Impact 2024

Benefits to Georgia from growing university research + entrepreneurship

Georgia Research Alliance

GRA's work means....

Georgia's economy grows.

Tremendous amounts of new public and private investment come to Georgia. This money drives spending, and proceeds find their way into state and local tax bases.

DATA SNAPSHOT: 2024

$924 Million

Dollars (non-State) coming to GRA scientists for research

$193 Million

Revenue and grants generated by GRA-backed startups

$147 Million

Private capital attracted by GRA-backed companies

More Georgians enter the high-tech workforce.

Research funding generated by GRA brings the need for talent in labs.

Venture investment flowing to GRA startups creates openings for personnel.

These two forces create nearly **4,000** new opportunities to develop skilled professionals for Georgia's growing innovation industries. As these professionals develop, job mobility follows.

DATA SNAPSHOT: 2024

2,703

Positions generated in GRA Academy research labs

1,241

Jobs created in GRA-backed startups

They're developers for **Matmerize**, a fast-growing, GRA-backed company out of Georgia Tech that speeds development of new materials for industry. Both say their early-career experience at Matmerize is giving them autonomy — and an opportunity to lead and learn.

◂ *Justin DeSimpliciis and Sydney Balcom of Matmerize*

Universities work together.

In every state, universities tend to be siloed and intensely competitive. In Georgia, competition exists – but the cooperation among GRA's eight universities is extraordinary.

And: No other state comes close to matching the university equipment sharing found in Georgia. Because the GRA Core Exchange allows a scientist at any university to access facilities and technology at *all of the others*.

UGA + Georgia Tech = Innovative Science

UGA

GA Tech

Partners: GRA Eminent Scholar Art Edison (UGA) and Stephen Balakirsky, Regents' Researcher, Georgia Tech Research Institute

The need: Measure changes in the metabolism of cultured cells … *every hour*.

Because: Understanding the changes can lead to more cell therapies.

The challenge: Lab workers don't work 24/7!

The answer: Develop robots to auto-extract samples hourly and place them in a freezer. (Georgia Tech is developing the robots; UGA is managing the measurement.)

Georgia's reputation rises.

Georgia's pitch for attracting industry is strengthened by the rise in stature of its universities. As GRA expands research and entrepreneurship, Georgia's profile is elevated. The state is positioned as a place of innovation.

GRA has helped fuel Georgia's rise in ranking

$3.7 billion in university R&D now flows to Georgia annually. Of this, $1 out of $4 goes to a GRA-related scientific team.

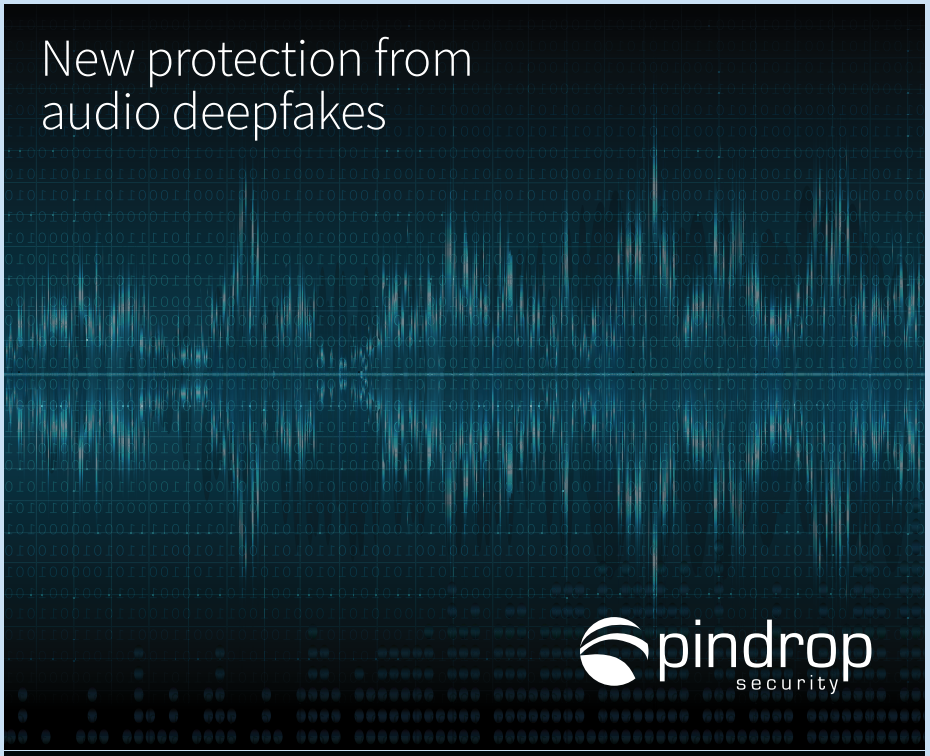
University R&D

1	California
2	New York
3	Texas
4	Maryland
5	Pennsylvania
6	Massachusetts
7	North Carolina
✓ 8	**Georgia**
9	Florida
10	Illinois
11	Ohio
12	Michigan

Source: FY23 University R&D Expenditures (Higher Education Research and Development (HERD)

Industry gains new tools and technologies.

The majority of the 200+ startups in GRA's portfolio have inventions that answer the needs of industry. Each of these spinouts receives early investment and guidance from GRA. Most have technologies and solutions available to businesses *right now*.



Pindrop Security has emerged as an industry leader in detecting fraudulent calls and audio deepfakes. Twelve of the largest financial institutions in the U.S. and U.K. use Pindrop for voice authentication and protection.

GRA was the first to provide investment and counsel to Pindrop as it developed in a lab at Georgia Tech.

Georgians benefit from inventive products.

Scores of other startup businesses in the GRA portfolio make everyday life better for Georgians. Their products are the result of years of research, testing and refinement.

Mom and baby with the NozeBot, a new kind of nasal aspirator from GRA-backed company Dr. Noze Best, launched out of Emory. In 2024, the NozeBot was available on Amazon.com and Target.com.

Bringing Discovery to Life.

The Georgia Research Alliance drives greater impact out of research + entrepreneurship at Georgia's universities. More: GRA.org

How We Work

Recruit brilliant researchers to Georgia universities

Invest in sophisticated lab technologies for scientists to share

Turn inventions into products by launching + growing companies

Key GA industries that benefit from GRA-driven university research and entrepreneurship

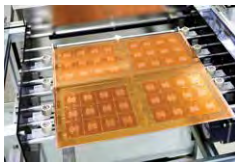
Agriculture
Energy
Life Sciences
Technology

The Absolics Backstory:

How GRA pays off in the long term

1993: GRA and Ga. Tech recruit Rao Tummala as a GRA Eminent Scholar. Tummala lands a major NSF grant, creates semiconductor Packaging Research Center (PRC) at Tech.

2009: Tummala's team at Ga. Tech starts to explore glass as a potential substrate. The PRC creates new intellectual property, eventually brings $100M in research grants to GA.



2022: Absolics breaks ground on a plant to manufacture glass substrates in Covington. The facility will bring $600 million in investment, creating 400+ jobs.

Member Universities

Augusta University
Emory University
Clark Atlanta University
Georgia Institute of Technology
Georgia State University
Mercer University
Morehouse School of Medicine
University of Georgia