

SCIENCE ATL

2023 Annual Report



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It's been ten years since the very first Atlanta Science Festival exploded onto the scene. Since then Science ATL has reached more than 350,000 people with the joy and wonder of science. We have once again reached the magnitude of impact we were having pre-pandemic. And how remarkable that this was also the year of our tenth Atlanta Science Festival. Ten!!! That's a big deal!!! This little glimmer of an idea we had over a decade ago has turned into something huge. Not only is the Festival bigger and better than ever, it's served as the stepping stone to grow the work we do throughout the year.

As you flip through the pages of this report, we hope you'll get a sense of the impact Science ATL has had on the Atlanta community - be it through our school and youth programs or our public events. We hope that as a sponsor, partner, program participant or just an observer of our work, you are able to see this impact and feel just as proud as we do of the ways in which we've made Atlanta a better place by bringing people together through the wonder of science.

Best, Jordan Rose & Meisa Salaita Co-Executive Directors

# BRINGING PEOPLE TOGETHER THROUGH THE WONDER OF SCIENCE

We envision Atlanta as a science city, where people celebrate a shared appreciation for the ways science and technology are fundamental to the health and prosperity of our community. Science ATL's mission is to cultivate an equitable community of lifelong learners across metro Atlanta who are connected and inspired by the wonder of science.





Science ATL brings people together through the wonder of science. Our 501(c)(3) nonprofit organization produces events and community-building activities to improve access to science, technology, engineering, arts, and math (STEM/STEAM) learning opportunities, and to strengthen Atlanta's STEAM ecosystem. Founded in 2014 as Atlanta Science Festival Inc. by Emory University, Georgia Tech, and the Metro Atlanta Chamber, the organization changed its name to Science ATL Inc. in 2019.

# **PUBLIC SCIENCE EVENTS**

From a summer book club, to an evening with Neil de Grasse Tyson, to the Atlanta Science Festival, Science ATL kept science alive in the city's culture throughout the year.



Earth Day Bike-In Movie





Neil deGrasse Tyson - An Astrophysicist Goes to the Movies September 2022



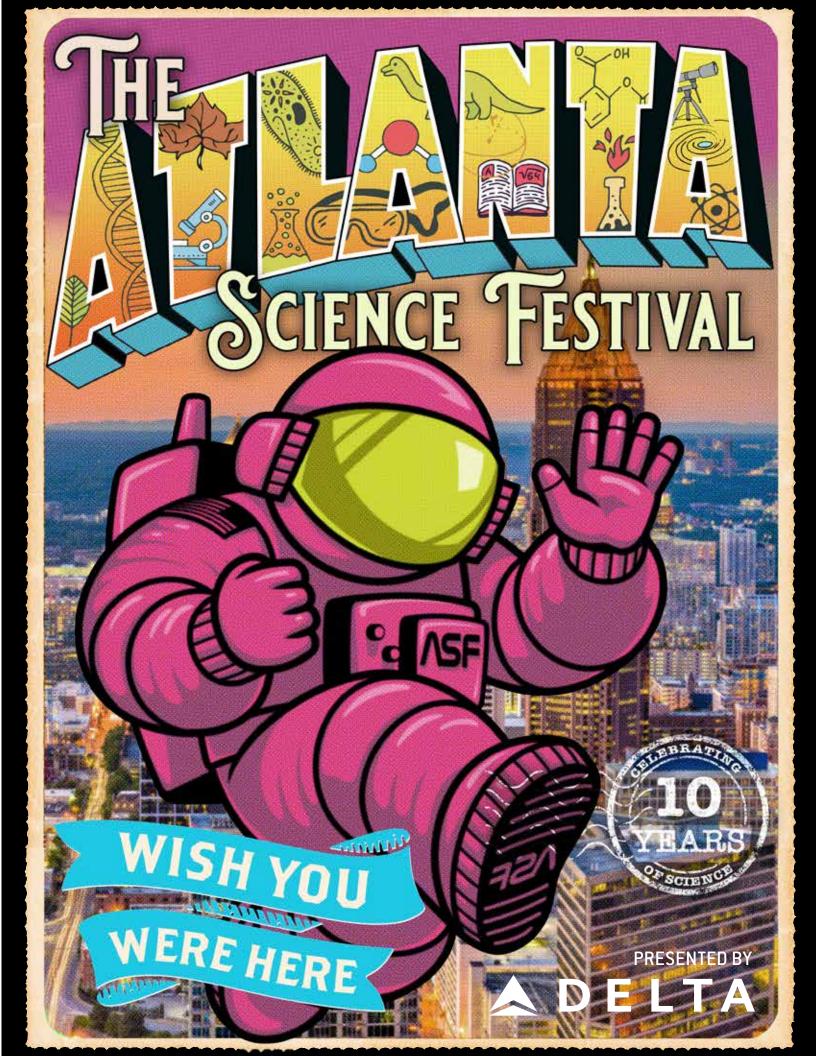
The Story Collider: Overcome

May 2023

I absolutely loved the Science ATL event. Not only was it educational, it was thoroughly entertaining.

