

## DON'T MISS



**12:00 PM:** The Big Bang may have happened billions of years ago, but that won't stop us from making our own version here at the Atlanta Science Festival! Don't miss this explosive moment resulting from a reaction of a thousand ping pong balls, some liquid nitrogen, and boiling water. Thank you to Dr. Doug Mulford and his ChEmory team for this annual tradition!

The Pink Ping Pong Big Bang is sponsored by Emory University, a proud founder of the Atlanta Science Festival.

Gather at 12pm in front of Delta Air Lines' tent to see the action.

**1:00 PM:** Onstage known as Patcasso, Patrick Hunter, a performance painter and global STEAM ambassador connects art and science to drive innovation. He takes paint strokes choreographed to music for live performances that captivate audiences by turning the blank canvas into icons.

The Patcasso Performance is brought to us by the NCR Foundation, sponsor of the Atlanta Science Festival. Join us at 1pm in front of NCR's tent to catch this captivating performance.

## WHAT'S NEXT

Don't panic! We know you've loved the Atlanta Science Festival, and the science fun doesn't stop here! Celebrate Earth Day, the Science ATL way on April 21st at 7:30pm. Science ATL and Piedmont Park Conservancy host a special showing of Where the Butterflies Go, a comedic nature documentary about the journey of the monarch butterfly. This isn't any outdoor movie, it's a Bike-in movie! Take your two-wheel transportation to Piedmont Park's Dockside, have a drink and a laugh, and explore how to save the monarch, and ourselves, from extinction!



Learn more and get tickets at [scienceatl.org/earthday](https://scienceatl.org/earthday)

## SUPPORT SCIENCE ATL

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## SCIENCE ATL

Science ATL brings people together through the wonder of science. Our mission is to cultivate an equitable community of lifelong learners across metro Atlanta who are connected and inspired by the wonder of science. Please consider supporting us with a one-time or monthly donation so that we may continue to produce events like the Atlanta Science Festival and programs like STEM Professional School Partnerships.

Read about these programs and more at [ScienceATL.org](https://ScienceATL.org) and donate using the QR code.

# ATLANTA SCIENCE FESTIVAL™

## THANK YOU TO OUR SPONSORS



## MEDIA SPONSORS



The Atlanta Science Festival was founded by Emory University, the Georgia Institute of Technology, and the Metro Atlanta Chamber.

