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**GTRI Signal**  
MONTHLY RESEARCH NEWSLETTER

**GT** Georgia Tech.  
Research Institute

## MAY RESEARCH NEWS

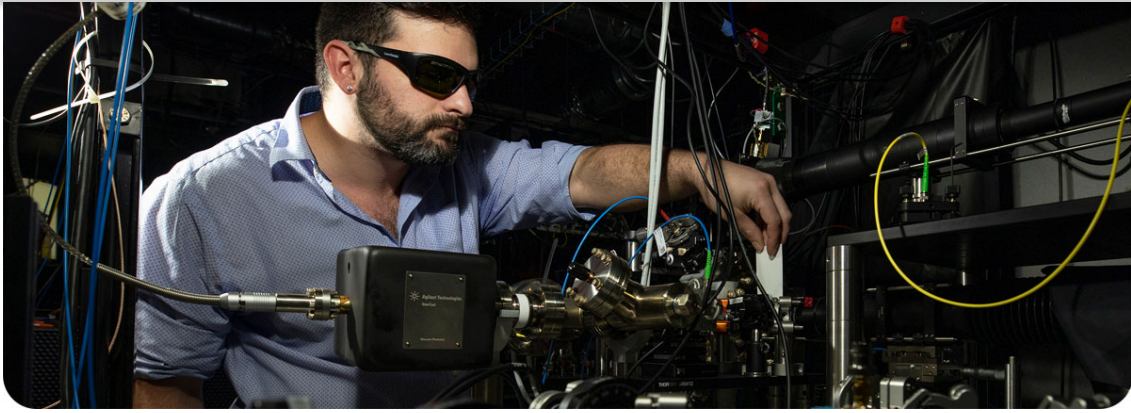
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### [Your Next Personal Assistant Could be a Drone](#)

Imagine you're a college student cramming for a test in your dorm room. What if there was a way to have school supplies and food delivered right to your dorm – not by car or foot, but by drone?

[Full Story](#)



## [Quantum, Classical Computing Combine to Tackle Tough Optimization Problems](#)

A research team led by the Georgia Tech Research Institute (GTRI) was recently selected for second-phase funding of a \$9.2 million project aimed at demonstrating a hybrid computing system that will combine the advantages of classical computing with those of quantum computing to tackle some of the world's most difficult optimization problems.

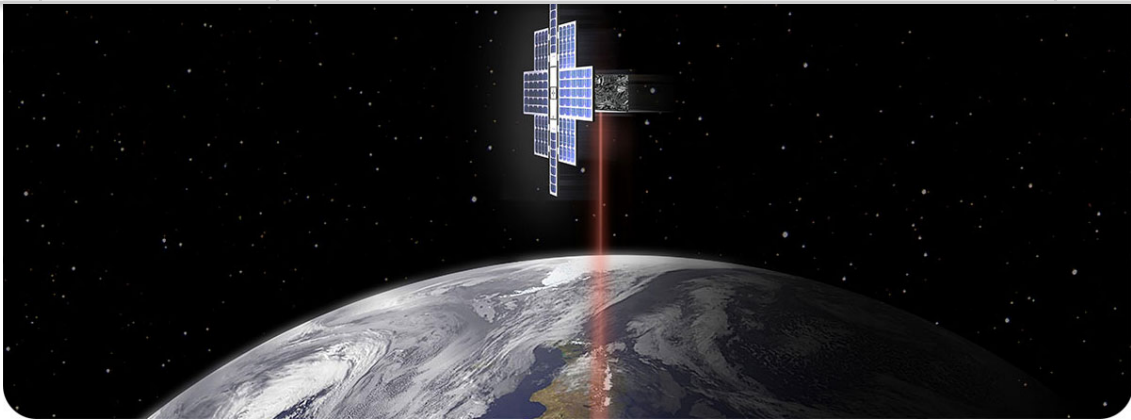
[Full Story](#)



## [GTRI's Cobb County Impact Showcased to Military Support Organization](#)

One of Cobb County's best-kept secrets was recently unveiled in a big way for a group of county leaders with interests in military matters. While GTRI's role in supporting the U.S. Department of Defense (DoD) isn't officially a secret, the diversity and impact of the activity isn't so well known in the county.

[Full Story](#)



## [Lunar Flashlight Will Search for Possible Water Sources on the Moon](#)

When thirsty residents of a permanent community on the Moon take a swig of fresh water brought in from the lunar south pole, they'll be enjoying the benefits of a 30-pound spacecraft known as the Lunar Flashlight that was assembled and tested at the Georgia Institute of Technology (Georgia Tech).

[Full Story](#)



## [Tonga Volcanic Blast Sent Pressure Waves Across Georgia, Instruments Show](#)

Eleven hours after a massive volcanic explosion rocked the Pacific Island nation of Tonga, sound waves from the blast rolled over the state of Georgia – though not many people beyond John Trostel may have noticed.

[Full Story](#)

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### **Meet William H. Robinson**

On April 18, Robinson joined GTRI as its new Deputy Director for Research for the Information and Cyber Sciences Directorate (ICSD). Robinson also holds a faculty appointment as Full Professor in Georgia Tech's School of Electrical and Computer Engineering (ECE), where he earned an M.S. in Electrical Engineering in 1998 and a Ph.D. in Electrical and Computer Engineering in 2003.

[Full Story](#)

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## GTRI PEOPLE



### **Celebrating Inclusive Excellence: Sarah Cockrell Educates and Inspires Others to Overcome Intersectionality.**

After one becomes an employee at GTRI (or anywhere), one of their most pervasive problems is how to become a better employee.

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## GTRI IN THE NEWS

[Are Robots Taking Our Jobs? Some Say They Are Making Life Easier \(WSB-TV\)](#)

[Combining the Advantages of Classical Computing with Quantum Computing to Tackle Optimization Problems \(AZoQuantum\)](#)

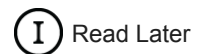
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## FEATURED VIDEO



For more research news and features, please visit our [2021 Annual Report](#).

GTRI is hiring. Learn more at [GTRI.gatech.edu/careers](https://GTRI.gatech.edu/careers)



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