Who knew learning about science could be so fun?

- Earth Day Bike In Movie Attendee



# 2023 FESTIVAL BY THE NUMBERS





















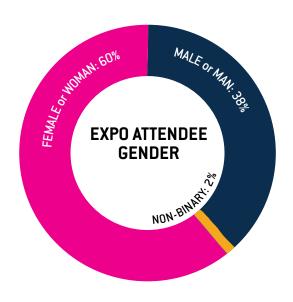




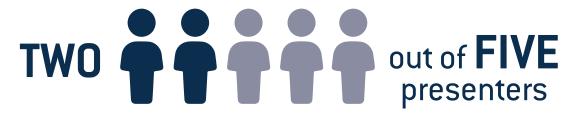
# REACHING AUDIENCES UNDERREPRESENTED IN STEM

#### **EXPO ATTENDEE RACE/ETHNICITY**

White/ Caucasian	Black/ African-American	Asian	Hispanic/ Latino	Other
36%	29%	18%	10%	7%
2020 METRO ATLANTA CENSUS DATA 39%	36%	8%	13%	4%



#### REPRESENTATION IN EXPO PRESENTERS



were from a racial/ethnic group underrepresented in STEM



were from a gender identity underrepresented in STEM

# DIGITAL OUTREACH

At Science ATL, we use the power of our digital reach to share stories about the wonder of science, tales of how Atlanta is a science city, and increase representation of voices from groups that are often not heard from in STEM fields.



90.1 WABE • 11 ALIVE
• WSB-TV • ATLANTA
PARENT • DECATURISH
SAPORTA REPORT •
ATLANTA JOURNAL
CONSTITUTION • WAGA
• ACCESS ATLANTA •
GPB • GOOD DAY
ATLANTA FOX 5 • WSB
RADIO • STAR 94 •
CREATIVE LOAFING













# 2023 SCHOOL & YOUTH PROGRAMS

Supporting K-12 schools and youth in metro Atlanta is central to Science ATL's goals of building community around science and fostering equitable access to science learning opportunities. Our primary strategies are to:

#### **TRANSFORM**

Build school capacity for transformational - not transactional - partnerships with local STEM companies, universities, and their employees

#### **ENGAGE**

Engage with neighborhoods in zip codes with low or very low Child Well-Being

#### **REPRESENT**

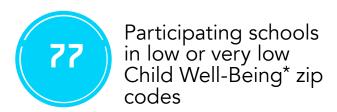
Ensure diverse representation among STEM professional volunteers

#### **EMPOWER**

Empower youth to lead community change and bring STEM opportunities to their peers



# **MEASURING SUCCESS**











<sup>\* &</sup>lt;u>United Way of Greater Atlanta's Child Well-Being</u> index helps to identify neighborhoods which lack the basic opportunities and resources for children to thrive.



# GEORGIA CHIEF SCIENCE OFFICERS

A STEM leadership development program for middle and high school students, enhancing students' leadership, communication, and project management skills.



# STEM PROFESSIONAL SCHOOL PARTNERSHIPS

Presented by NCR Foundation

A year-long program in which STEM Professionals partner with teachers to share their career journeys, integrate real-world STEM challenges into classroom experiences, and leverage their connections to industry/academia, all to support classrooms in achieving their STEM goals.



# **IMAGINING THE FUTURE**

A full day event launching the Atlanta Science Festival with STEM professionals visiting classrooms across the metro region.



# **YOUTH AMBASSADORS**

Presented by Cox Enterprises

A program designed to keep the youth voice actively involved in Science ATL programming, allowing teens to craft the science social scene while gaining valuable experience in public event planning, social media management, branding and marketing, and community outreach.



# STEM+21 CLubs

In partnership with 21st Century Leaders

An after-school club model and self-guided online learning modules for high school students to develop leadership skills in STEM.