## CONNECT ON SOCIAL

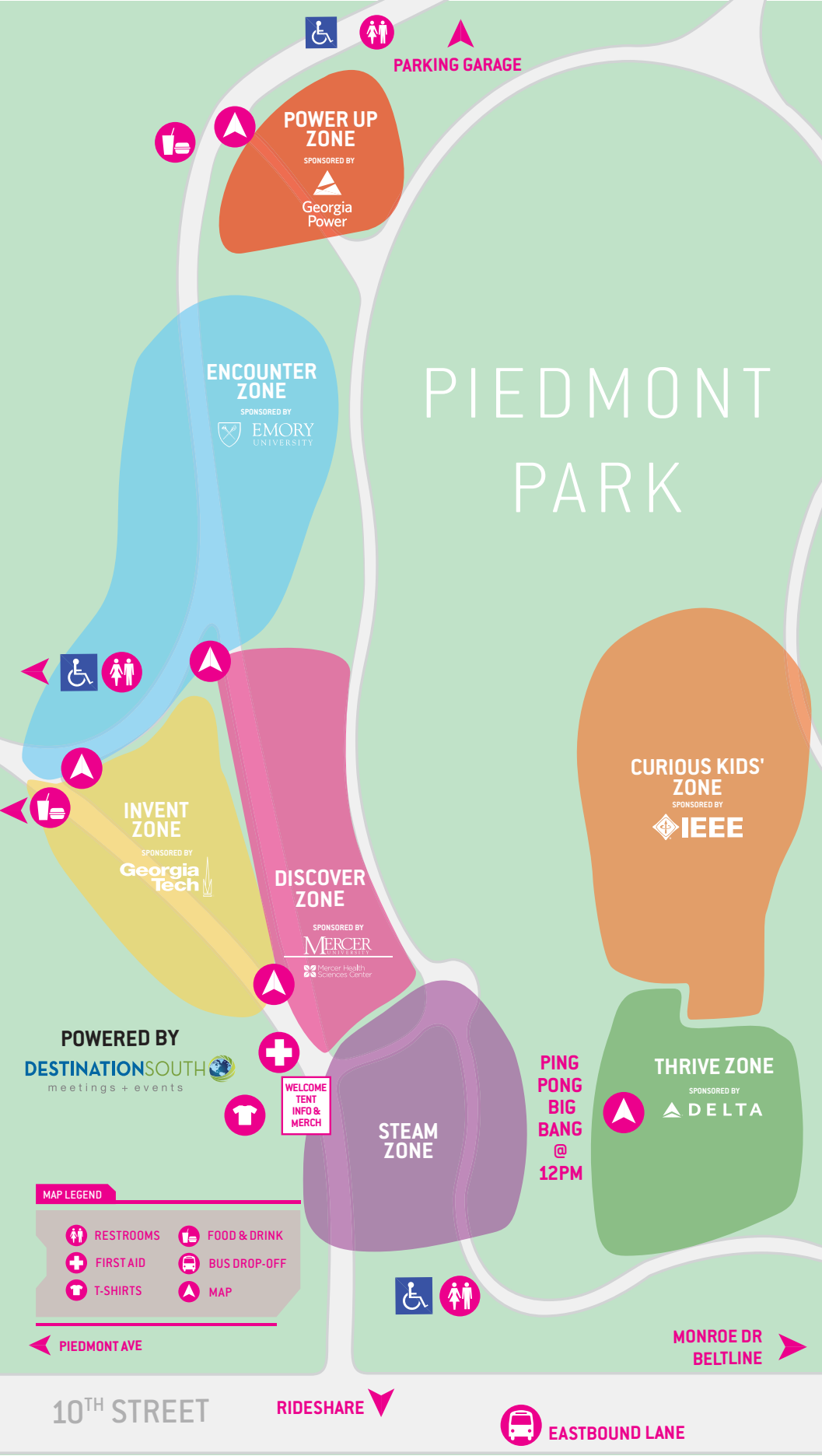


[AtlantaScienceFestival.org](https://AtlantaScienceFestival.org) • #ATLSciFest  
Share your experience with us! Tag us at @ATLSciFest



#ATLSCIFEST





# THRIVE ZONE

**T701 • Delta Air Lines**  
**T703 • Kennesaw State University – Geography**  
What do you know about the geography of water?  
**T705 • Kennesaw State University - Anthropology and Psychology**  
How does your brains and bones behave?  
**T707 • Kennesaw State University – Wellstar College of Health and Human Services**  
How does Health and Human Services play a role in your life and the community?  
**T709 • Microsoft**  
**T711 • American Society for Clinical Laboratory Science- Georgia State Society**  
Who performs your medical laboratory tests?  
**T713 • Georgia State University - Geosciences**  
How is our Planet changing?  
**T715 • Georgia State University – CBN – Neuroscience Institute**  
Do bugs shape your brain?  
**T717 • Georgia State University – Department of Physics and Astronomy**  
From Cosmic Rays to Food: How Does Nuclear Physics Affect My Life?  
**T719 • Neuroscience at Georgia State University & Emory University**  
Ready to blow your mind? Pop over to explore your brain!

