



THE WHISTLE

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Snow blanketed the campus in December 2017.

Photo by Rob Felt

Preparing for Winter Weather

STEVEN GAGLIANO
INSTITUTE COMMUNICATIONS

After recent frigid temperatures, now is the time to make sure you're prepared for what Mother Nature may have in store this winter.

The Office of Emergency Management recommends that you build an emergency kit, as well as take initial precautions prior to the arrival of a severe weather situation. This should include:

At Home

Maintain Your Home

- Insulate pipes and let water drip.
- Bring plants and pets indoors.
- Know how to turn off water valves.
- Know how to use electrical panel.
- Have furnace cleaned and maintained. Change filters regularly.

- Remove dead tree branches.
- Clean gutters.
- Have chimneys inspected.
- Install storm windows or place plastic on inside of windows.
- Repair roof leaks.
- Test smoke and carbon monoxide detectors.

Prepare a Home-Ready Kit

- Rock salt or ice melt.
- Sand or non-clumping cat litter.
- Wood for fireplace or woodburning stove.
- Snow shovel.
- Alternate cooking source, such as a butane stove.
- NOAA weather radio, as well as a weather radio cellphone app.
- Non-perishable foods.

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Building the Beloved Community: Annual MLK Celebration Events Begin This Week

TAMMY PARRETT
INSTITUTE DIVERSITY

Georgia Tech will kick off its annual Martin Luther King Jr. Celebration with events honoring King's life and legacy throughout the month of January, including the 12th annual Martin Luther King, Jr. lecture, featuring *New York Times* bestselling author and chair of the department of African American studies at Princeton University, Eddie Glaude Jr.



Eddie Glaude Jr.

Each year, the Institute partners with the Martin Luther King Jr. Center for Nonviolent Social Change to expand access to events and programming happening on

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campus and in the greater Atlanta community. This year, Georgia Tech's theme is "Cultivating Action: Working Together to Achieve a Beloved Community."

The King Center's theme for 2023's commemoration is "It Starts with Me: Cultivating a Beloved Community Mindset to Transform Unjust Systems."

The Georgia Tech community is invited to participate in other events and programs such as the annual MLK Day of Service and the MLK "Sunday" Supper on Jan. 16 and the MLK Student Celebration on Jan. 19. Student Diversity Programs will also host an event on Jan. 29 with Robert Ratonyi, who survived the Holocaust as a child in Hungary.

For more information about Georgia Tech's MLK Celebration or to register for events, visit diversity.gatech.edu/mlk-celebration.

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- Medicine.
- Baby supplies, if applicable.
- Drinking water.
- Flashlights.
- Sleeping bag.
- Extra batteries.
- Fire extinguisher.

In the Car**Maintain Your Car**

- Check and monitor all systems.
- Make sure fluids are topped off, including antifreeze, brake fluid, and wiper fluid.
- Oil — appropriate heavier gauge.
- Battery, brakes, exhaust system, heater/defroster,

lights, thermostat, wipers.

- Tires — adequate treads.
- Keep basic tools in car.

Prepare a Car-Ready Kit

- Food and water.
- Medicine.
- Blankets and warm clothes, including hat and gloves.
- Phone charger.
- Sturdy shoes.
- Small shovel.
- Ice scraper.
- Cat litter, sand, or ice melt.
- Flashlight.
- Battery-powered radio.
- Extra batteries.
- Tow rope or chain.
- Emergency flare/distress flag.
- First-aid kit with pocketknife.

FACULTY AND STAFF ACHIEVEMENTS

Yong Kwon Cho,

professor in the School of Civil and Environmental Engineering, has been selected as the recipient of the 2022 Tucker-Hasegawa Award by the International Association for Automation and Robotics in Construction. Cho was honored for his contributions to research in robotic operations as well as the education of future researchers and engineers in construction automation and robotics.



junior faculty who exemplify the creative use and development of mechanics.

Gabe Kwong, associate professor in the Wallace H. Coulter Department of Biomedical Engineering, has earned a 2022 Director's Pioneer Award from the National Institutes of Health. The Pioneer Awards support highly creative researchers with potentially transformative ideas.

**Jeffrey Markowitz**,

associate chair for faculty development in the Wallace H. Coulter Department of Biomedical Engineering, earned a 2022 Packard Fellowship for Science and Engineering. The Packard Fellowships are among the most prestigious grants for young faculty members, awarded to some of the most innovative

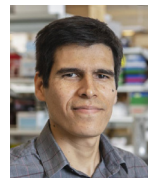


early career scientists in the nation.

