

# BANG FOR YOUR BUCK:

A 30 to 1 Return on the State Investment



Georgia Tech  Research Institute

Problem. Solved.

# GEORGIA LEADERS HAD FORESIGHT

Nearly eight decades ago, Georgia Legislators and Regents took an enterprising step by founding the State Engineering Experiment Station – known today as the Georgia Tech Research Institute (GTRI).

The initial \$5,000 state investment has helped build an economic development engine that today has an annual impact of more than \$500 million for Georgia.

Through those eight decades, GTRI's fundamental mission has remained true: world-class experts conducting real-world research solving some of the toughest problems facing government and industry.

## A SMALL STATE INVESTMENT THAT KEEPS PAYING OFF ...



**30**  
dollars

The amount generated by GTRI for every dollar provided by Georgia



**\$205**  
million

GTRI research revenue in FY10



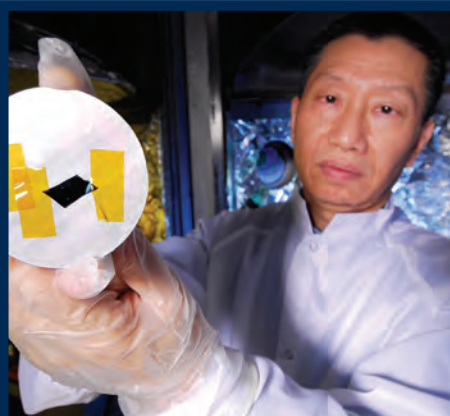
**\$500**  
million

GTRI annual economic impact on Georgia



nearly  
**1,600**

Total GTRI Employees - most living and working in Georgia.



**300+**

New GTRI employees in the past two years, almost all are Georgia taxpayers paid with non-state funds

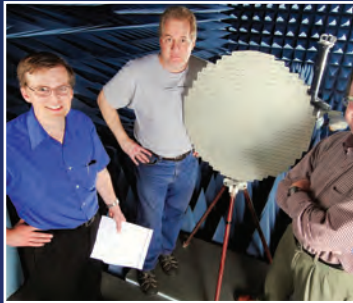


**330+**  
students

Work at GTRI annually, each receiving real-world experience that prepares them to enter Georgia's workforce

# GTRI HAS STATEWIDE IMPACT

In 2010, GTRI health and safety experts conducted 101 public courses and 70 training sessions attended by more than 17,000 people. The program has reached more than 250 Georgia companies, helping protect more than 14,000 workers from hazardous conditions.



In operation since 1977, GTRI's Environmental Radiation Center has performed research, testing, and student training in radiological monitoring of the environment. The laboratory tests more than a thousand samples per year for safe Georgia drinking water compliance.

GTRI experts helped improve the skills of more than 17,500 industry and government personnel through Georgia Tech's continuing education programs. In 2009, this included 315 separate courses on defense technology and occupational safety/health.

Foundations for the Future (F3) has worked with Georgia's K-12 schools in supporting technology-enabled learning since 1996. F3 provides vendor-neutral technology advising, customized professional development experiences for educators, and other services that directly affect learning in the classroom.

For more than 17 years, GTRI has helped keep Georgia's air clean through the use of remote sensing technology to study vehicle emissions and air quality in 21 metro Atlanta counties, plus four counties in Macon and Augusta.



The Severe Storms Research Center (SSRC) was established at GTRI with funding from the Georgia Emergency Management Agency (GEMA) and the Federal Emergency Management Agency (FEMA). Today, SSRC is actively developing better ways to detect and forecast severe local storms, while improving existing storm prediction and sensor technologies.