# CURIOUS KIDS’ ZONE

**C201 • Zoo Atlanta**  
What Makes an Elephant Awesome?  
**C203 • Fulton County Library System**  
More than just a library card: How can you engage in STEAM at the library?  
**C205 • Chattahoochee Nature Center**  
Why Wetlands?  
**C207 • Biomedical Research Awareness Day**  
What is it really like in the world of animal research?  
**C209 • Agnes Scott College—SEEDS Club**  
How old is that tree? Marking Art Prints with Nature  
**C211 • 3D Girls, Inc.**  
What will you code with Binary Beading?  
**C213 •American Book Company**  
Can a piece of paper be recycled indefinitely?  
**C215 • Georgia Gwinnett College – Department of Chemistry**  
What happens when you mix hands-on chemistry and fun?  
**C217 • Georgia Gwinnett College Exercise Science**  
How good is your athletic ability?  
**C219 • Georgia Gwinnett College – Technology Ambassadors Program**  
Interested in Creating a Game Using a Cool Technology?  
**C221 • International Society of Arboriculture with GAA**  
Why does the world need arborists?  
**C223 • Georgia Reptile Society**  
Can you find all the Scales of the World?  
**C224 • IEEE USA**  
What’s inside the MOVE truck?  
**C225 • IEEE Atlanta**  
Are You Up to the [STEM] Challenge?  
**C227 • Brown Toy Box, powered by Cox Enterprises**  
How do you explain the mysteries of the sea?  
**C229 • Lockheed Martin Corporation**  
How do engineers design aircraft?

# POWER-UP ZONE

**P301 • Georgia Power**  
Are you powered up for the future of energy?

# DISCOVER ZONE

**D401 • Georgia Aquarium**  
Behind the Seas: How do you care for a Sea Turtle?  
**D403 • Science for Georgia**  
How can you #SpeakUpForScience?  
**D405 • Atlanta Gas Light**  
What is field operations?

**D407 • Delta Community Credit Union**  
Chemistry of Currency- What makes a Dollar Bill a Dollar Bill?  
**D409 • ScienceLab e.V./German Consulate General**  
The Power of Electricity – How does a light bulb work?  
**D411 • The LIFE School**  
How Can We Grow Food Anywhere?  
**D413 • The Amphibian Foundation, Inc.**  
Have You Ever Touched A Snake?  
**D415 • The Clorox Company**  
Elevating your everyday experiences  
**D417 • Fernbank on the Go!**  
How is science in the world around you every day?  
**D419 • URJ 6 Points Sci-Tech Academy**  
What makes a Jewish STEM Overnight Camp so much fun?  
**D421 • Amana Academy, Inc.**  
What can you create?  
**D423 • Computer Museum of America**  
What’s Next On Your Desk?  
**D425 • Georgia Natural Gas & Centennial Academy Charter School**  
Up, Up, and Away: How much energy is required for a rubber band helicopter to fly?  
**D427 • Dow**  
What is PU Chemistry?  
**D429 • Johns Creek Environmental Campus**  
What is the Journey of our Water?  
**D431 • Marcus Autism Center**  
Do you see what I see? Understanding Autistic Experiences  
**D433 • UPS**  
Have you seen the technology behind the delivery?  
**D435 • Mercer University and Mercer Health Sciences Center**  
How does Science Impact Your Life?

# ENCOUNTER ZONE

**E601 • Emory University - Salaita Lab**  
Does DNA Wield The Force?  
**E603 • Emory University - Herbarium**  
Can you Smell the Roots?  
**E605 • Emory Child Study Center**  
Can You Guess What Your Brain is Thinking?  
**E607 • Emory University - Department of Physics**  
How does physics touch your life?  
**E609 • Emory University – All of Us Research Program**  
What does DNA look like?  
**E611 • Emory University – LUMeN Lab**  
How does does brain development influence processing speed?  
**E613 • Emory University - ChEmory**  
Why Do Funky Fluids Behave The Way They Do?  
**E615 • Emory University - Department of Biochemistry**  
What do proteins look like?  
**E617 • Emory University – Association for Women in Science**  
Women scientists, what \*can’t\* they do?  
**E619 • Emory – Immunology Graduate Group, Emory NPRC, EVC**  
How Do Vaccines Protect Us?  
**E621 • Emory University – HERCULES Exposome Research Center**  
How do I avoid toxicants in my exposome?  
**E623 • Emory University, Center for Black Women’s Wellness, Spelman College, UGA**  
How do chemicals affect our health? A VR Experience  
**E625 • Spelman College**  
Color: Can you believe your eyes?  
**E627 • Burns & McDonnell**  
Have you ever seen electricity in motion?  
**E628 • PCOM Georgia**  
Have you ever seen a high-fidelity mannequin?  
**E629 • PCOM Georgia – Physical Therapy**  
Want to be Stronger, Faster & Fitter?  
**E631 • PCOM Georgia – Medical Laboratory Science and Library**  
What can we see under the microscope?  
**E633 • PCOM Georgia – Diversity, Equity, and Inclusion / Admissions**  
What’s the Rx for Success in Medical School?  
**E635 • PCOM Georgia – Community Wellness Initiative**