The American Institute of Aeronautics and Astronautics announced that **Suresh Menon**, Hightower Professor in the Daniel Guggenheim School of Aerospace Engineering, has been named a recipient of the 2023 American Institute of Aeronautics and Astronautics Propellants & Combustion Award.



The National Institutes of Health has awarded a 2022 New Innovator Award to **Felipe Garcia Quiroz**, assistant professor in the Wallace H. Coulter Department of Biomedical Engineering, for his innovative molecular approaches to monitoring clumps of proteins associated with neurodegenerative diseases.



BRAVE, BOLD, AND A LITTLE COLD



Photos by Allison Carter, Joya Chapman, and Rob Felt

Georgia Tech welcomed more than 5,600 new graduates to its alumni community on Dec. 16 and 17. Despite cooler temperatures, graduates celebrated during three ceremonies at Bobby Dodd Stadium and at the President's Graduation Celebration at the Exhibition Hall.



In Memoriam

Kristie Macrakis

To know Professor Kristie Macrakis was to know her work. A lover of all things spycraft, espionage, and counterintelligence, Macrakis turned her passion into her life's study — sharing it with colleagues, students, and the wider world in an impressive oeuvre of books, presentations, courses, and more. Her forthcoming books, *Espionage* and *Nothing Is Beyond Our Reach: America's Techno-Spy Empire*, are slated to be released this spring.

Macrakis died in late November following a brief illness, leaving behind an indelible legacy as a researcher, educator, and colleague.

Kate Pride Brown, an associate professor in the School of History and Sociology, said Macrakis was “strong-willed, tough-minded, ambitious, and passionately devoted to her scholarship.” She also was dedicated to her students and colleagues.

“When she found out that I was teaching in the Pacific Program, which she had done before, she was so ridiculously happy for me,” Brown said. “She was almost giddy in sharing advice and making suggestions for how to organize a course abroad, and wanted to hear all about it when I returned. I appreciated her enthusiasm for my own opportunities.”

Associate Professor Laura Bier echoed this sentiment, saying Macrakis was an outspoken voice for faculty

governance and not afraid to ask the hard questions.

“She was also generous in her feedback on research in progress,” Bier said. “I presented a talk on my work in progress and, although I am in a very different field, she wrote a whole page of comments and invited me to talk to her further if I had any questions.”

Mario Bianchini, who completed his doctorate in 2022 under Macrakis's tutelage, warmly remembers her support.

“If she felt like I was in jeopardy in any way she would be extremely protective of me,” he said. Bianchini was involved in a serious bike accident while he was working on his Ph.D., but “she made sure that I was still supported,” he said. “Any moment where that needed to be done, she would do it.”

Over the course of her career, Macrakis' writing appeared in publications such as *Newsweek*, *Nature*, *Science*, and *American Scientist*. She made dozens of media appearances, including interviews on the History Channel, Science Friday, NPR, and

the Smithsonian Channel. She also spoke about her work at prestigious venues such as the Harvard Club, the International Spy Museum, and the Carter Center. In addition, Macrakis was a Sigma Xi Distinguished Lecturer, completed fellowships at the Institute for Advanced Study, Princeton University, Fulbright, and the Wilson Center, and received grants from the National Science Foundation and the Humboldt Foundation.

Outside of Georgia Tech, Macrakis loved the mountains and had a cabin in Blue Ridge where she wrote many of her books. She also was a music lover who played the drums and piano and even hosted a jazz radio show in college. In our call for submissions for the IAC Faculty playlist, Macrakis said her favorite song was “Round Midnight” by Thelonious Monk.

“I include it as my number one because my favorites change a lot, but this has been a constant since I was a teenager,” she said.

Macrakis' life and work touched many, and she will be dearly missed by the Ivan Allen College and Georgia Tech community.



Kristie Macrakis

The passing of someone we know affects us all in different and occasionally surprising ways. Sometimes it is helpful to process those reactions with experienced listeners. The Institute has a number of resources available at mentalhealth.gatech.edu and hwb.gatech.edu/eap.

Georgia Tech Archives Portal Transitions to Library Digital Repository

Looking for photos of campus and Georgia Tech history? Access to archival images from the Georgia Tech Archives Portal site recently transitioned to the Library's digital repository. You can now discover archival images, Georgia Tech scholarship, and more unique collections all in one place. Access the collection at smartech.gatech.edu, and select the University Archives collection.

