.
• Spouse and dependent coverage even in instances where the Georgia Tech employee is not traveling with the spouse or dependent.
• Pre-travel online resources including passport and visa information, security and crime alerts, and political stability alerts.
• Emergency assistance and medical evacuation services include:
  • Medical professional locator services.
  • Assistance replacing lost or stolen luggage.
  • Identity theft assistance when traveling.
  • Telephonic interpretation services.
  • Transportation to home (if appropriate) or to the nearest medical facility.
  • Security evacuation with transportation to the nearest safe area.
  • Repatriation of remains.

For additional insurance options when traveling for business, refer to the Georgia Tech travel insurance information at ohr.gatech.edu.

If you have questions, email Williams at adrian.williams@ohr.gatech.edu.

Spring Football Game

The Yellow Jackets will host their annual spring game on Friday, April 20, at 7 p.m. at Bobby Dodd Stadium. The game is free to attend.

This game will be the first during which the new Clear Bag Policy will be in effect at Bobby Dodd Stadium. To learn more about restrictions, visit c.gatech.edu/clearbag.

“She would have curlers in her hair every morning,” Hill said. He joked with her and said he was going to ask her out so that he could see what she looked like without the curlers.

“I knew she was the one: level-headed, great with finances, and great with kids.”

Carol works in Payroll for Automated Data Processing. She and Doc have two sons: Wesley, 30, and Ryan, 28.

When he isn’t working, Hill enjoys being outdoors — fishing at West Point, Georgia, or hunting deer and turkey in Butts County. He also plays golf with his father-in-law, but not often.

“I’m not that good. If you don’t play, you lose your edge,” he said.

Hill is 61, but he isn’t ready to retire.

“I can’t retire and just sit. If there was work to do, I would work seven days a week,” he said. “I get kind of miserable when I don’t have anything to do!”

Georgia Tech is a unit of the University System of Georgia.
THE MARIUS NANO TECHNOLOGY BUILDING

The Marcus Nanotechnology Building is the headquarters for the Institute of Electronics and Nanotechnology, one of Georgia Tech's Interdisciplinary Research Institutes. The building is also home to the largest cleanroom laboratory dedicated to the fabrication, characterization, and assembly of biomedical and semiconductor devices in the Southeast. The facility is available to Georgia Tech researchers and others at a cost of $20 per hour. See more photos at c.gatech.edu/cleanroom.

(1) The Marcus Nanotechnology Building includes 10,000 square feet of semiconductor cleanroom space for nanoelectronic device fabrication and 5,000 square feet of biological cleanroom space. (2) Devin Brown, senior research engineer, works on the fabrication of high-resolution photomasks, often used in photolithography. (3) Everyone entering the cleanroom must begin in the gowning area to suit up in coveralls, hair nets, hoods, shoe covers, boots, safety goggles, and rubber gloves. (4) This is the view from beneath the cleanroom, showing holes in the floor that aid in air circulation. (5) A reminder to wear gloves and goggles is posted in the cleanroom. (6) Touchscreen monitors help researchers track the progress of their work.
Congratulations, Faculty and Staff Members

The following members of the Tech community were honored at the 2018 Faculty and Staff Honors Luncheon on Wednesday, April 11. See more photos at flickr.com/georgiatech

Classifieds

Georgia Tech
Chapter Sigma Xi Awards

BEST FACULTY PAPER AWARDS
Giacomo H. Paulino
Professor and Reginald Altieri Jones Chair, Civil and Environmental Engineering
Jerry H. Qi
Professor, Mechanical Engineering

YOUNG FACULTY AWARD
Devi Parikh
Assistant Professor, Interactive Computing

SUSTAINED RESEARCH AWARD
Jeffrey Skoracki
Professor; Mary and Martha Gibson Chair, and D’Ani Emerit Scholar, Biological Sciences

Outstanding Achievement in Early Career Research Award
James J. Wray
Associate Professor, Earth and Atmospheric Sciences

Outstanding Achievement in Research Innovation Award
Farokh Ayazi
Ken Byrne Professor, Electrical and Computer Engineering

Outstanding Doctoral Thesis Advisor Award
Atalay Atasu
Associate Professor and Dean Faculty Professor, Scheller College of Business
L. Beri Tolkay
ADVANCE Professor and Family Chair Professor, Scheller College of Business