What is my blood pressure?  
**E637 • PCOM Georgia – Osteopathic Medicine, DO**  
D.O. you know what blood is?  
**E639 • PCOM Georgia – Biomedical Sciences**  
How are bones the buried treasure of the body?  
**E641 • PCOM Georgia – Physician Assistant Studies**  
What Happens When You Take a Breath?  
**E643 • PCOM Georgia – School of Pharmacy**  
Are you ready to test your sugar knowledge?  
**E645 • Dekalb Agriculture, Technology, and Environment Charter School**  
How is S.T.E.A.M Sustainable?

# INVENT ZONE

**I501 • Georgia Tech – Laboratory for Synthetic Immunity**  
How can tiny molecules catch big diseases?  
**I503 • Georgia Tech – Environmental Engineering**  
Why does dirty water make me sick?  
**I505 • Georgia Tech Research Institute**  
How Does the Georgia Tech Research Institute See the World?  
**I507 • Georgia Tech – GoSTEM Program (CEISMC)**  
Wearable Code: Can Coding Exist Off the Screen?  
**I509 • Georgia Tech – Student Polymer Network**  
Where’s the Water?  
**I511 • Georgia Tech**  
How Can You Be a Data Point?  
**I513 • Georgia Tech – Social Insect Biology**  
What are social insects?  
**I515 • Georgia Tech – Space Enthusiasts**  
How Big is the Solar System, Really?  
**I517 • Georgia Tech – Beekeeping at GT**  
What is Inside a Beehive?  
**I519 • Georgia Tech – CMDI Microbial Dynamics & Infection**  
Why Do Bacteria Glow?  
**I521 • Georgia Tech – School of Earth and Atmospheric Sciences**  
What Really Drives “Mother Nature”?  
**I523 • Georgia Tech – School of Earth and Atmospheric Sciences**  
Trash to cash: Can we turn wastes into resources?  
**I525 • Georgia Tech - The Bioengineering and Bioscience Unified Graduate Students (BBUGS)**  
How Do Muscles and Bones Work?  
**I527 • Georgia Tech & Emory University – Neural Engineering Center**  
How does the brain control movement?  
**I529 • Georgia Tech & Emory – BME HealthReach – Science for EveryBODY**  
What cells and tissues make up your blood and bones?

# STEAM ZONE

**S801 • STE(A)M Truck**  
Can You Unleash Genius with High & Low Tech Tools?  
**S803 • Guerilla Haiku Movement**  
Sci-ku: Will you Hone The Art of Science Haiku?  
**S805 • STEAMation**  
How does Claymation teach STEM?  
**S807 • Woodward Academy**  
STEAM at Woodward Academy: What does the A and E in STEAM look like?  
**S809 • Georgia Tech & Emory University – Science.Art.Wonder**  
How can science inspire art?  
**S811 • NCR Foundation**  
The Patcasso STEAM Experience

# FOOD & DRINK

**6 Pack Subs • A Little Nauti • Da Real Island Flava • Flavor on the Fork • Gumbaux Girls • The Hoagie Shack • Love at Wurst Site • Made with Love Soul Food • Parlay Savory Saloon • Patty Wagon • Ponko Chicken • Spice the Americas • Superior Vegan • Tres Jardines • Jason’s Deli • Cereal & Cream • Fruity Ice & Treats • The Funnel Cake Guys • King of Pops • Operation Mini Donuts • Queen Churro**