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MONTHLY RESEARCH NEWSLETTER

GT Georgia Tech.
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AUGUST RESEARCH NEWS

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[3D Study of “Gigantic Jet” Provides New Insights into Upward Lightning Bursts](#)

A detailed 3D study of a massive electrical discharge that rose 50 miles into space above an Oklahoma thunderstorm has provided new information about an elusive atmospheric phenomenon known as gigantic jets.

[Full Story](#)



[GTRI Uses AR and Line-of-Sight Calculations to Outsmart the Enemy](#)

As adversaries get stealthier on the battlefield, the need for warfighters to remain vigilant against potential attacks and to indicate safe routes for troop movements that minimize exposure to and observation by the enemy are crucial.

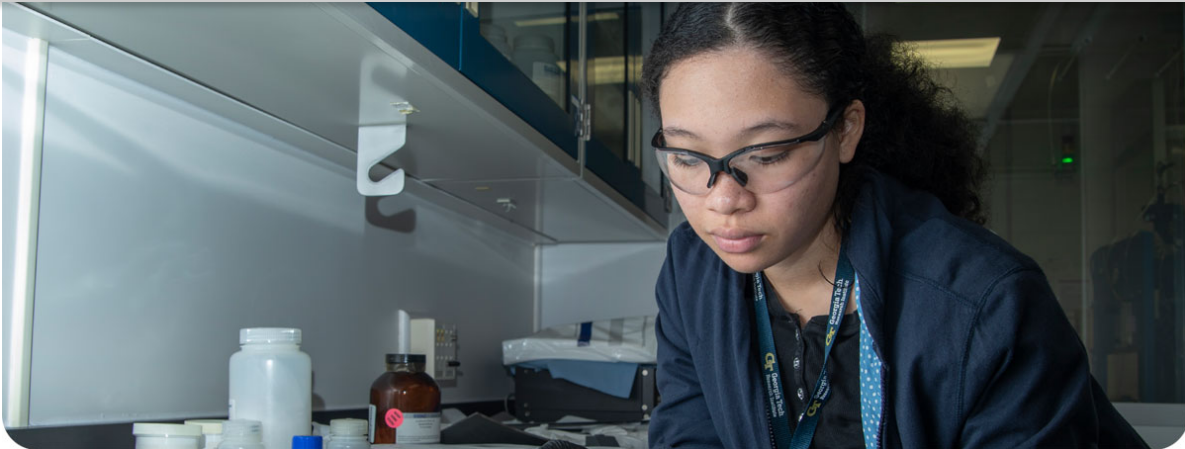
[Full Story](#)



[PNT Chain Technique Could Help UAVs Navigate in a GPS-Denied World](#)

GPS signals are critical to military navigation, but these GPS navigation systems are susceptible to disruption by adversaries. GTRI is developing a collaborative and distributed system that would allow autonomous UAVs to share position, navigation, and timing data in real-time.

[Full Story](#)



[Georgia High Schoolers Gain Real-World STEM Experience at GTRI's Summer Internship Program](#)

A poultry processing robot and a facial recognition device were just two of the many projects that high school students from across Georgia worked on during GTRI's annual summer internship program.

[Full Story](#)

Georgia Tech Research **PODCAST**



[Episode14: IRADS](#)

In this episode, host Chelsea Selby talks to Mark S. Whorton, Ph.D., GTRI's Chief Technology Officer, about GTRI's Independent Research and Development (IRAD) program.

[Full Story](#)



FACES of RESEARCH

[Meet Jud Ready](#)

Jud Ready leads the Nano group, is deputy director of innovation initiatives at Georgia Tech's Institute for Materials (IMat), and is an adjunct professor in the School of Materials Science & Engineering.

[Full Story](#)

GTRI IN THE NEWS

[‘Gigantic jet’ lightning is a mystery. These researchers are solving it.](#)

(The Washington Post)

[Angry Kitten electronic attack pod bares its claws during Air Force tests](#)

(BreakingDefense)

[Scientists Investigate Upside-Down Lightning Bolt That Touched the Edge of Space](#)

(CNET News)

["Gigantic jet" lightning blasts record-breaking bolt upwards into space](#)

(New Atlas)

[Scientists Are Investigating Gigantic Energy ‘Jets’ That Shoot Up to Space](#)

(Vice Motherboard)

FEATURED VIDEO



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