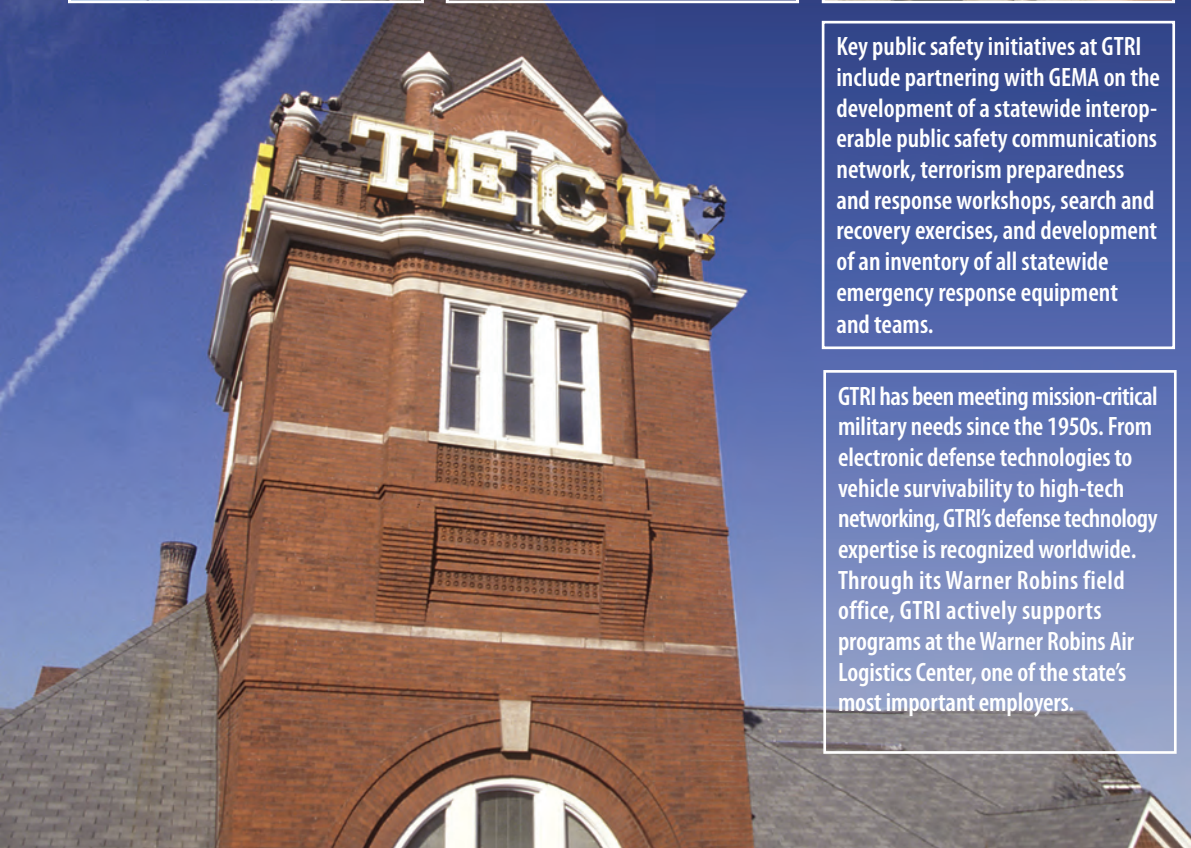
The Office of Policy Analysis and Research (OPAR) supports the Georgia General Assembly with policy analysis and subject matter expertise in a wide range of science and technology issues. OPAR aims to stimulate dialogue between technologists and policymakers to shape public policy regarding science and technology.

Key public safety initiatives at GTRI include partnering with GEMA on the development of a statewide interoperable public safety communications network, terrorism preparedness and response workshops, search and recovery exercises, and development of an inventory of all statewide emergency response equipment and teams.

GTRI chairs the Georgia Geospatial Advisory Council, which has conducted a statewide audit of geospatial capabilities at county, regional and state levels to achieve governmental data interoperability and enhanced delivery of services to Georgia citizens. This effort is overseen by the Georgia Environmental Protection Division.

GTRI has been meeting mission-critical military needs since the 1950s. From electronic defense technologies to vehicle survivability to high-tech networking, GTRI's defense technology expertise is recognized worldwide. Through its Warner Robins field office, GTRI actively supports programs at the Warner Robins Air Logistics Center, one of the state's most important employers.

The Agricultural Technology Research Program (ATRP) is one of GTRI's oldest state-supported initiatives. It began more than 35 years ago, through the efforts of the Georgia Poultry Federation. In 2010 ATRP partnered with more than 25 Georgia companies to improve the efficiency and safety of Georgia's \$21 billion poultry and egg industry.



# GTRI IN GEORGIA



The Georgia Tech Research Institute is headquartered on the Georgia Tech campus in Atlanta, which is also home to five of the organization's eight laboratories. Two GTRI laboratories are located at a major research location in Cobb County. GTRI also has 14 field offices around the country, including a location in Warner Robins that was established in 1979 to support a variety of military research programs.

**TOM HORTON**  
Chief of Staff

Director, Government Relations  
Georgia Tech Research Institute

404.407.8110 | [tom.horton@gtri.gatech.edu](mailto:tom.horton@gtri.gatech.edu)

**MARLIT HAYSLETT**

Director, Office of Policy Analysis and Research  
Georgia Tech Research Institute

404.407.7256 | [marlit.hayslett@gtri.gatech.edu](mailto:marlit.hayslett@gtri.gatech.edu)



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