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**GTRI Signal**  
MONTHLY RESEARCH NEWSLETTER

**GT** Georgia Tech.  
Research Institute

## JULY RESEARCH NEWS

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### [David Picinich's Career Comes Full Circle with New "Top Gun" Film](#)

For GTRI Senior Research Scientist David "Pearl" Picinich, the debut of "Top Gun: Maverick" marks a nostalgic close to an action-packed chapter in his life story.

[Full Story](#)



## [Project Improves Cybersecurity of Global Ship-Tracking System](#)

Cybersecurity improvements developed by the Georgia Tech Research Institute (GTRI) in collaboration with the U.S. Navy could soon help bolster protection for the Automated Identification System (AIS), which is used to track and identify commercial and military ships around the world.

[Full Story](#)



## [New Initiative Evaluates Fidelity of Simulations Used in Training](#)

Virtual reality (VR)-based simulation systems have become a crucial training tool across a wide range of mission areas within the U.S. Department of Defense (DoD). Unfortunately, a lack of standardization for defining different levels of simulation fidelity presents a significant challenge for developing, purchasing, and evaluating the effectiveness of these systems.



# Georgia Tech Research PODCAST



## [Georgia Tech Podcast: The Lunar Flashlight](#)

In this episode of the Georgia Tech Research Podcast, host Scott McAtee talks to Glenn Lightsey, Ph.D., of Georgia Tech, and GTRI's Jud Ready, Ph.D., about their collaboration efforts on the Lunar Flashlight, a CubeSat that will be launched into space with a mission to map water and ice deposits on the moon's surface.

[Full Story](#)

## FEATURED STORY



## [GTRI Makes STEM Accessible for Students in Smyrna, Ga.](#)

Volunteers from the Georgia Tech Research Institute (GTRI) showed the local



[Full Story](#)

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## GTRI PEOPLE



### **Faces of Research: Meet Leigh F. McCook**

This installment of the Faces of Research Q&A series is with Leigh F. McCook, IPaT's interim executive director. The [Institute for People and Technology](#), or IPaT, is one of Georgia Tech's 10 interdisciplinary research institutes (IRIs). It brings together researchers from across Georgia Tech to support world-class research, engage students, and collaborate with industry, government, and nonprofit partners.

[Full Story](#)

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## GTRI IN THE NEWS

[“Hacking” Solutions for Pressing Cybersecurity Challenges \(Homeland Security News Wire\)](#)

[DARPA Probing Quantum Computing Capabilities \(National Defense\)](#)

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GTRI Director Jim Hudgens introduces our 2020-2030 Strategic Plan

For more research news and features, please visit the [GTRI Newsroom](#)

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



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