Outstanding Faculty Research Author Award
Laura Cadogan
Professor, Physics

Outstanding Achievement in Research Program Development Award
Rhamnousia
Manos Antonakakis
Professor, Electrical and Computer Engineering
David S. Dagon
Research Engineer II, Electrical and Computer Engineering
Michael Farrel
Chief Strategist, CIPHER Laboratory, Georgia Tech Research Institute

ANAK Award
Jenna Jordan
Assistant Professor, International Affairs

Staff Institute Awards
CREATING THE NEXT AWARD
Erica A. Thomas
Facilities Contracting Officer, Facilities

LEADERSHIP IN ACTION AWARD
Angela L. Hicks
Assistant Director, Financial Operations, Mechanical Engineering

PARTNERSHIP AWARD
Jeremy R. Gray
Associate Registrar, Registrar’s Office

PROGRESS INFORMED EXCELLENCE AWARD
Application Review: Re-Imagined Office of Undergraduate Admission
Rick A. Clark
Director

ASHLEY N. BROOKSHIRE
Senior Admission Counselor
Mikala Bush
Admissions Advisor I

Laura D. Flores Cervantes
Admission Advisor II
Kathryn B. Fausmaege
Senior Associate Director
Katly Beth Lockwood
Assistant Director, Campus Visits
Eduardo Mares-Rios
Senior Admission Counselor
Kate R. Matti
Senior Admission Counselor
Meredit E. Ray
Associate Director, Guest Experience
Sara Riggs
Assistant Bush
Coya A. Roseberry
Admissions Advisor II
Sally L. Rose-Sinclair
Administrative Professional II
Lauren A. Simmons
Academic Program Manager
Jade A. Sims
Senior Admission Advisor
Larry O. Stokes
Admissions Information Systems Coordinator II

Karen L. Taylor
Admissions Advisor III
Kathryn L. Tucker
Admissions Advisor
Kathleen M. Voss
Senior Admission Counselor
Mary Tipton H. Woolley
Associate Director, Access

RISING WRECK AWARD
Bethany G. Schuster
Communications Officer I, Georgia Tech Human Resources

SERVICE TO THE COMMUNITY AWARD
Maria Lourdes Suarez
Assistant Professor, International Affairs

President G.P. “Bud” Peterson talks with attendees at the annual luncheon on April 11.

SPIRIT OF GEORGIA TECH AWARDS
Leslie A. Hall
Human Resources Data and Systems Analyst Lead, Georgia Tech Human Resources

Atra H. Rochester
Corporate Relations Manager, Institute Diversity
Pamela S. Ruffin
Director, Human Resources, College of Computing
Kerry A. Walsart
Assistant Director, Office of Special Scholarships, Enrollment Services

Laci L. Weeden
Director, Parent and Family Programs, Student Life

EXCELLENCE AWARD
Aby L. Parsons
Director, LGBTQIA Resource Center, Student Life

CTL Awards
CURRICULUM INNOVATION AWARD
David A. Journer
Senior Research Associate, College of Computing

UNDERGRADUATE EDUCATOR AWARDS
S. Balakrishna Pai
Academic Professional, Biomedical Sciences

Christopher M. Starczonek
Lecturer, Psychology

GEORGEY G. EICHOLZ FACULTY TEACHING AWARDS
Dong Qin
Associate Professor, Materials Science and Engineering

Teresa K. Snow
Senior Academic Professional, Biological Sciences

CTL/BP JUNIOR FACULTY TEACHING EXCELLENCE AWARD
Morris B. Cohen
Assistant Professor, Electrical and Computer Engineering
Joshua P. Kacher
Assistant Professor, Materials Science and Engineering
Gabriel A. Kwong
Assistant Professor, Biomedical Engineering

Undergraduate Graduate Academic Advising Award
Jacqueline D. Trapper
Academic Advising Manager, Electrical and Computer Engineering

Oustanding Undergraduate Academic Advising Staff Advisor Award
Leslie R. Ross
Academic Program Manager, Public Policy

International Initiatives Award
STEVEN A. DENNING FACULTY AWARD FOR GLOBAL ENGAGEMENT
Han Zhang
Stevens & Leeberry Professor, Scheller College of Business