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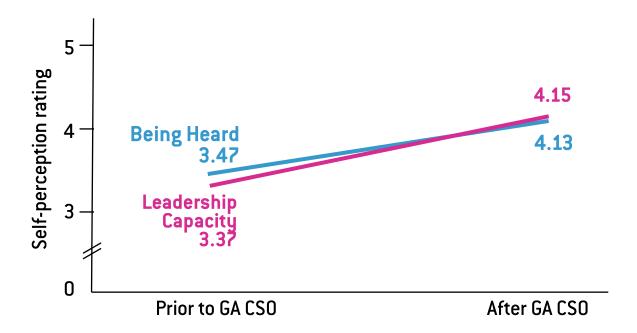
The whole year was special! I love visiting the kids at Hutchinson and exposing them to civil engineering. My most special experience was after the Girls in STEM lesson this year. I asked the class what they learned and one girl responded with 'that I can do anything' and it was very heartwarming.

- SPSP STEM Professional



# STEM LEADERSHIP DEVELOPMENT

Students feel more able to make change as leaders after participating in the CSO program



I have noticed that [the CSO students] have become better leaders. They are more resilient and truly understand what it is to be responsible over major projects. They both have become problem solvers and are more willing to speak up.

- CSO Teacher

## **PARTNERS**

#### PUBLIC EVENT PARTNER ORGANIZATIONS:

3D Girls, Inc. A Capella Books Adopt-a-Stream Agnes Scott College Alliance Theatre Amana Academy, Inc.

American Rivers

American Society for Clinical Laboratory Science -

Georgia State Society
The Amphibian Foundation
Atlanta Botanical Garden
Atlanta Circus Alliance
Atlanta Curling Club
Atlanta Gas Light

American Book Company\*

Biomedical Research Awareness Day

Brown Toy Box Burns & McDonnell\*

Carter Presidential Library & Museum

**CDC** Foundation

CEISMC - Georgia Tech

Centennial Academy Charter School

Center for Puppetry Arts

Center for Translational Research in Neuroimaging

and Data Science Challenge Aerial Charades

Chattahoochee Riverkeeper Chattahoochee Nature Center The Children's Museum of Atlanta

Citizen Science HD Clayton State University The Clorox Company\*

Clyde Shepherd Nature Preserve

Cobb County 4-H

Cobb County Public Library System Computer Museum of America

D. Clark Harris, Inc.

DeKalb Agriculture, Technology and Environment

**Charter School** 

DeKalb County Dept of Recreation, Parks &

Cultural Affairs

DeKalb County School District

Delta Air Lines\*

Delta Community Credit Union\*

**Doctor Pete Productions** 

Dow\*

Dragon Con Science Track Dorje Ling Buddhist Center

Emory University\* Extant Dream Fernbank Museum

Fernbank Science Center

Finding the Flint Flint Riverkeepers

First Christian Church of Decatur

Fox Theatre Fraser Jones TV Fulton County

Fulton County Arts & Culture Fulton County Library System Fulton County Public Works

Gentle Spirit Christian Church of Atlanta

Georgia Audubon Georgia Aquarium

Georgia Center for the Book Georgia Gwinnett College

Georgia Institute of Technology\*

Georgia Mineral Society Georgia Natural Gas\* Georgia Power\*

Georgia Reptile Society Georgia State University

Georgia State University Perimeter College

Georgia Tech Research Institute

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Groundwork Atlanta Guerilla Haiku Movement The Happy Black Parent

Hermeus

Historic Oakland Foundation Home Depot Backyard

IEEE Atlanta IEEE USA

International Society of Arboriculture with GAA

Jennifer Swanson Books

Johns Creek Environmental Campus Julia Robinson Mathematics Festival

Kennesaw State University

The LIFE School

Little Shop of Stories

Live Thrive Atlanta's CHaRM

Lockheed Martin Corporation\*

Lush Plant Co.

Marcus Autism Center

Mathematics in Motion, Inc.

Mercer University & Mercer Health Sciences Center\*

Museum of Design Atlanta Michael C. Carlos Museum The Museum of Animation

NCR Foundation\*

Nerd Nite DC

National Geographic Kids

Oglethorpe University

Opo Coffee

The Paideia School

PCOM Georgia

Piedmont Park Conservancy

Pittsburgh Yards

Produce'd Incorporated

**Project WET** 

The Public Art Futures Lab

Rae Pendergrass

Rockdale County 4-H

Rockefeller Foundation

Rogue Wave Dance

Sandy Springs Education Force

Science for Georgia

Science Gallery Atlanta

Science Lab e.V.