Faculty Honors Committee Awards
OUTSTANDING RESEARCH EDUCATION MINOR AWARDS
Patricia A. Vela
Associate Professor, Electrical and Computer Engineering
Adhuggaeye K. Oyelere
Assistant Professor, Chemistry and Biochemistry

OUTSTANDING PROFESSIONAL EDUCATION AWARD
Pinar Keskinocak
ADVANCE Professor and William G. Carey Professor and Professor, Industrial and Systems Engineering

ADVISOR AWARD
Joanne M. W. Eng
Associate Registrar, Registrar’s Office

SERVE-LEARN-SUSTAIN AWARD
D. Joshua Parris
Graduate Research Assistant, Biological Sciences

Jennifer Jones
Chemistry Teacher, Redfield County High School

INNOVATION AND EXCELLENCE IN LABORATORY INSTRUCTION AWARD
Victor Breedveld
Associate Chair, Chemical and Biomolecular Engineering

INNOVATION IN CO-CURRICULAR EDUCATION AWARD
Kim M. Cobb
ADVANCE Professor and Georgia Power Chair, Earth and Atmospheric Sciences

L. Beri Tolkay
ADVANCE Professor and Family Chair Professor, Scheller College of Business

FACULTY AWARD FOR ACADEMIC OUTREACH
Flavio H. Fenton
Associate Professor, Physics

RAQUEL L. LIEBERMAN
Associate Professor, Chemistry and Biochemistry

Class of 1934 Outstanding Francis Prentice Award
Joseph L.A. Hughes
Professor, Electrical and Computer Engineering

CLASS OF 1934 OUTSTANDING INTERDISCIPLINARY ACTIVITIES AWARD
Valerie M. Thomas
Audience Interact Professor, Industrial Systems and Engineering and Public Policy

CLASS OF 1940 W. ROAME BEARD OUTSTANDING TEACHER AWARD
Shana C. Kern
Academic Professional, Biological Sciences

CLASS OF 1940 W. HOWARD ECTOR OUTSTANDING TEACHER AWARD
Aaron D. Lanterman
Professor, Electrical and Computer Engineering

Class of 1934 Distinguished Professor Award
Seth R. Marder
Regents Professor and Georgia Power Chair, Chemistry and Biochemistry

VEHICLES


For sale: 2019 Lincoln MKZ. Silver w/ leather interior. 90K miles, excellent condition inside and out. Well-maintained. Includes both keys, brand new spare tire. Lots of upgrades. $9,500. Call 708-878-6730

REAL ESTATE/ROOMMATES

One or two rooms for rent in East Cobb. Each w/ its own bathroom. Shared kitchen facilities. $450 for one room or $850 for both. Email boktoly@hotlink.com

Don’t wait any longer to plan your beach vacation. Custom designed beach house in beautiful Seagrove Beach, Florida, along Scenic 30A. Sleeps 8; no pets; no smoking; convenient to everything; Georgia Tech discount. See listing at: www.VRBO.com/581301

For rent: 1BR/1BA apartment in Home Park, duplex residence, available April 1. Includes water/dryer, off-street parking, security system, A/C, ample storage, $975/mo. Contact 404-512-4618.

For rent: 3BR/2BA house in Home Park, Located near Georgia Tech. Close to food markets, restaurants, entertainment, shopping, public transit. $2,500/mo. Includes off-street parking for up to four cars. Contact 770-713-1122 or paul_fortson@yahoo.com, View listing at http://bit.ly/2Yi3Q6Q

MISCELLANEOUS

For sale: Simmons Beautyrest “Firm” full mattress and Tempur-Pedic Premier Adjustable Frame (w/ warranty). 18 months old. Orig. $3,600, selling for $1,800 OBO. Contact pamgavos@hotmail.com

Looking for a carpool partner for the daily commute from East Cobb to Tech campus. Email boktoly@hotlink.com

Researchers in the School of Interactive Computing and Institute for People and Technology seeking parents of children ages 1 to 5 years old for a study using an e-book to track development. Learn more at c.gatech.edu/ambokstud.

Free yellow jacket nest removal. Need to be used for research in the School of Biology. Call 404-386-6311 or e-mail michael.goodisman@biology.gatech.edu

Flickr.com/georgiatech