Science of Fun STEM Camps

South River Watershed Alliance

Spelman College

STE(A)M Truck

**STEAMation** 

STEM Gems

Stephen Granade

The Story Collider

Trees Atlanta

University of Georgia Extension

University of Georgia College of Pharmacy

**UPS\*** 

URJ 6 Points Sci-Tech Academy

Veolia Water

The Village Tutorial and Enrichment Program

WABE

West Atlanta Watershed Alliance

William Walker Recreation Center (City of Atlanta)

Whole World Improv Theatre

Woodward Academy

**WUNDERgrubs** 

Wylde Center

Zoo Atlanta



# SCHOOL & YOUTH PROGRAMMING PARTNERS FROM:

21st Century Leaders 3D Girls, Inc.

Arcadis US, Inc.

AXA XL

Burns & McDonnell\*

City of Avondale Estates

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Cox Enterprises\*

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Georgia Institute of Technology\*

Georgia State University

Georgia State University Perimeter College

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Norfolk Southern\*

**PetIQ** 

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Proximity Lab Services

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Southern Company

Spelman College

Take Flight Girls Inc.

Tellus Science Museum

UCB, Inc.

**UFABC** 

**UPS\*** 

**UPS** Capital

Veolia

Veterans Health Administration

Visiontech Communications

#### SCHOOL PARTNERS

#### **Atlanta Public Schools**

Booker T. Washington High School Carver Early College High School Centennial Academy Charter School Harper-Archer Elementary School Humphries Elementary School Hutchinson Elementary School John Lewis Invictus Academy

KIPP WAYS Academy

M. Agnes Jones Elementary School Morningside Elementary School Perkerson Elementary School The Ron Clark Academy

Slater United Elementary School Warren T. Jackson Elementary School William M. Boyd Elementary School William M. Finch Elementary School

<u>City Schools of Decatur</u> Beacon Hill Middle School

#### Clayton County

Brown Elementary School Eddie White Middle Academy Forest Park High School





Forest Park Middle School
Huie Elementary School
Jonesboro High School
Lovejoy High School
ME Stilwell School of Arts
Michelle Obama STEM Elementary Academy
North Clayton Middle School
Northcutt Elementary School
Rex Mill MIddle STEM School
Unidos Dual Language School

#### Cobb County

Amana Academy West Atlanta Brumby Elementary School Chalker Elementary School Fair Oaks Elementary School Norton Park Elementary School South Cobb High School

#### **DeKalb County**

Champion Theme Middle School Chapel Hill Elementary School DeKalb Elementary School of the Arts **Dunwoody Elementary School** Fernbank Elementary School Hawthorne Elementary School Henderson Mill Elementary School Indian Creek Elementary School Midvale Elementary School Oakcliff Traditional Theme School Ronald E. McNair Discovery Learning Academy Smoke Rise Elementary School Southwest DeKalb High School Stone Mountain Middle School Tucker Middle School Wadsworth Magnet School for High Achievers Woodward Elementary



Amana Academy Global Impact Academy S.L. Lewis Elementary School Westlake High School

#### **Gwinnett County**

Annistown Elementary School
Baggett Elementary School
Coleman Middle School
Lanier Middle School
Mill Creek High School
Northbrook Middle School
Paul Duke STEM High School
Sweetwater Middle School
Sycamore Elementary School
Taylor Elementary School

### Henry County

Stockbridge High School

#### Marietta City Schools

Marietta High School
Marietta Middle School
Marietta Center for Advanced Academics

#### **Paulding County**

McGarity Elementary School P.B. Ritch Middle School Paulding County High School South Paulding High School

#### Rockdale County

Conyers Middle School Flint Hill Elementary School Honey Creek Elementary School

\*Partner is also a sponsor





# **SPONSORS**









































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GEORGIA NATURAL GAS AMERICAN BOOK COMPANY DOW CHERRY BEKAERT ATLANTA GAS LIGHT IEEE AMAZON

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#### In loving memory of Pastor James Brewer-Calvert, a warm supporter, enthusiastic partner, and friend to all.

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#### **PROFESSIONAL SERVICES**

#### Marketing & PR: Lenz Marketing

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#### Evaluation: Center for Education Integrating Science, Math & Computing, GaTech

Meltem Alemdar Katie Boice Talia Capozzoli

#### Event Management: Destination South Meetings & **Events**

Cynthia Alford Tanner Garrard

Sarah Yarnell

Lara Lillian Johnson

#### SPECIAL THANKS TO

Danielle Freeman

Rastafa Geddes

Jason Raines

**GSU Motion Design Students** 

David Hartnett, Science ATL Board Chair Emeritus

Lori Shapiro & Pro-Bono Partnership of Atlanta



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Science ATL, Inc. was founded by:





