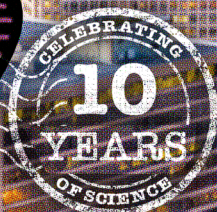


THE ATLANTA SCIENCE FESTIVAL 2023



March
10th - 25th

WISH YOU
WERE HERE



PRESENTED BY



DELTA

Welcome to the 2023 Atlanta Science Festival!

Presented by Delta Air Lines

Place your seat backs and tray tables in their upright and locked positions - the 2023 Atlanta Science Festival is about to take off! We'll be cruising through nearly 150 engaging science events and making connections at venues across the metro Atlanta region. You'll see AI and brain imaging, the world's fastest aircraft, amphibians and snakes, newts and nature trails, a science fashion show and secret parks, chemistry and coffee, and time traveling teens on stage. And just when you think it's over, we'll reach our final destination at Piedmont Park for Atlanta's biggest family friendly science event, the Exploration Expo! We invite you to join tens of thousands of curious kids and adults to experience the wonder of science at this year's Atlanta Science Festival!

Delta Air Lines is extremely proud to be the presenting sponsor of the Atlanta Science Festival. With this partnership, we are committed to building a vibrant and engaged Atlanta community, and to advancing education and shaping the lives of future employees and customers. We know the importance of engaging more students in science, technology, engineering and math to help generate tomorrow's STEM ready workforce, so on behalf of our Atlanta-based flight crew, we hope you enjoy your science in Atlanta or wherever your final destination may take you...

Sincerely,
Tad Hutcheson, Managing Director – Community Engagement, Delta Air Lines

THE ATLANTA SCIENCE FESTIVAL IS ENGINEERED BY

SCIENCE ATL

FESTIVAL TEAM

Co-Executive Directors, Science ATL: Meisa Salaita & Jordan Rose

Public Events Manager: Dana Buskovitz

Volunteer Manager: Alvaro McRae

Volunteer Coordinator: Danielle Freeman

School & Youth Programs Manager: AJ Chestnut Raines

Marketing and Media Relations: Lenz, Inc.

Event Management: Destination South Meetings & Events

Evaluation: Georgia Tech Center for Education Integrating Mathematics, Science & Computing

SCIENCE ATL BOARD OF DIRECTORS

Cheryl Kortemeier (Chair), Tjuan Dogan, Vince Ho, Jason Hoch, Jess Hunt-Ralston, Jamal Jesse, Melanie Lawrence, Crystal Lazarus, Emma Palmer-McVey, Sarah Peterson, Jordan Rose, Meisa Salaita, Jason Wellman

Science ATL

601 W Ponce de Leon Ave, Decatur, GA 30030

Tel: 770.332.4992 | info@scienceATL.org



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#ATLSciFest

Science ATL was founded by



Please note that all events are subject to change. Be sure to check our website or social media for the most up to date information.

CONNECTING TODAY'S BRIGHT MINDS WITH A BETTER TOMORROW.

Proud to support the 2023 Atlanta Science Festival.



KEEP CLIMBING





EMORY
UNIVERSITY

CURIOSITY DRIVEN

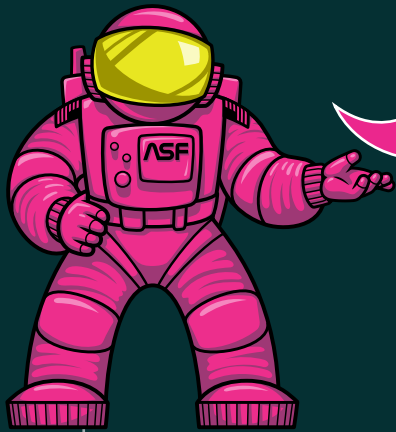
From sparking discoveries to inspiring creative thinkers, Emory changes the way we live in the world. | emory.edu

PROGRAM PARTNERS

The Atlanta Science Festival would not be possible without the contributions of our partners to produce the events that make this Festival so magical. Science ATL is grateful to the following program partners

(partners in pink are also sponsors of Science ATL):

A Capella Books	Groundwork Atlanta
Adopt-a-Stream	The Happy Black Parent
Agnes Scott College	Hermeus
Alliance Theatre	Historic Oakland Foundation
American Rivers	Home Depot Backyard
Amphibian Foundation	Julia Robinson Mathematics Festival
Atlanta Botanical Garden	Jennifer Swanson Books
Atlanta Circus Alliance	Little Shop of Stories
Atlanta Curling Club	Live Thrive Atlanta's CHaRM
Brown Toy Box	Lush Plant Co.
Carter Presidential Library & Museum	Mathematics in Motion
CEISMC - Georgia Tech	MODA
Center for Puppetry Arts	Michael C. Carlos Museum
Center for Translational Research in Neuroimaging and Data Science	The Museum of Animation
Challenge Aerial	Nerd Nite DC
Chattahoochee Riverkeepers	National Geographic Kids
Chattahoochee Nature Center	Oglethorpe University
Children's Museum of Atlanta	Opo Coffee
Clayton State University	The Paideia School
Clyde Shepherd Nature Preserve	Piedmont Park Conservancy
Cobb County 4-H	Pittsburgh Yards
Cobb County Public Library System	Produce'd Incorporated
D. Clark Harris, Inc	Project WET
DeKalb County Dept. of Recreation, Parks and Cultural Affairs	The Public Art Futures Lab
DeKalb County School District	Rae Pendergrass
Dorje Ling Buddhist Center	Rockdale County 4-H
Doctor Pete Productions LLC	Rogue Wave Dance
Dragon Con Science Track	Sandy Springs Education Force
Emory University	Science for Georgia
Extant Dream	Science Gallery Atlanta
Fernbank Museum	Science of Fun STEM Camps
Finding the Flint	South River Watershed Alliance
Flint Riverkeepers	Spelman College
First Christian Church of Decatur	STEM Gems
Fulton County	Stephen Granade
Fulton County Arts & Culture	The Story Collider
Fulton County Public Works	Trees Atlanta
Gentle Spirit Christian Church of Atlanta	University of Georgia Extension
Georgia Audubon	University of Georgia College of Pharmacy
Georgia Center for the Book	Veolia Water
Georgia Gwinnett College	The Village Tutorial and Enrichment Program
Georgia Institute of Technology	WABE
Georgia Mineral Society	West Atlanta Watershed Alliance
Georgiarocks.us	WunderGrubs
Georgia State University	Wylde Center
Georgia State University - Perimeter College	Zoo Atlanta



ALEX Says:
Here's our
checklist for a
great festival!

HEADS
UP!

Help us give everyone a chance to attend - if you've signed up for a free event and can no longer go, please let us know. This is especially important for events in the limited capacity of the COVID-Era.



Be curious, explore, try something new, and ASK QUESTIONS! Our ASF volunteers are available to help answer any questions.



Look after our city. Take trash home with you or find a nearby trash can/recycling receptacle. Opt for a reusable bottle and fill up at water fountains.



Stay social. Follow us on social media @ATLSciFest and @ScienceATL and share your ASF story using #ATLSciFest. Keep an eye on our social media channels for announcements.



Be kind. Share, enjoy, and celebrate together. This festival is for everyone!



COVID Safety

The situation with COVID-19 is an ever-changing one. Please note that events run by certain partners may have more strict rules than others, and this information will be posted online. Check each event's guidelines online before you go, follow the most recent CDC guidance, and be as safe as possible at all times.



Artificial intelligence to
astrophysics

Climate science to
quantum systems

Ecosystems to
origins of life

Materials science
to mathematics

Microbes to
machine learning

Neuroscience to
new worlds

Robotics to data revolution to
quantitative biosciences

The solutions of tomorrow start with **science**.

Tomorrow starts at Tech.



Georgia Tech
College of Sciences

cos.gatech.edu

ATLANTA SCIENCE FESTIVAL AT A GLANCE

Events in **PINK** are
ALEX'S PICKS

MARCH 10 - MARCH 25

FRIDAY, 3/10
Destination Science
7:00 p.m.
Ferst Center for the Arts at Georgia Tech

SATURDAY, 3/11
K.I.D.S. Club and STEAM Workshop
F M H E
9:00 a.m. - 12:00 p.m.
GA Tech Campus

Super Hero Science Day
F P E
9:30 a.m. - 12:30 p.m.
and 1:30 p.m. - 4:30 p.m.
Childrens' Museum of Atlanta

Taking Out the Trash
A F M H
10:00 a.m. - 12:00 p.m.
Grove Park

Grow Up!*
A F H M E
10:00 a.m. - 10:45 a.m.
and 1:00 p.m. - 1:45 p.m.
Produce'd Indoor Hydroponic Farm
This event repeats 3/12

Geocaching 101
A F H M E
10:00 a.m. - 12:00 p.m.
Mason Mill Park

Geocaching Adventure*
A F H M E P
7:00 a.m. - 7:00 p.m.
Mason Mill Park
This event repeats daily through 3/24

Animals in Motion: Biomechanics Day at Zoo Atlanta
A F H M E P
10:00 a.m. - 2:00 p.m.
Zoo Atlanta

Starstruck
F
11:00 a.m. - 12:00 p.m.,
1:00 p.m. - 2:00 p.m.,
and 3:00 p.m. - 4:00 p.m.
Ferbak Museum

Neuroscience is Looking for a Few Good Brains!
A F H M E
11:00 a.m. - 2:00 p.m.
Center for Advanced Brain Imaging

Georgia Tech Science & Engineering Day
A F H M E
12:00 p.m. - 5:00 p.m.
Georgia Tech Campus

Project X: Top Tens of Georgia
A F H M E P
12:00 p.m. - 3:00 p.m.
Ferbak Science Center

From Tears to the Sea
F E P
1:00 p.m. - 2:30 p.m.
Little Shop of Stories

Investigation Awaits!! Are you Ready to Hone Your Detective Skills?
F E M H
1:00pm - 4:00pm
Indoor
Little Five Points Community Center Classroom

Water, the Source of Civilizations*
A F H M
2:00 p.m. - 3:30 p.m.
Michael C. Carlos Museum
This event repeats 3/18

Science of the Circus
F H M E P
2:00 p.m. - 3:30 p.m.
and 5:00 p.m. - 6:30 p.m.
Challenge Aerial Atlanta

Not Just Newts: Behind the Scenes at the Amphibian Foundation
A F H M E P
3:00 p.m. - 5:00 p.m.
The Amphibian Foundation

Urban Slug Walk
A F H M E P
3:00 p.m. - 5:00 p.m.
Sykes Park

Guthman Music, Art, and Technology Fair
A F H M E
4:00pm - 6:00pm
Klaus Advanced Computing Building at Georgia Tech

Guthman Musical Instrument Competition
F A H M E
7:00 p.m. - 9:00 p.m.
Ferst Center for the Arts at Georgia Tech

The Devil Wears Science
A H
7:00 p.m. - 9:00 p.m.
Georgia Tech Kendeda Building for Innovative Sustainable Design

Intro to Curling: Exploring the Boundary Where Granite Meets Ice*
A F H M
8:00 p.m. - 10:00 p.m.
Atlanta Ice Forum
This event repeats 3/18

SUNDAY, 3/12
The Science of Animation
F H M E
12:00 p.m. - 1:30 p.m.
Manuel's Tavern

Rock n' Walk
A F H M E P
12:00 p.m. - 4:00 p.m.
Stone Mountain Historical and Education Center

Flying into the Future
F E M
12:00 p.m. - 4:00 p.m.
Chattahoochee Nature Center

Discovery Walk: Emory
A F H M E
1:00pm - 3:00pm
Emory University

Conversations in Creativity with Science Gallery Atlanta
A H
1:00 p.m. - 3:00 p.m.
Schwartz Center for Performing Arts

Tech:::Arts: A Virtual Reality Open House
A F H M
2:00 p.m. - 5:00 p.m.
The Public Art Futures Lab

TUESDAY, 3/14
Breaking Down the Bean: The Science Behind Home Coffee Brewing*
A
10:00 a.m. - 11:30 a.m.
Opo Coffee
This event repeats 3/23 and 3/24

CHaRM Recycling Tour
A F H M E
10:00 a.m. - 11:30 a.m.
The Center for Hard to Recycle Materials (CHaRM)

Sprouting Scientists
F P
10:00 a.m. - 12:00 p.m.
Atlanta Botanical Garden

#SpeakUpforScience
A H
12:00 p.m. - 1:00 p.m.
Virtual

STEMFest: Hands-on Science for Families at Oglethorpe University
A F H M E
6:00 p.m. - 8:00 p.m.
Cousins Center of Science and Innovation, Oglethorpe University

The Molecular World with Dr. Pete
A F M
6:30 p.m. - 7:30 p.m.
Georgia Tech Student Center - Atlantic Theater

WEDNESDAY, 3/15
Penguin in My Pocket: Puppets + Science = MAGIC!*
F
10:00 a.m. - 12:30 p.m.
and 11:30 a.m. - 2:00 p.m.
Center for Puppetry Arts
This event repeats 3/16 - 3/18

Exploring Atlanta's Urban Parks: Chosewood Park
A F H M E P
10:00 a.m. - 11:30 a.m.
Chosewood Park

Hypersonics with Hermes
A H
3:00 p.m. - 4:30 p.m.
Hermeus Corporation

13th Annual SSEF STEAM Showcase
A F H M E
6:00 p.m. - 8:00 p.m.
North Springs Charter High School - Main Gym

Science Improv
A H M
7:30 p.m. - 9:30 p.m.
Whole World Improv Theater

THURSDAY, 3/16
Live Moon Viewing
M E
10:00 a.m. - 10:30 a.m.
Virtual

Roadside Geology*
A F H M
1:00 p.m. - 3:30 p.m.
First Presbyterian Church of Atlanta Parking Lot
This event repeats 3/19

Piedmont Park Science Trivia
A
6:30 p.m. - 8:00 p.m.
Magnolia Hall

3D Printing with Lasers
A H M
7:00 p.m. - 8:00 p.m.
Virtual

The Story Collider
A
7:30 p.m. - 9:00 p.m.
Waller's Coffee Shop

FRIDAY, 3/17
Coffee Roasting, Seed to Sip: A Scientific Exploration from Green to Brown to Black*
A
12:00 p.m. - 2:00 p.m.
Opo Coffee Decatur
This event repeats 3/23 and 3/24

Twilight Tots at Zoo Atlanta
F P
4:30 p.m. - 6:00 p.m.
Zoo Atlanta

Family STEAM Movie Night
F M E P
6:30 p.m. - 8:30 p.m.
Pittsburgh Yards

Gap Junction - Public Dance Performance!
A F H M E P
7:00 p.m. - 8:30 p.m.
The Paideia School

SATURDAY, 3/18
Afro-STEM
A F H M E P
9:00 a.m. - 10:30 a.m.,
12:00 p.m. - 1:30 p.m.,
and 2:00 p.m. - 3:30 p.m.
Outdoor Activity Center

HealthHacks 2023
H M
9:00 a.m.
Emory University

Southside River Rendezvous
A F H M E
9:00 a.m. - 1:00 p.m.
Clayton State University

Amphibian Foundation's Annual Salamander Stroll
A F H M E
10:00 a.m. - 11:30 a.m.
Clyde Shepherd Nature Preserve

Beginner Birding 101
F E
10:00 a.m. - 11:30 a.m.
Grant Park

Exploring Atlanta's Urban Parks: Perkerson Park
A F H M E P
10:00 a.m. - 11:30 a.m.
Perkerson Park

ID the Trees
A F H M E
10:00 a.m. - 12:00 p.m.
Mason Mill Park

Oakland Cemetery Rocks!
F M E
10:00 a.m. - 10:45 a.m.
Bell Tower at Oakland Cemetery

Insect Bingo Scavenger Hunt
F M E
10:30 a.m. - 12:00 p.m.
and 1:00 p.m. - 2:30 p.m.
Grub-ah-Dub Shack

STEM Gems: Giving Girls Role Models
A H M
10:30 a.m. - 12:30 p.m.
Spelman College

A Berry Sweet Experience - Exploring Molecular Gastronomy in Food Science
F
11:00 a.m. - 2:00 p.m.
NVS Soul Food

Spring Tree Walk
A F
11:00 a.m. - 12:15 p.m.
Oakland Cemetery

Build a Sustainable Lego City!
F M E
12:00 p.m. - 4:00 p.m.
Museum of Design Atlanta

Splash into Stream Science
A F H M E
12:00 p.m. - 3:30 p.m.
Cascade Springs Nature Preserve

Become a Scientist
F H M E
1:00 p.m. - 4:00 p.m.
Georgia Gwinnett College Building E

Community Science for Change
A F H
1:00 p.m. - 4:00 p.m.
Check online for venue

Does AI Recognize Me?
H M
1:00 p.m. - 3:00 p.m.
Emory University

Mathapalooza!
A F H M E
1:00 p.m. - 4:00 p.m.
The Paideia School

10 Ways to Help the Planet with CCPL
F E
2:00 p.m. - 4:00 p.m.
Mountain View Regional Library

Discovery Walk Guided Tour: Mason Mill Park
A F H M E
2:00 p.m. - 4:00 p.m.
Mason Mill Park

Wildflower Walk*
F
2:30 p.m. - 4:00 p.m.
Ferbak Museum
This event repeats 3/24

The Many Wondrous Realities of Jasmine Starr-Kidd
F H M
2:30 p.m. - 4:30 p.m.
Alliance Theater Hertz Stage

STEAM Screen on the Green
A F H M E P
7:00 p.m. - 9:00 p.m.
Home Depot Backyard

SUNDAY, 3/19
Garden Wonders
E
10:00 a.m. - 11:15 a.m.,
11:30 a.m. - 12:45 p.m.,
and 1:00 p.m. - 2:15 p.m.
Oakhurst Garden

Come Closer: Carnivorous Plants
A F H M E
10:30 a.m. - 12:00 p.m.
Lush Plant Co.

Family Science Carnival
F M E
1:00 p.m. - 4:00 p.m.
The Paideia School

Ice Cream Science
A F H M
4:00 p.m. - 5:00 p.m.
Decatur Square Bandstand

Frequency
F
5:00 p.m. - 6:00 p.m.
Ferbak Museum

Science vs Movies
A
8:00 p.m. - 9:00 p.m.
Arches Brewing

*These events have repeat sessions.

*These events have repeat sessions.

Continued on next page

ATLANTA SCIENCE FESTIVAL AT A GLANCE

Events in **PINK** are
ALEX'S PICKS

MONDAY, 3/20

Paranormal Phenomena and Pseudo-sciences

A H
7:00 p.m. - 8:00 p.m.
GSU Perimeter College,
Dunwoody Campus

TUESDAY, 3/21

Roob and Noob*

F E P
11:00 a.m. - 12:30 p.m.
Alliance Theatre Rich Theatre
This event repeats 3/22

The Psychedelic 60s!

F A M H E
12:00 p.m. - 1:00 p.m.
GSU Perimeter College,
Clarkston Campus

Germ Busters!

F M H
5:00 p.m. - 6:00 p.m.
Peachtree Library

Astronomy of Star Wars

A F H M E P
6:00 p.m. - 7:00 p.m.
GSU Perimeter College,
Alpharetta Campus

Jazz Hands: A Science Comedy Event

A
7:30 p.m. - 9:30 p.m.
World Studio, Zoo Atlanta

WEDNESDAY, 3/22

O-STEAM

F H M E P
10:00 a.m. - 12:00 p.m. and
1:00pm - 3:00pm
Outdoor Activity Center

Journey of Our Water

F A M H
10:30 a.m. - 12:00 p.m.
Johns Creek Environmental
Campus

Bite Sized Physics

F A M H E
1:00 p.m. - 2:00 p.m.
Georgia State Perimeter
College - Decatur Campus

Mathvenger Hunt!

F A M H E
5:00 p.m. - 8:00 p.m.
Agnes Scott College Bullock
Science Center

Out of This World Science Carnival at Clayton State University

F A M H E
6:00 p.m. - 9:00 p.m.
Clayton State University
Lakeview Discovery and
Science Center

The Plant Hunter: A Scientist's Quest for Nature's Next Medicines

A M H
7:00 p.m. - 8:30 p.m.
Carter Presidential Library &
Museum

THURSDAY, 3/23

"Charlas en Familia" Virtual College Prep and Success Workshop (Spanish)

F M H
11:00 a.m. - 12:30 p.m.
Virtual

R.O.C.K.S. (Rockdale Offers Creative Kids Science) 4-H Family Night

F
6:00 p.m. - 8:00 p.m.
Rockdale County Extension
Office

Gwinnett Family Science Night

F E
6:30 p.m. - 8:00 p.m.
Rhodes Jordan Park
Community Recreation Center

Wild About Science with Cobb 4-H

F M E
6:30 p.m. - 8:00 p.m.
UGA Extension- Cobb County
Office

Meditation & the Brain

A H M
7:00 p.m. - 8:30 p.m.
Virtual

Science & Spirituality

A
7:00 p.m. - 8:00 p.m.
First Christian Church of
Decatur

Pet or Pest? Why Humans Love Some Animals and Loathe Others

A H
7:00 p.m. - 9:00 p.m.
Virtual

Nerd Night ASF!

A
8:00 p.m. - 9:00 p.m.
Arches Brewing - Hapeville

FRIDAY, 3/24

Exploring Atlanta's Urban Parks: Adams Park

A F H M E P
10:00 a.m. - 11:30 a.m.
Adams Park

Wildflower Walk*

F
10:00 a.m. - 11:30 a.m.
Fernback Museum

(Un)Natural History Walk of Constitution Lakes and Doll's Head Trail

A F H M E
11:00 a.m. - 1:00 p.m.
Constitution Lakes

Chemistry Bonanza Demo Show!

A F H M E
5:30 p.m. - 6:30 p.m.
Emory University Atwood
Chemistry Center

Biology of the Despised: Snakes!

F
6:00 p.m. - 7:30 p.m.
Outdoor Activity Center

Get Outside and Get Inventing!

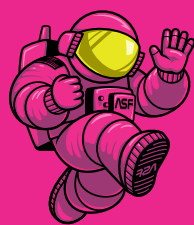
F M E
6:30pm - 7:30pm
Indoor
Little Shop of Stories

Stars, "Moon Rocks" and Other Out of this World Awesomeness

A F H M E P
7:00 p.m. - 10:00 p.m.
GSU Perimeter College
Dunwoody Observatory

Solve for X Science Variety Show

A
8:00 p.m. - 9:00 p.m.
Arches Brewing - Hapeville



Exploration Expo

Saturday, March 25
10:00 a.m. - 4:00 p.m.
Piedmont Park
This event is rain or shine.



P = Preschool (0-4)
E = Elementary school (5-10)
M = Middle school (11-13)
H = High school (14-18)
A = Adults
F = Families



Journey from the reefs of Australia to the wilds of Africa to the glaciers of the north! Hear from three adventurous scientists about the places science has taken them throughout the years; moderated by Molly Samuels from WABE. Where will science take you?

March 10, 2023 • 7:00pm - 9:00pm
Ferst Center for the Arts
Georgia Institute of Technology
349 Ferst Drive
Atlanta, GA 30332

\$20 adults • \$12 kids

This event is appropriate for ages 8 and up.

Presented by:

SCIENCE ATL

WABE

*These events have repeat sessions.

SATURDAY MARCH 11

9:00am - 12:00pm
Indoor
GaTech Campus
Atlanta
Fee: \$65.00

K.I.D.S. Club and STEAM Workshop

Families, Elem. School, Middle School, High School

The Center for Education Integrating Science, Mathematics, and Computing (CEISMC) at Georgia Tech presents K.I.D.S. Club (2nd-5th Grade) and STEAM Workshop (6th- 12th Grade). Join us for a day of programming that encourages students to study and pursue a career in the STEAM fields by participating in a variety of hands-on STEAM activities which promote creativity, problem-solving, and teamwork.

Presented by: Georgia Tech, The Center for Education Integrating Science, Mathematics and Computing (CEISMC)

9:30am - 12:30pm AND
1:30pm - 4:30pm
Indoor
Children's Museum of
Atlanta
Atlanta
Fee: Included with
admission price

Super Hero Science Day

Families, Preschool, Elem. School

Super Heroes love science! Please join us for Super Hero Science Day at the Children's Museum of Atlanta. Dress up in your favorite Super Hero costume and have fun doing some Super Hero Science! With hands-on programming, you'll get to explore everything from bioluminescence for Ms. Marvel to aerodynamics when you build Wonder Woman's jet, and much more.

Presented by: Children's Museum of Atlanta

10:00am - 12:00pm
Outdoor
Grove Park
Atlanta
Fee: Free with adv
registration

Taking out the Trash

Adults, High School, Families, Middle School

Explore the efforts underway in the Proctor Creek watershed to reduce the volume of trash entering the creek and help partners develop solutions to this problem. This interactive workshop will include a brief tour of a trash trap on the creek, an overview of the trash tracking data process, and hands-on activities for you to explore and share your solutions to reduce trash across the community and keep it out of the creek.

Presented by: Groundwork Atlanta, West Atlanta Watershed Alliance, Chattahoochee Riverkeeper



ALEX'S PICK
10:00am - 10:45am AND
1:00pm - 1:45pm
Indoor
Produce'd Indoor
Hydroponic Farm
Atlanta
Fee: Free with adv
registration

Grow Up!

Adults, Families, High School, Middle School, Elem. School



Grow Up with Grow Blocks! Grow Blocks are small, efficient hydroponic systems that fit right in with your home décor and produce enough food to feed your family. They use up to 95% less water than traditional gardening. They also cut down on how far food travels to get to you. This means they're a great environmentally-friendly option! Join us for a guided tour of our

farm where you'll learn all about Grow Blocks. Come and "Grow Up" with us!

Presented by: Produce'd Incorporated

Geocaching 101

Adults, Families, High School, Middle School, Elem. School

Hidden treasure boxes in the woods? Sign me up! Geocaching is a treasure-hunting game in which participants use GPS technology to find containers called "caches" at specific locations marked by coordinates all over the world. Join us for this session to learn all about how geocaching works, and then set out to find more than 10 geocaches at Mason Mill Park. Along the way, you are invited to explore the park, learn to use latitude & longitude, and find hidden caches containing science facts about the park.

Presented by: DeKalb County Department of Recreation, Parks and Cultural Affairs

Geocaching Adventure

Adults, Families, High School, Middle School, Elem. School, Preschool

DeKalb County's Ranger Jonah and several dedicated geocaching enthusiasts have designed two scavenger hunts for you to seek within the forests of Mason Mill, Medlock, and Ira B. Melton Parks. First, a series of geocaches are hidden throughout the park. Second, two Adventure Labs that, once completed, will unlock the location of a bonus geocache for you to find. These scavenger hunts will help you explore the park, learn to use latitude & longitude, and introduce you to locations of scientific and historic importance in the forest.

Please note this opportunity is available daily during daylight hours for the duration of the Festival.

Presented by: DeKalb County Department of Recreation, Parks and Cultural Affairs.

Animals in Motion: Biomechanics Day at Zoo Atlanta

Adults, Families, High School, Middle School, Elem. School, Preschool

Ever wonder how orangutans swing, or how an elephant trunk works? Join us at Zoo Atlanta to celebrate the diversity of animals on Earth and the incredible ways they move. With help from biomechanics experts at the Georgia Tech, you'll get to participate in live demos and presentations sure to generate excitement about biomechanics and applications in Bio-inspired Design. Engaging for all ages! Get inspired to learn more about yourself and the natural world!

Presented by: Zoo Atlanta, Georgia Tech

Starstruck

Families

Meet the final frontier! A Fernbank Science Educator will guide you through fun, hands-on activities demonstrating the concepts that govern the stars. Experiment with gravity, see and touch real meteorites, explore the scale of stars, and more.

Presented by: Fernbank Museum

10:00am - 12:00pm
Outdoor
Mason Mill Park
Decatur
Fee: Free with adv
registration

7:00am - 7:00pm
(daily March 11-24)
Outdoor
Mason Mill Park
Decatur
Fee: Free

10:00am - 2:00pm
Indoor & Outdoor
Zoo Atlanta
Atlanta
Fee: Included with
admission price

11:00am - 12:00pm,
1:00pm - 2:00pm AND
3:00pm - 4:00pm
Indoor
Fernbank Museum
Atlanta
Fee: Included with
admission price;
registration required

11:00am - 2:00pm
Indoor
Center for Advanced
Brain Imaging
Atlanta
Fee: Free



ALEX'S PICK
12:00pm - 5:00pm
Indoor & Outdoor
Georgia Tech Campus
Atlanta
Fee: Free with adv registration



ALEX'S PICK
12:00pm - 3:00pm
Indoor
Fembank Science Center
Atlanta
Fee: Free

1:00pm - 2:00pm
Indoor
Little Shop of Stories
Decatur
Free

Neuroscience is Looking for a Few Good Brains!

Families, Middle School, Elem. School, Adults, High School

Join the GSU/GT Center for Advanced Brain Imaging (CABI) to learn what neuroscience can teach us about how the brain works. Take our interactive center tour and join researchers from GSU and Georgia Tech as we explore the health and development of the brain using magnetic resonance imaging (MRI) and other techniques. You'll also learn about how you can volunteer to participate in critical studies at CABI that help us understand more about the brain! Expert scientists lead this interactive tour and field all your burning questions about what's going on inside your head!

Stop by anytime for this open house event!

Presented by: Georgia State University/ Georgia Institute of Technology Joint Center for Advanced Brain Imaging, Center for Translational Research in Neuroimaging & Data Science (TReNDS Center)

Georgia Tech Science & Engineering Day

Families, Elem. School, Middle School, High School, Adults



Members of the Georgia Tech community are opening their doors for the Atlanta Science Festival! Whether you're interested in robotics, brains, biology, space, art, nanotechnology, paper, computer science, wearables, bioengineering, chemical engineering, or systems engineering, there will be activities for you! Visit campus for hands-on STEAM

activities, exhibits, demonstrations, opportunities to meet student researchers, learn about the research, and so much more happening at Tech!

Presented by: Georgia Institute of Technology - Institute for Electronics and Nanotechnology

Project X: Top Tens of Georgia

Adults, Families, High School, Middle School, Elem. School, Preschool



Bring the whole family and exTEND your science knowledge at Fernbank Science Center's "Project X: Top Tens of GA". From ecology to geology, you'll interact with our exTENSive collections representing TEN science disciplines, organized into top ten lineups found in Georgia. Revel in scintillating science with FREE hands-on activities, live snake encounters,

fantastic fossil finds and dramatic demonstrations, plus enjoy the allure of astronomy and grandeur of geology.

Presented by: DeKalb County School District

From Tears to the Sea!

Families, Elem. School, Preschool

Come hear local author (and 8th grader!) Alex Huynh talk about her book *From Tears to the Sea* and how water conservation inspired her art! Learn more about water conservation and make art with us at the accompanying collage workshop!

Presented by: Little Shop of Stories

Investigation Awaits!! Are you Ready to Hone Your Detective Skills?

Families, Elem. School, Middle School, High School

During this investigation activity, you will use your senses and clues to solve mysteries, and you will use your investigative minds to take on the many roles of a special agent: detective, scientist, psychologist, and enforcer of the law! Through hands-on activities with simple household items, you will learn about the science behind detective work and how their senses combine to impact their experience of the world around them. So grab your magnifying glass, and let's solve the mystery together!

Presented by: Georgia State University Perimeter College, Girl Scout Troop 2284

Water, the Source of Civilizations

Adults, Families, High School, Middle School



What can works of art tell us about a culture's relationship to water? Civilizations throughout time and across the globe have responded in different ways to the excess or scarcity of this most important and precious of molecules. Enjoy a guided tour of the collections of Emory's Michael C. Carlos Museum, engaging with works of art that relate directly to water in daily life, religious ritual, and more.

Presented by: Michael C. Carlos Museum at Emory University

Science of the Circus

Families, Elem. School, Middle School, High School, Preschool



Step right up and learn the science of the Circus! From graceful aerialists and acrobats to whip crackers, jugglers, and balancers, the circus is filled with science! Join amazing Atlanta circus artists as they demonstrate their skills and how science and skill helps make it all possible. Ladies, gentlemen, and children of all ages will enjoy this walkthrough experience.

Presented by: Challenge Aerial, Atlanta Circus Alliance, Extant Dream

Not Just Newts: Behind the Scenes at the Amphibian Foundation

Families, Elem. School, Middle School, High School, Preschool, Adults



Atlanta is home to a unique nonprofit dedicated to the conservation and research of amphibians amidst a global population decline. In 2016, Amphibian Foundation formed to focus on conserving two of Georgia's most imperiled species (Gopher Frog and Flatwoods Salamander). Since then has begun working on other native and globally endangered

amphibians. Closed to the public, this is a chance to see the conservation collections and meet Foundation staff working hard to save these vital and sensitive animals from extinction. Stop by anytime for this drop-in event!

Presented by: Amphibian Foundation

1:00pm - 4:00pm
Indoor
Little Five Points
Community Center
Classroom
Atlanta
Fee: Free with adv registration



ALEX'S PICK
2:00pm - 3:30pm
Indoor
Michael C. Carlos
Museum
Atlanta
Fee: Free with adv registration



ALEX'S PICK
2:00pm - 3:30pm AND
5:00pm - 6:30pm
Indoor
Challenge Aerial
Atlanta
**Fee: \$10 for Adults
18+, \$5 for under 18**



ALEX'S PICK
3:00pm - 5:00pm
Indoor & Outdoor
The Amphibian
Foundation
Atlanta
Fee: Free

3:00pm - 5:00pm
Outdoor
Sykes Park
East Point
Fee: Free

Urban Slug Walk

Adults, Families, Preschool, Elem. School, Middle School, High School

Feeling sluggish? So are we! Come on out on a slug filled adventure where we'll use our eagle eyes to search for these slimy and fascinating creatures, and learn all about them as we hike through Sykes Park! Download the iNaturalist app beforehand, and we'll use that to identify what we find and contribute data to the Atlanta SLIME (Snails and slugs Living In Metropolitan Environments) project! See how many TENTacles you can find in celebration of the 10th Atlanta Science Festival!

Presented by: Georgia State University - Geosciences

4:00pm - 6:00pm
Indoor
Klaus Advanced
Computing Building at
Georgia Tech
Atlanta
Fee: Free

Guthman Music, Art, and Technology Fair

Adults, Families, High School, Elem. School, Middle School

Get a sneak peek at what goes into the latest in music technology by visiting our music, art and technology fair. We'll have all sorts of amazing instruments for you to play and explore. See musicians, artists, engineers, and makers showcase their latest work at this hands-on, interactive showcase.

Presented by: Georgia Tech



ALEX'S PICK

7:00pm - 9:00pm
Indoor
Ferst Center for the Arts
at Georgia Tech
Atlanta
Fee: \$15 public; \$10
Georgia Tech students,
faculty, and staff

Guthman Musical Instrument Competition

Adults, Families, High School, Middle School



A music, engineering, and tech mashup, the Georgia Tech Guthman Musical Instrument Competition is an annual event aimed at identifying the world's next generation of musical instruments and unveiling the best new ideas in musicality, design, engineering, and impact. The Guardian called the competition "The Pulitzer of the New Instrument World."

Meet some of the most innovative instrument makers from around the world as they perform alongside the best musicians from Georgia Tech and around Atlanta. Then vote on your favorites and learn who the audience and the judges pick as this year's winners!

Presented by: Georgia Tech



ALEX'S PICK

7:00pm - 9:00pm
Indoor
Georgia Tech Kendeda
Building for Innovative
Sustainable Design
Atlanta
Fee: \$25

The Devil Wears Science

Adults, High School



Join Georgia Tech STEMComm on the runway! See scientists, designers, and engineers showcase the newest innovations in fashion and wearable science in the nerdiest fashion show of the year. Vote on your favorite designs and strut in your own scientific style on the red carpet to win special event giveaways!

Come sip on some champagne and sit back to see the latest science styles on the catwalk!

Presented by: Georgia Tech/ STEMComm VIP

Intro to Curling: Exploring the Boundary Where Granite Meets Ice

Adults, Families, Middle School, High School

You've seen that Winter Olympic sport with the rocks and sweeping and yelling, but do you know what's actually going on? Sign up for this 2-hour class with the Atlanta Curling Club and we'll explain everything as you learn step-by-step how to throw a stone and sweep it into the "house." We'll cover sweeping, collisions, why the stone "curls" in the wrong direction and more! Your instructor will teach you about the science behind the game, including why the sport is called "curling" (Hint: SCIENCE) and why they're sweeping the ice so hard.

Presented by: Atlanta Curling Club

8:00pm - 10:00pm
Indoor
Atlanta Ice Forum
Duluth
Fee: \$30.00

SUNDAY MARCH 12

Grow Up!

Adults, Families, High School, Middle School, Elem. School



This event is a repeat. See description on Saturday, March 11.

Presented by: Produce'd Incorporated



ALEX'S PICK

10:00am - 10:45am
AND 1:00pm - 1:45pm
Indoor
Produce'd Indoor
Hydroponic Farm
Atlanta
Fee: Free with adv
registration

The Science of Animation

High School, Families, Middle School, Elem. School

Have you ever wondered how animation works in your favorite cartoons? Discover the science behind animation and how our minds perceive pictures in motion. In this hands-on workshop we'll explore how animated images are created and make your own optical toys and animations to take home!

Presented by: The Museum of Animation

12:00pm - 1:30pm
Indoor
Manuel's Tavern
Atlanta
Fee: \$5

Rock n' Walk

Adults, Families, High School, Middle School, Elem. School, Preschool

Millions of years ago, a massive magma chamber cooled below the ground just outside of what is now Atlanta, never erupting through to the surface. Today, we call it Stone Mountain. Join folks from Georgia State University Geosciences on a hike to explore this unique granite dome, learning about the rock and what makes this spot in Atlanta so special including indigenous stories and cultural connections. You'll also be able to 'walk' a Giant Traveling Map of Georgia, explore rock and mineral specimens, 'track' dinosaurs, and identify fossils like a paleontologist!

Presented by: GSU Geosciences

12:00pm - 4:00pm
Indoor & Outdoor
Stone Mountain
Historical and
Education Center
Stone Mountain
Fee: Free



ALEX'S PICK
12:00pm - 4:00pm
 Outdoor
 Chattahoochee Nature Center
 Roswell
Fee: Included with admission price

Flying into the Future

Families, Middle School, Elem. School



Flying into the Future is where science and nature collide to bring you activities focused on STEM – Science, Technology, Engineering, and Math. We are all about forward-thinking at this Family Fun Day! Come ready to learn about flying animals and test your tinkering skills with our STEM-themed partners and activities, crafts and activities that will test your knowledge, and

EcoTinker Science Stations open!

Presented by: Chattahoochee Nature Center



ALEX'S PICK
1:00pm - 3:00pm
 Outdoor
 Emory University
Fee: Free

Discovery Walk: Emory

Adults, Families, High School, Middle School, Elem. School



Science is all around us, often hidden in everyday places - where we live, where we play, and where we walk. Come explore one of these spaces with our latest Discovery Walk map of the Emory campus. Pick up a map from our volunteer and head out with your friends and family on this 2.5 mile route through campus with ten intriguing science stops. Bonus - the walk ends at the Carlos Museum and your map will get you free admission!

Presented by: Science ATL

1:00pm - 3:00pm
 Indoor
 Schwartz Center for Performing Arts
 Atlanta
Fee: Free

Conversations in Creativity with Science Gallery Atlanta

Adults, High School

Art and science are often unfairly placed at opposite ends of the spectrum. The overlaps between the two abound with art inspiring science, science inspiring art, and above all - creativity guiding both. Join Science Gallery, an arts x science venue in Atlanta, for a conversation about creativity and how artists and scientists leverage the intersection of art and science to provoke dialogue and solutions for shared global challenges.

Presented by: Science Gallery Atlanta



ALEX'S PICK
2:00pm - 5:00pm
 Indoor
 The Public Art Futures Lab
 Atlanta
Fee: Free

Tech::Arts: A Virtual Reality Open House

Adults, High School, Middle School, Families

Explore the possibilities of technology and virtual reality in making art! Visit the Public Art Futures Lab to try out a Meta Quest 2 headset and learn how immersive technology is creating new ways to explore art with 3D modeling, painting in VR, spray-painting in VR, and sculpting in VR. Drop-in anytime!

Presented by: Fulton County Arts & Culture; The Public Art Futures Lab

TUESDAY MARCH 14

Breaking Down the Bean: The Science Behind Home Coffee Brewing

Adults

Have you ever wondered what it takes to brew a perfect cup of coffee? Did you know that flavor of your brew ultimately boils down to the science? Join us for a hands-on demonstration as we explore how time, temperature, grind coarseness, and proportion all affect what's in your cup -- and learn how to harness these variables in your own kitchen!

Presented by: Opo Coffee

10:00am - 11:30am
 Indoor
 Opo Coffee
 Decatur
Fee: \$18

CHaRM Recycling Tour

Adults, Families, High School, Middle School, Elem. School

Have you ever wondered what to do with dated electronics or old bottles of household cleaner? What about textbooks, old cans of paint, or even an old mattress? Join us for a tour of Live Thrive Atlanta's CHaRM (Center for Hard to Recycle Materials) Facility, where you'll learn about what happens to our waste and how to make sustainable changes in your household.

Presented by: Live Thrive Atlanta's CHaRM

10:00am - 11:30am
 Outdoor
 The Center for Hard to Recycle Materials (CHaRM)
Fee: Free with adv registration

Sprouting Scientists

Families, Preschool

Little ones can be scientists too! Bring your toddler to discover the fabulous world of plants and animals at the Atlanta Botanical Garden. Hands-on stations focusing on the natural world will introduce toddlers to life science concepts such as metamorphosis and plant diversity. Come and run among the spring blooms, listen to bird songs and have fun at our specially designed stations.

Presented by: Atlanta Botanical Garden

10:00am - 12:00pm
 Outdoor
 Atlanta Botanical Garden
 Atlanta
Fee: Included with admission price

#SpeakUpforScience

Adults, High School

What do we want? Democracy!

When do we want it? Now!

But how do we get there? Speaking with your legislators is a perfect example of democracy in action. They can only serve community needs if they know what you care about. If science is what you care about, log in for this online session with Science for Georgia and learn how to effectively share your opinion with your legislator. Then come see our booth at the Exploration Expo to learn more about how you can get involved!

Presented by: Science for Georgia

12:00pm - 1:00pm
 Virtual
Fee: Free with adv registration

6:00pm - 8:00pm
Indoor & Outdoor
Cousins Center of
Science and Innovation,
Oglethorpe University
Brookhaven
**Fee: Free with adv
registration**

STEMFest: Hands-on Science for Families at Oglethorpe University

Families, Elem. School, Middle School, Adults

Calling all science enthusiasts! Ready to get your science on in Brookhaven? Come on over to Oglethorpe University to join university students and science faculty geeking out and interacting with cool STEM activities. We'll wow you with chemistry, blow your mind with biology, have some fun with physics, and get you excited about all that science have to offer! Join us for this fun, hands-on, family-friendly event!

Presented by: Oglethorpe University

6:30pm - 7:30pm
Indoor
Georgia Tech Student
Center - Atlantic
Theater
Atlanta
Fee: Free

The Molecular World with Dr. Pete

Adults, High School, Middle School

Dr. Pete's decades of experience as a molecular modeling researcher and stand-up comedian bring you a hilarious look at the chemicals that affect your life every day. Using simulations and demonstrations we will finally decipher those funny-sounding ingredients in the side panels on consumer products.

Presented by: Doctor Pete Productions LLC

Exploring Atlanta's Urban Parks: Chosewood Park

Adults, Families, High School, Middle School, Elem. School, Preschool



You can find nature everywhere! Come with us to discover your city parks! During this hike, you'll learn the basics on how to be prepared for beginner hiking, tree identification, how wildlife interacts from the urban forest, plus how we can benefit from what the urban forest can provide for us.

Presented by: Trees Atlanta

Hypersonics with Hermeus

High School, Adults



The future is faster! Join us at Hermeus for an action-packed tour and panel discussion all about manufacturing, avionics, and hypersonics. Learn how we are making the world's fastest aircraft. Here's a hint: It's engineering, not science. Race you there! Check online for special regulations for this event.

Presented by: Hermeus



ALEX'S PICK
10:00am - 11:30am
Outdoor
Chosewood Park
Atlanta
**Fee: Free with adv
registration**



ALEX'S PICK
3:00pm - 4:30pm
Indoor
Hermeus Corporation
Atlanta
Fee: \$10

WEDNESDAY MARCH 15



ALEX'S PICK
**10:00am - 12:30pm
AND 11:30am -
2:00pm**
Indoor
Center for Puppetry
Arts
Atlanta
**Fee: \$16.50 (this
includes 25% discount)**

Penguin in My Pocket: Puppets + Science = MAGIC!

Families



Join the Center for Puppetry Arts and Hunter Marionettes as they introduce you to Penguin in My Pocket! Your amazing Atlanta Science Festival experience will include a puppet show, a Create-A-Puppet Workshop™, Museum exhibits with specialized learning stations and much more! Have a blast learning about simple machines, creative problem solving and the

STEAM of puppetry. Puppets + Science = MAGIC!

Use code ASF for 25% off your ticket for these special ASF shows!

This event has show times running throughout the festival, check online to learn more!

Presented by: Center for Puppetry Arts

13th Annual SSEF STEAM Showcase

Elem. School, Middle School, High School, Families, Adults

Sandy Springs Education Force invites the entire community to their 13th annual, award winning STEAM Showcase. No matter your age, you will enjoy dozens of interactive, hands-on technology and art demonstrations from STEAM business and educational leaders. Experience cutting-edge technology in the Internet of Things, robotics, gaming, healthcare and entertainment exhibits. We promise you will leave inspired about what the future holds!!

Presented by: Sandy Springs Education Force

Science Improv

Adults, High School, Middle School



It's improv comedy with a science twist! Come see experienced improv actors and professional scientists take the stage together to put on a unique entertainment and educational experience. The audience will provide scientific suggestions to drive the performance, and you're sure to have a great time and come away having learned something too! Comedy improvisation has never been geekier.

Presented by: Georgia Tech, Whole World Improv Theater



ALEX'S PICK
7:30pm - 9:30pm
Indoor
Whole World Improv
Theater
Atlanta
**Fee: \$10 per person,
\$5 students**

THURSDAY MARCH 16



ALEX'S PICK
10:00am - 10:30am
 Virtual
Fee: Free with adv registration

Live Moon Viewing

Middle School, Elem. School



Join the GT Observatory and STEM@GTRI for a virtual event that shares a live viewing of the moon using the Aloha telescope! Tune in and you will have the opportunity to control a telescope hundreds of miles away to get a closer look at the features of the moon, and learn all about our closest neighbor from GT Observatory Director Dr. Jim Sowell.

Presented by: Georgia Tech Observatory, STEM@GTRI

1:00pm - 3:30pm
 Outdoor
 First Presbyterian Church of Atlanta
 Parking Lot
 Atlanta
Fee: \$5

Roadside Geology

Families, Adults, Middle School, High School

Tag along with two geologist-educators to see the beautiful building stones and folded natural rock layers of Midtown Atlanta, on a tour from Symphony Hall to Rhodes Hall. Dr. Bill Witherspoon, co-author of *Roadside Geology of Georgia*, teams up with highly sought guest speaker from Georgia Mineral Society (GMS), Bill Waggenger, to interpret the stories that rocks tell.

Presented by: Georgia Mineral Society, georgiarocks.us



ALEX'S PICK
6:30pm - 8:00pm
 Outdoor
 Magnolia Hall
 Atlanta
Fee: \$15

Piedmont Park Science Trivia

Adults



What's better than science trivia? Science trivia with drinks! Assemble your trivia team or happy hour crew and have some science fun with us! From trees to avian anatomy and Piedmont Park nature, we've got you covered. Show off your science skills or learn more with us in the heart of Piedmont Park! Adults only, 21+, ticket includes three drinks.

Presented by: Piedmont Park Conservancy

7:00pm - 8:00pm
 Virtual
Fee: Free with adv registration

3D Printing with Lasers

Adults, High School, Middle School

Nanotechnology is the study of objects smaller than the width of a human hair. Engineers and scientists manipulate objects on this scale for a variety of uses. But how do they work with things that small? At Georgia Tech's Institute for Electronics and Nanotechnology, scientists and engineers use lasers to print and nanoscale objects. Join us for this online session where we show you how it's all done!

Presented by: Georgia Tech Institute for Electronics and Nanotechnology

The Story Collider

Adults

The Story Collider brings true, personal stories about science to life. At this live show, you'll hear scientists tell heartwarming (and heartbreaking) stories about their failures, successes, and everything in between, and you'll also hear from people who haven't had a formal connection to science in years. Science is a part of all of our lives and The Story Collider brings chemists, comedians, actors, neuroscientists, writers, and physicists alike onto the stage to tell their (true) stories.

Presented by: The Story Collider



ALEX'S PICK
7:30pm - 9:00pm
 Outdoor
 Waller's Coffee Shop
 Decatur
Fee: \$15 (\$10 for students/artists)

FRIDAY MARCH 17

Coffee Roasting, Seed to Sip: A Scientific Exploration from Green to Brown to Black

Adults



Ever wonder how and why coffee beans turn brown during roasting? Join Opo Coffee's lead roaster in a hands-on experience, learning about the chemical changes that occur during the coffee roasting process, discussing the variables at play, and then getting to roast a batch of your own coffee to take home!

Presented by: Opo Coffee



ALEX'S PICK
12:00pm - 2:00pm
 Indoor
 Opo Coffee
 Decatur
Fee: \$18
This event repeats 3/23 and 3/24

Twilight Tots at Zoo Atlanta

Families, Preschool

Bring your littlest ones for an evening of exploring the Zoo after-hours! Enjoy a mini tour of the Zoo with a Zoo Educator, stopping along the way to sing songs, hear animal stories, and dance like an animal! This program is designed for families with children ages 0-5, with opportunities for exploration for ages 0-2. Introduce your young conservationist to wildlife, inspiring them to learn more about animals and the natural world!

Presented by: Zoo Atlanta

4:30pm - 6:00pm
 Outdoor
 Zoo Atlanta
 Atlanta
Fee: \$24 for a parent/guardian and child (each additional child participant will be \$5/each)

Family STEAM Movie Night

Families, Preschool, Elem. School, Middle School

What's better than a Friday movie night? A STEAM Friday movie night of course! Join The Happy Black Parent as we watch the National Geographic film, *Science Fair*, at the beautiful Pittsburgh Yards development in southwest Atlanta. We'll chat about the movie and have maker stations set up for you and your kiddos to explore before and after!

Presented by: The Happy Black Parent, Pittsburgh Yards

6:30pm - 8:30pm
 Indoor
 Pittsburgh Yards
 Atlanta
Fee: Free with adv registration

**ALEX'S PICK**

Indoor
The Paideia School
Atlanta
Check online for ticket price

Gap Junction - Public Dance Performance!

Adults, Families, High School, Middle School, Elem. School, Preschool



Gap Junction originated from research into neurological pathways. Every brain has a unique response to stressors influenced by genetics, culture, upbringing, and demographics. Come, witness the Gap Junction cast find their similarities and differences, drawing on their own experiences and lives, particularly Messina's: a Sicilian-American, spending her

formative years in a multi-generational household, followed by eight years in the urban south. This performance is a treat for all, with familiar music, high energy, and a dance-along at the end!

Presented by: Rogue Wave Dance

SATURDAY MARCH 18

**ALEX'S PICK**

9:00am - 10:30am,
12:00pm - 1:30pm AND
2:00pm - 3:30pm
Outdoor
Outdoor Activity Center
Atlanta
Fee: Free with adv registration

Afro-STEM

Families, Adults, High School, Middle School, Elem. School, Preschool



The West Atlanta Watershed Alliance presents Afro-STEM, a celebration of science through an Afrocentric lens! Much of our modern world, including technology, medicine, art, and even space exploration, has been shaped by black and African thinkers and cultures. Join our "fair-style" event as we recognize and explore those contributions. Participate in hands-on

STE(A)M activities, interactive presentations, and engaging demonstrations inspired by black and African scientists, inventors, artists, cultures, and history.

Presented by: West Atlanta Watershed Alliance

HealthHacks 2023

High school, Middle school

Interested in science and public health? Would you like to dabble in coding? Join us Saturday and Sunday for a deep dive into coding at HealthHacks2023, an annual health themed hackathon for middle and high school girls, and present your final hacked solution at our closing presentation Sunday evening! Come learn to code with Scratch and create your own project to address global health problems! All levels of expertise are welcome, especially those without prior coding experience!

Presented by: Emory's Citizen Science Health and Diversity

9:00am - 5:00pm
Indoor
Emory University
Atlanta

Southside River Rendezvous

Adults, Families, High School, Middle School, Elem. School

Meet us for the Southside River Rendezvous to explore Atlanta's three rivers – the Chattahoochee, the Flint, and the South River! You'll discover some of the Southside's hidden freshwater features, learn how to collect water samples and watch scientists perform water quality testing! Southside River Rendezvous is part of an on-going effort to collect water quality data, increase awareness and protection of Atlanta's three rivers.

Presented by: Finding the Flint, Flint Riverkeepers, South River Watershed Alliance, Chattahoochee Riverkeepers, American Rivers

Amphibian Foundation's Annual Salamander Stroll

Families, Adults, High School, Middle School, Elem. School



Come on out to Clyde Shepherd Nature Preserve in Decatur and witness wildlife with regional experts from the Amphibian Foundation. Become 'citizen scientists' and perform an amphibian 'bioblitz' inventory of the preserve documenting salamanders and frogs in one of the last strongholds for amphibians inside of the perimeter! Everyone and their

families are encouraged to attend and bring your cell phones to upload images of what we find to iNaturalist.

Presented by: Amphibian Foundation, Clyde Shepherd Nature Preserve

Beginner Birding 101

Elem. School, Families

Ever wonder which birds make melodic tunes to wake you up every morning or wanted to see the magnificent colors they display in real-time? Come explore an introductory course to birdwatching and observe our modern-day dinosaurs with Georgia Audubon. Led by our staff ornithologist, we will cover the basics of identification, binocular use, and safety to get you started on your bird discovery journey. Following guided instruction, we will test our skills on a trip through Grant Park to see just how many feathered friends we can find!

Presented by: Georgia Audubon

Exploring Atlanta's Urban Parks: Perkerson Park

Adults, Families, High School, Middle School, Elem. School, Preschool



You can find nature everywhere! Come with us to discover your city parks! During this hike, you'll learn the basics on how to be prepared for beginner hiking, tree identification, how wildlife interacts from the urban forest, plus how we can benefit from what the urban forest can provide for us.

Presented by: Trees Atlanta

9:00am - 1:00pm
Outdoor
Clayton State
University
Morrow
Fee: Free with adv registration

**ALEX'S PICK**

10:00am - 11:30am
Outdoor
Clyde Shepherd
Nature Preserve
Decatur
Fee: Free

10:00am - 11:30am
Outdoor
Grant Park
Atlanta
Fee: Free with adv registration

**ALEX'S PICK**

10:00am - 11:30am
Perkerson Park
Atlanta
Fee: Free with adv registration



ALEX'S PICK
10:00am - 12:00pm
 Outdoor
 Mason Mill Park
 Decatur
Fee: Free with adv registration

ID the Trees

Elem. School, Middle School, Families, Adults, High School



If Atlanta is really "The City in the Forest" shouldn't we know what kind of trees surround us? Join DeKalb County's Ranger Jonah for a walk all about trees! We'll take a stroll through Mason Mill Park and learn techniques for identifying trees by their bark, leaves, flowers, and fruit. Find out to tell a Loblolly pine from other native pines! From the common water oak

to the rare winged elm, come fall in love with trees at this awesome city park!

Presented by: DeKalb County Department of Recreation, Parks and Cultural Affairs



ALEX'S PICK
10:00am - 10:45am
 Outdoor
 Bell Tower at Oakland Cemetery
 Atlanta
Fee: Free with adv registration

Oakland Cemetery Rocks!

Families, Elem. School, Middle School



Oakland Cemetery Rocks! Join cemetery preservationists for a hands-on geology workshop and cemetery scavenger hunt. Learn how to identify several stone types, see how the preservation of monuments and grave markers takes place, and find out how the elements affect different types of stone. Following the workshop, use your best sleuthing skills on the

geology scavenger hunt to find the different types of stones and materials around the site.

Presented by: Historic Oakland Foundation

10:30am - 12:00pm
AND 1:00pm - 2:30pm
 Indoor & Outdoor
 Grub-ah-Dub Shack
 Atlanta
Fee: \$5

Insect Bingo Scavenger Hunt

Families, Elem. School, Middle School

Join WunderGrubs to explore the super powers of bugs! We'll start our insect exploration with a bingo scavenger hunt and then tour our mealworm vertical farm in Midtown near Piedmont Park on the Atlanta Beltline Eastside Trail. You'll hear all about how mealworms can be used to help solve many of today's environmental problems as a food, feed, and fertilizer, plus so much more! Bonus: buggy treats for you to taste!

Presented by: WunderGrubs

10:30am - 12:30pm
 Indoor
 Spelman College
 Atlanta
Fee: \$5

STEM Gems: Giving Girls Role Models

Families, High school, Middle school, Adults

Join us for an interactive panel discussion that will enlighten and empower girls and young women to pursue careers in STEM: Science, Technology, Engineering, and Math! You'll meet exceptional women from a diverse set of STEM careers and learn about the unique journeys that led to their respective careers. You'll understand what they do, how they make a difference in the world, and how they help people using STEM. You'll walk away with advice, guidance, and to-do's specific for girls and young women to help jumpstart their STEM journeys. As a bonus, you'll take home some STEM Gems swag that includes the 44 STEM Gems and STEM careers featured in the STEM Gems book!

Presenting Partner: STEM Gems, Spelman College

A Berry Sweet Experience - Exploring Molecular Gastronomy in Food Science

Families

Have you ever wondered how chefs create spectacular dish presentations that are physically unique? Join The Village Tutorial and Enrichment Program as we discover food science through molecular gastronomy and berries! You will explore, observe, and experience physical and chemical changes to create an amazing dessert that is a wonder to the eyes and loaded with flavor to eat. It'll be a BERRY SWEET time!

Presented by: The Village Tutorial and Enrichment Program

11:00am - 2:00pm
 Indoor
 NVS Soul Food
 Jonesboro
Fee: \$7

Spring Tree Walk

Adults, Families

Did you know that Oakland Cemetery is home to more than 1,600 trees, from majestic oaks and mighty magnolias to demure crape myrtles and dogwoods? Oakland's trees feed and shelter wildlife, help reduce air pollution and provide welcome shade for visitors. Many stand as living memorials to generations past. Stroll with us through Oakland's amazing arboretum and learn from knowledgeable guides about some of our favorite trees!

Presented by: Historic Oakland Foundation

11:00am - 12:15pm
 Outdoor
 Oakland Cemetery
 Atlanta
Fee: Free with adv registration

Build a Sustainable Lego City!

Families, Elem. School, Middle School

What is sustainability, and how can this concept help us create better cities for people and our planet? Learn about sustainable design and how we can use it to make cities cleaner, quieter, safer, healthier, and more accessible.

After touring our exhibits space, you'll be challenged to add to our sustainable Lego city with your own building or feature. Let's see how awesome we can make our city together!

Presented by: MODA

12:00pm - 4:00pm
 Indoor
 Museum of Design
 Atlanta
 Atlanta
Fee: Included with admission price

Splash into Stream Science

Families, Elem. School, Middle School, High School, Adults

Examine the world of water by catching and studying bugs and other critters that reveal the health of a local stream in southwestern Atlanta. Test water quality and learn how changing environmental conditions can affect the livelihood of habitats and how that relates to human activities. Join in games and engage in laboratory and field science at different stations next to the creek, or jump in and "get your feet wet" to participate in data collection in the water!

Presented by: GSU Geosciences, Fulton County Public Works, Project WET, Adopt-a-Stream

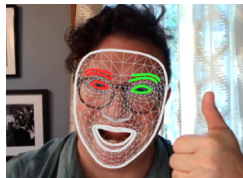
12:00pm - 3:30pm
 Outdoor
 Cascade Springs
 Nature Preserve
 Atlanta
Fee: Free with adv registration

**ALEX'S PICK****1:00pm - 4:00pm**Indoor
Georgia Gwinnett
College Building E
Lawrenceville
Fee: Free**Become a Scientist****Families, High School, Middle School, Elem. School**

Do you know what it takes to become a scientist? Come to Georgia Gwinnett College to hear the science journey of a diverse group of scientists. Experience how science works while diving into immersive, hands-on experiences that will allow you to see science in action. Become a scientist for a day and experience science!

*Presented by: Georgia Gwinnett College***1:00pm - 4:00pm**Check online for venue
**Fee: Free with adv
registration****Community Science for Change****Adults, Families, High School**

Impact your neighborhood through Science! Communities across Atlanta have partnered with the Emory HERCULES Exposome Research Center to tackle local environmental health issues. Step into the shoes of these citizen scientists and experience the tools and methods used to track contaminants, monitor water quality, test air samples, and more. Explore the impacts that citizen scientists all across the city have had on their communities, and see how you could be the next!

Presented by: Emory's HERCULES Exposome Research Center**ALEX'S PICK****1:00pm - 3:00pm**Emory University
Atlanta
**Fee: Free with adv
registration****Does AI Recognize Me?****High School, Middle School**

Silicon Valley dominates AI tech like voice and face recognition. We use these daily, but do they work for everyone – or you? The less you are like the technology creators, the less likely these technologies will work for you. This workshop will show you how to make the technology work for you, and will give you a kick start by teaching you many of the important ideas. You will get

hands-on experience training AI to recognize your voice and face.

*Presented by: Emory University***1:00pm - 4:00pm**The Paideia School
Atlanta
**Check online for ticket
price****Mathapalooza!****Families, Elem. School, Middle School, High School, Adults**

Engage with mathematics as you have never experienced it before! Come explore remarkable puzzles and games, gaze upon at mathematical art, and watch Atlanta's vibrant arts community interpret math on stage with magic, drama, music, and dance.

*Presented by: Mathematics in Motion, Julia Robinson Mathematics Festival***10 Ways to Help the Planet with CCPL****Families, Elem. School**

Celebrate the 10th annual Atlanta Science Festival with 10 Ways to Help the Planet!! Visit fun hands-on STEM activity stations while engaging with community partners throughout the library to raise awareness of Climate Change and Global Warming and to learn about 10 hands-on, simple solutions that everyone can do to help our planet. STEM Take and Make bags will be given out to the first 100 participants. No registration required.

*Presented by: Cobb County Public Library System***Discovery Walk Guided Tour: Mason Mill Park****Adults, Families, High School, Middle School, Elem. School**

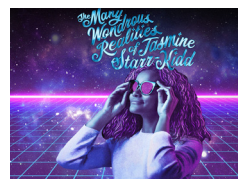
Science is all around us, often hidden in everyday places - where we live, where we play, and where we walk. On this docent-guided Discovery Walk through Mason Mill Park, you will uncover some of this secret science on a family-friendly route with ten intriguing science stops!

*Presented by: DeKalb County**Department of Recreation, Parks and Cultural Affairs, Science ATL***Water, the Source of Civilizations****Adults, Families, High School, Middle School**

What can works of art tell us about a culture's relationship to water? Civilizations throughout time and across the globe have responded in different ways to the excess or scarcity of this most important and precious of molecules. Enjoy a guided tour of the collections of Emory's Michael C. Carlos Museum, engaging with works of art that relate directly to water in daily life, religious ritual, and more.

*Presented by: Michael C. Carlos Museum at Emory University***Wildflower Walk****Families**

Join us for a group walk to celebrate the beginning of spring in Fernbank Forest! You'll learn about the different kinds of native wildflowers found both in the forest and around Atlanta!

*Presented by: Fernbank Museum***The Many Wondrous Realities of Jasmine Starr-Kidd****Middle School, High School, Families**

Computer hacking, AI, giant lasers, and time travel? Sign us up! Join the Alliance Theatre for a special showing of *The Many Wondrous Realities of Jasmine Starr-Kidd*, the heartwarming story of second chances and learning that sometimes the things you can't change are the things that should have happened all along. Following the show, dissect

the science behind these concepts with expert scientists!

*Presented by: Alliance Theatre***2:00pm - 4:00pm**Indoor & Outdoor
Mountain View Regional
Library
Marietta
Fee: Free**ALEX'S PICK****2:00pm - 4:00pm**Outdoor
Mason Mill Park
Decatur
**Fee: Free with adv
registration****ALEX'S PICK****2:00pm - 3:30pm**Indoor
Michael C. Carlos
Museum
**Fee: Free with adv
registration****2:30pm - 4:00pm**Outdoor
Fernbank Museum
**Fee: Included with
admission price;
registration required****ALEX'S PICK****2:30pm - 4:30pm**Indoor
Alliance Theatre Hertz
Stage
**Fee: \$10 teens, \$45
adults**

7:00pm - 9:00pm
Outdoor
Home Depot Backyard
Atlanta
Fee: Free with adv registration

STEAM Screen on the Green

Adults, Families, Middle School, Elem. School, Preschool

Join us for a screening of the movie *Fantasy Football* at the super cool outdoor venue just outside Mercedes Benz Stadium, the Home Depot Backyard. What does football have to do with science? Watch the movie, hear from our scientists and engineers, and you'll find out!

Presented by: Brown Toy Box, Home Depot Backyard

8:00pm - 10:00pm
Indoor
Atlanta Ice Forum
Duluth
Fee: \$30.00

Intro to Curling: Exploring the Boundary Where Granite Meets Ice

Adults, Families, Middle School, High School

This is a repeat event. See description on March 11.

Presented by: Atlanta Curling Club

SUNDAY MARCH 19

**10:00am - 11:15am,
11:30am - 12:45pm
AND 1:00pm - 2:15 pm**
Outdoor
Oakhurst Garden
Decatur
**Fee: \$8 per child, adults
free w/child**

Garden Wonders

Elem. School

Explore Wylde Center's Oakhurst Garden with a naturalist! From a behind the scenes tour of our greenhouse to a creek exploration to look for salamanders to getting a taste of the sweet honey from our beehives, you'll learn all about this intown garden wonderland!

Presented by: Wylde Center



ALEX'S PICK
10:30am - 12:00pm
Outdoor
Lush Plant Co.
Decatur
Fee: Free with adv registration

Come Closer: Carnivorous Plants

Families, Adults, High School, Middle School, Elem. School



Carnivorous plants don't just lure in the bugs... they capture our attention as well! Join us for this deep dive into some of the coolest plants out there! We'll show you all sorts of these bug eating plants, talk about how they work, and even set up a "Feed the Fly Traps" station for you to see the plants gobble up their meals! Bring a picnic blanket and join us on the lawn at

Lush Plant Co. to learn all about these fascinating plants!

Presented by: Lush Plant Co., Atlanta Carnivorous Gardens

Family Science Carnival

Families, Elem. School, Middle School



Hey Atlanta! Bring the whole family out for a science carnival mashup! Parents and kids can play with--or against--each other in games based on some of your favorite classic science experiments and beloved carnival games. Come check out the Air Cannon Shoot, Giant Jenga, Sound Wave Splash, and more! Stop by each of our stations to learn some science and have

some carnival-style fun! Can't wait to see you at this special Atlanta Science Festival event!

Presented by: The Paideia School, Science of Fun STEM Camps

Roadside Geology

Families, Adults, Middle School, High School

This is a repeat event. See description on March 16.

Presented by: Georgia Mineral Society, georgiarocks.us

Ice Cream Science

Families, Elem. School, Middle School, High School

We all scream for ice cream! But have you ever really thought about what it is? A liquid? A solid? A glass? Ice cream has more in common with toothpaste, froth, and glass than you might expect. Join physicists Daniel Sussman and Michael Czajkowski for an exploration of the physics of disordered solids, and answers to the questions you never knew to ask about ice cream. We promise the only brain freeze will come from the ice cream, not from the science!

Presented by: Science for Georgia

Frequency

Families

What do colors and music have in common? Math! Wait, math? Yep! This playful, interactive presentation will take you on a tour of your own senses with math and science as a guide.

Presented by: Fernbank Museum

Science vs Movies

Adults



Bat DNA turning a man into a vampire. Ghosts made of Bose-Einstein condensates. The moon falling into the Earth. We're going to force our science communicators to watch short movie clips and then explain why the science in them is 100% accurate, yes, even the bit about using bombs to stop earthquakes.

Presented by: Dragon Con Science Track, Stephen Granade, Rae Pendergrass



ALEX'S PICK

1:00pm - 4:00pm
Indoor & Outdoor
The Paideia School
Atlanta
Fee: Free with adv registration

2:00pm - 3:30pm
Outdoor
First Presbyterian
Church of Atlanta
Parking Lot
Atlanta
Fee: \$5

4:00pm - 5:00pm
Outdoor
Decatur Square
Bandstand
Decatur
Fee: \$5

5:00pm - 6:00pm
Indoor
Fernbank Museum
Atlanta
Fee: Free with adv registration



ALEX'S PICK

8:00pm - 9:00pm
Indoor & Outdoor
Arches Brewing
Hapeville
Fee: \$10

MONDAY MARCH 20

7:00pm - 8:00pm
Indoor
GSU Perimeter
College, Dunwoody
Campus
Dunwoody
Fee: Free

Paranormal Phenomena and Pseudo-sciences

Adults, High School

Flat Earth, aliens, astrology, homeopathy, crystals, vaccinations, and more... What's science? What isn't? We will have professors from geology, biology, astronomy, philosophy, and more to dig into the evidence and science behind all of these topics and the issues surrounding them.

Presented by: GSU Perimeter College

Germ Busters!

Middle School, High School, Families

Prepare yourself for battle... against viruses! Although handwashing with soap in water is always your best bet for beating germs, join Dr. Shane Pruitt from UGA's College of Pharmacy as he teaches you how to "compound" your own hand sanitizer. Then, stick around for a special presentation about different pharmacy careers and how you can start preparing for one now!

Presented by: University of Georgia College of Pharmacy

5:00pm - 6:00pm
Indoor
Peachtree Library
Atlanta
Fee: Free with adv registration

Astronomy of Star Wars

Adults, Families, High School, Middle School, Elem. School, Preschool

One with the Force you are? Join us for an all-ages sci-fi adventure where Professor Jay Dunn teaches us about aliens and worlds in our galaxy and in a galaxy far, far away!

Presented by: GSU Perimeter College

6:00pm - 7:00pm
Indoor
GSU Perimeter
College, Alpharetta
Campus
Alpharetta
Fee: Free

TUESDAY MARCH 21



ALEX'S PICK
11:00am - 12:30pm
Indoor
Alliance Theatre Rich
Theatre
Atlanta
Fee: Free for ages 0-2; \$5 for ages 3-5; \$10 for ages 6-17; \$15 for ages 18+

Roob and Noob

Families, Preschool, Elem. School



Meet Roob & Noob: two overly curious scientists who love nothing more than discovering something new. Join them on an interactive adventure, as they build machines from simple objects and explore the wonder and sensations of each of the four seasons. Inspired by Rube Goldberg's magical machines, this unique theatrical performance combines

science and the arts, proving that sometimes the most profound discoveries are achieved by simply playing.

Presented by: Alliance Theatre



ALEX'S PICK
12:00pm - 1:00pm
Indoor
GSU Perimeter
College, Clarkston
Campus
Clarkston
Fee: Free with adv registration

The Psychedelic 60s!

Elem. School, Middle School, High School, Families, Adults



Travel back in time to the psychedelic sixties! Come learn about ten amazing scientific achievements from that iconic decade and make your own moon rocks, psychedelic lava lamps and color changing flowers!

Presented by: PreProfessional Chemistry Club - Clarkston Campus - Georgia State University - Perimeter College

Jazz Hands: A Science Comedy Event

Adults

Scientists are funny! And because we're scientists, we've got data to back that statement up!. Back by popular demand, and *in 3D*...come see scientists do comedy at Science Jazz Hands! Learn the answers to all of life's mysteries, like "how can you make a math pun that bad?" and "how is religion like nuclear physics?"

Presented by: Science for Georgia, Zoo Atlanta

7:30pm - 9:30pm
Indoor
World Studio, Zoo
Atlanta
Atlanta
Fee: \$20 normal humans / \$10 students

WEDNESDAY MARCH 22

O-STEAM

Preschool, Elem. School, Middle School, Families

Hike through the old-growth forest with WAWA and enjoy STEM activities along the way! We will study 100-year-old trees, test the water quality in Utoy Creek, get artistic, and observe rocks that make up an old and dry cascade. Come join us and bring your classmates and family for a fun-filled day!

Presented by: West Atlanta Watershed Alliance

10:00am - 12:00pm
AND 1:00pm - 3:00pm
Outdoor
Outdoor Activity
Center
Atlanta
Fee: Free with adv registration

10:30am - 12:00pm
Indoor
Johns Creek
Environmental
Campus
Roswell
**Fee: Free with adv
registration**



ALEX'S PICK
11:00am - 12:30pm
Indoor
Alliance Theatre Rich
Theatre
Atlanta
**Fee: Free for ages 0-2;
\$5 for ages 3 - 5; \$10
for ages 6-17; \$15 for
ages 18+**

1:00pm - 2:00pm
Outdoor
Georgia State Perimeter
College - Decatur
Campus
Decatur
**Fee: Free with adv
registration**

5:00pm - 8:00pm
Indoor & Outdoor
Agnes Scott College
Bullock Science Center
Decatur
Fee: Free

Journey of Our Water

Adults, Families, High School, Middle School

Ever wonder where our water comes from and what happens to water before and after we use it? Come take an educational journey through the Johns Creek Environmental Campus and learn about the entire water treatment cycle! Watch millions of gallons of water journey through the process of treatment; learn about the latest in treatment technology, all while touring a state-of-the-art treatment facility. See the pipes and actual treated water and learn about where it goes when it's all cleaned. A perfect opportunity to find out how your water is kept clean and safe!

Presented by: Fulton County, Veolia Water, and D. Clark Harris

Roob and Noob

Families, Preschool, Elem. School



This is a repeat event. See description on March 21.

Presented by: Alliance Theatre

Bite Sized Physics

Adults, Families, High School, Middle School, Elem. School

Take a bite out of science with our Bite Sized Physics event! Run on a non-Newtonian fluid! Watch waves in action! Make static electricity with a Van de Graff generator! And more!

Presented by: Georgia State University- Perimeter College

Mathvenger Hunt!

Families, Adults, Elem. School, High School, Middle School

Do you like doing scavenger hunts but wish they were nerdier? Do you enjoy solving fun math problems but also want a lot of pointless walking around between questions? Did you complete a Mathvenger Hunt in the past two years and are eager to try a brand new set of math puzzles? What's the opposite of "no"?

If you said "yes" to any of the above, join us for our third Mathvenger Hunt, the third incarnation of the oldest Mathvenger Hunt in the history of the Western Hemisphere.

Recommended for 4th grade and up.

Presented by: Agnes Scott College

Out of This World Science Carnival at Clayton State University

Families, Adults, High School, Middle School, Elem. School

Come experience awesome science at Clayton State University! We'll have hands-on activities, demos, and talks about biology, chemistry, and physics of alien life and space travel. Come dressed up as your favorite space person or alien (the best costume wins a special prize!) and come look for signs of alien life on campus!

Presented by: Clayton State University Department of Chemistry/ Physics, Clayton State University Department of Biology, STEM Cell Club, Clayton State University

The Plant Hunter: A Scientist's Quest for Nature's Next Medicines

Adults, High School, Middle School



Join leading medical ethnobotanist and explorer, Dr. Cassandra Quave, as she shares the story of her quest to develop new ways to fight illness and disease through the healing powers of plants. Book signing of her uplifting and adventure-filled memoir, *The Plant Hunter*, and herbal tea blending activity to follow the talk!

Presented by: Emory University, A Capella Books, Carter Presidential Library & Museum

6:00pm - 9:00pm
Indoor & Outdoor
Clayton State
University Lakeview
Discovery and Science
Center
Morrow
**Fee: Free with adv
registration**



ALEX'S PICK
7:00pm - 8:30pm
Indoor
Carter Presidential
Library & Museum
Atlanta
Fee: \$5

THURSDAY MARCH 23

Breaking Down the Bean: The Science Behind Home Coffee Brewing

Adults

This is a repeat event. See description on March 14.

Presented by: Opo Coffee

10:00am - 11:30am
Indoor
Opo Coffee
Decatur
Fee: \$18

11:00am - 12:30pm
Virtual
Fee: Free with adv
registration

"Charlas en Familia" Virtual College Prep and Success Workshop (Spanish)

High school, Families, Middle School

Únase al programa GoSTEM de Georgia Tech en este taller virtual en español con miembros de la industria para compartir información importante y consejos útiles para preparar y comenzar una exitosa carrera universitaria.

Join the GoSTEM program at Georgia Tech as they lead a Spanish-language virtual workshop with industry partners to share key information and helpful tips to launch a successful college experience!

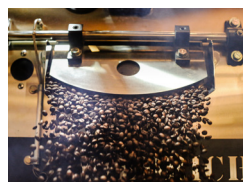
Presented by: Georgia Tech - CEISM



ALEX'S PICK
12:00pm - 2:00pm
Indoor
Opo Coffee
Decatur
Fee: \$18

Coffee Roasting, Seed to Sip: A Scientific Exploration from Green to Brown to Black

Adults



This is a repeat event. See description on March 17.

Presented by: Opo Coffee

6:00pm - 8:00pm
Indoor
Rockdale County
Extension Office
Conyers
Fee: Kids \$5, parents
free

R.O.C.K.S. (Rockdale Offers Creative Kids Science) 4-H Family Night

Families

Join the Rockdale County 4-H staff for a fun night of messy science! We'll have a blast with all sorts of science fun - color mixing, things erupting, and much more!

Presented by: Rockdale County 4-H

6:30pm - 8:00pm
Rhodes Jordan Park
Community Recreation
Center
Lawrenceville
Fee: \$5.00 per child,
Adults Free

Gwinnett Family Science Night

Families, Elem. School

Science is Magic that works! Join us for a night of some wacky and wild science experiments where youth and parents together will get a chance to become mad scientists. You will have a chance to explore some kitchen science, space exploration, and experiments, as well as make an explosion. We are erupting with science that we want to share with you!

Presented by: UGA Extension

Wild About Science with Cobb 4-H

Families, Elem. School, Middle School

Are you wild about animals and all things animal science? Join UGA Extension and Cobb County 4-H as your family will learn about wildlife, habitats, animal science and more. To add to the fun, there will even be hands-on critter encounters!

Presented by: UGA Extension-Cobb County 4-H

Meditation & the Brain

Adults, High School, Middle school

We've all heard that meditation is good for you, but can it actually change your brain? Join this virtual panel that brings together Buddhist monks, meditation experts and practitioners, and neuroscientists for a presentation and discussion about the neurological benefits of meditation.

Presented by: Georgia State University, Center for Translational Research in Neuroimaging and Data Science, Dorje Ling Buddhist Center

Science & Spirituality

Adults

What are the intersections and shared pathways of science and spirituality, of physics and faith, of biology and belief? Belief in a loving God may be nice if you have it, but what if you aren't wired that way? What if your main mode of being is by thinking, wondering, and questioning? Who says the only way to encounter the holy is through faith? Can people connect via the mind, or intellectualism, or reasoning?

Join us as we explore the overlaps of science and spirituality. Our panel of local scientists and theologians will explore and offer a wide range of insights and offerings in a safe space for open dialogue.

Presented by: First Christian Church of Decatur, Gentle Spirit Christian Church of Atlanta

Pet or Pest? Why Humans Love Some Animals and Loathe Others

Adults, High School

Humans spend a lot of energy distinguishing between the animals we invite into our lives and the ones we chase away. But whether we consider a cat, a rat, a wolf, or even an elephant a hero or a villain depends on what we want from them — and what we decide reveals more about us than it does about them. Science journalist Bethany Brookshire talks about her new book *PESTS: How Humans Create Animal Villains* (Ecco) to journalist and author Maryn McKenna.

This virtual event is part of the ongoing Emory University "Health Storytelling" series.

Presenting Partner: Emory University, Georgia Center for the Book

6:30pm - 8:00pm
Indoor
UGA Extension- Cobb
County Office
Marietta
Fee: \$5.00

7:00pm - 8:30pm
Virtual
Fee: Free with adv
registration

7:00pm - 8:00pm
Indoor
First Christian Church of
Decatur
Fee: Free

7:00pm - 9:00pm
Virtual
Fee: Free with adv
registration





ALEX'S PICK
8:00pm - 9:00pm
Indoor & Outdoor
Arches Brewing
Hapeville
Fee: \$10

Nerd Nite ASF!

Adults



Ever wonder what your college professors' lectures would look like if they were three beers deep and able to tell you how they REALLY feel about their favorite topic? Join us for Nerd Nite ASF! Three experts will give irreverent, inebriated, and deeply interesting talks about topics they're a giant nerd for.

Presented by: Nerd Nite DC, Rae Pendergrass

Wildflower Walk

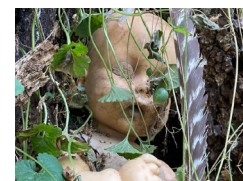
Families

This is a repeat event. See description on March 18.

Presented by: Fernbank Museum

(Un)Natural History Walk of Constitution Lakes and Doll's Head Trail

Adults, Families, High School, Middle School, Elem. School



Come discover one of Atlanta's secret parks. Join us for a walk around Constitution Lakes and visit the birds and other creatures that call this unique urban park home. The tour will include information on native and invasive plant identification, birds, and the geology and history of the area. Extra Bonus: Come tour the Doll's Head Trail during the walk and contribute

to the folk art that makes Atlanta so unique.

This hike is appropriate for ages 7 and up.

Presented by: Agnes Scott College Biology Department

10:00am - 11:30am
Outdoor
Fernbank Museum
Atlanta
Fee: Included with admission price; registration required



ALEX'S PICK
11:00am - 1:00pm
Outdoor
Constitution Lakes
Atlanta

FRIDAY MARCH 24



ALEX'S PICK
10:00am - 11:30am
Adams Park
Atlanta
Fee: Free with adv registration

Exploring Atlanta's Urban Parks: Adams Park

Adults, Families, High School, Middle School, Elem. School, Preschool



You can find nature everywhere! Come with us to discover your city parks! During this hike, you'll learn the basics on how to be prepared for beginner hiking, tree identification, how wildlife interacts from the urban forest, plus how we can benefit from what the urban forest can provide for us.

Presented by: Trees Atlanta

Breaking Down the Bean: The Science Behind Home Coffee Brewing

Adults

This is a repeat event. See description on March 14.

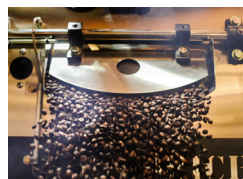
Presented by: Opo Coffee

12:30pm - 2:00pm
Indoor
Opo Coffee
Decatur
Fee: \$18

ALEX'S PICK
10:00am - 12:00pm
Indoor
Opo Coffee
Decatur
Fee: \$18

Coffee Roasting, Seed to Sip: A Scientific Exploration from Green to Brown to Black

Adults



This is a repeat event. See description on March 17.

Presented by: Opo Coffee

Chemistry Bonanza Demo Show!

Adults, Families, High School, Middle School, Elem. School



Come and see exciting chemistry reactions and demonstrations! We will explore the chemistry of polymers, combustion reactions, cloud formation, and even a few fireballs. How do you speed up a reaction? Or slow it down? We will explore it all! Liquid nitrogen ice cream will be served as well—tasty chemistry!

Presented by: ChEmory, Emory Department of Chemistry, Emory University

ALEX'S PICK
5:30pm - 6:30pm
Indoor
Emory University
Atwood Chemistry
Center
Atlanta
Fee: Free with adv registration

6:00pm - 7:30pm
Outdoor Activity Center
Fee: Free with adv registration

Biology of the Despised: Snakes!

Families

The Amphibian Foundation seeks to elevate awareness of the global amphibian declines. Here in Atlanta, AF also works to address some of the urban pressures impacting reptiles as well. There is perhaps no group more misunderstood and despised than venomous snakes. AF has been working with the community since the beginning to help people discern facts from fiction and even teaches a training course on how to handle venomous reptiles safely. Come explore these awe-inspiring animals, and let's see how much of that fear is actually fascination.

Presented by: Amphibian Foundation, West Atlanta Watershed Alliance

6:30pm - 7:30pm
Indoor
Little Shop of Stories
Decatur
Fee: Free

Get Outside and Get Inventing!

Families, Elem. School, Middle School

Sticky feet that climb anything. Trunk-like robotic arms. Super-sensitive hearing. Is this a kind of new superhero? No! These are examples of REAL technology made with bionics. In this FUN and interactive presentation by children's science author Jennifer Swanson, you will get an inside look at many awesome inventions being created by engineers right now. Then it'll be YOUR turn! You'll get instructions on how to go outside, find an animal and create your own bionic invention. What will YOU design?

Presented by: Jennifer Swanson Books, National Geographic Kids, Little Shop of Stories

7:00pm - 10:00pm
Indoor
GSU Perimeter
College Dunwoody
Observatory
Dunwoody
Fee: Free

Stars, "Moon Rocks" and Other Out of this World Awesomeness

Adults, Families, High School, Middle School, Elem. School, Preschool

Join us for an evening of star gazing in our observatory and get a unique chance to explore objects from outer space! We'll have "Moon rocks", meteorite samples and more space stuff for you to get a close look at under microscopes. Come on out for a space-tacular time!

Presented by: GSU Perimeter College



ALEX'S PICK
8:00pm - 9:00pm
Indoor & Outdoor
Arches Brewing
Hapeville
Fee: \$15

Solve for X Science Variety Show

Adults



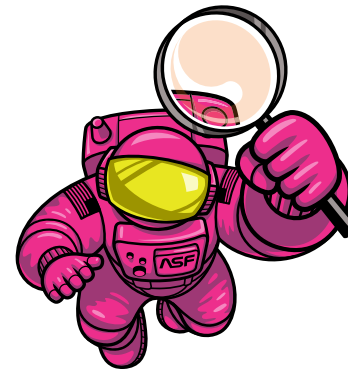
Solve for X is a science-themed comedic variety show where everything is turned upside down: professional artists do short performances inspired by science and scientists do improv comedy, all for the delighted amusement of a tipsy audience.

Presented by: Rae Pendergrass



Science Matters.

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the Atlanta Science Festival



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DON'T MISS ATLANTA'S BIGGEST INTERACTIVE SCIENCE PARTY!

EXPLORATION EXPO



Saturday, March 25 10:00am - 4:00pm
Piedmont Park*



Travel back in time!



3D print your own bones!



Test your brain with laser beams!



Paint like an elephant!

We're showing off all the science Atlanta has to offer this year, showcasing interactive booths, and live science demos from local organizations, universities, and companies! A list of exhibitors is available online in March.

Admission to this family-friendly event is free.

**This event is rain or shine. Check online for updates in case of severe weather.*



Moving our world forward
by delivering what matters.

UPS is proud to support the *2023 Atlanta Science Festival*

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Google is a proud supporter of the Atlanta Science Festival.
Visit the Google Village at the Expo with STEM activities for all to enjoy.

Google

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Recognizing Community Leaders in Science

Do you know anyone who helps make science accessible, fun, even magical? We want to recognize them! Science ATL is pleased to announce two new awards for community leaders in science.

The **David J. Hartnett Award for Public Engagement with Science** will award an Atlanta based scientist or engineer who has shown excellence in their commitment to making Atlanta a “science city.” They will receive \$1000, and an additional \$1000 of support to curate a public science event in partnership with Science ATL.

This award is named for founding Board Chairman of Science ATL, David J. Hartnett, in honor of his leadership in bringing the Atlanta Science Festival to fruition.

The **K-12 STEM Community Builder Award** will recognize a metro-Atlanta K-12 educator who is enriching the STEM/STEAM culture at their school. The winner will receive \$1000 for personal use and their school will receive an additional \$1000 to support further STEM/STEAM initiatives.

See full eligibility requirements, and submit nominees
(self nominations welcome!) online at
ScienceATL.org/awards

BUILDING A TALENT PIPELINE THROUGH STEM READINESS

With top-ranked STEM/STEAM certified high schools and nationally recognized STEM programs at our colleges and universities, metro Atlanta is laser-focused on building a rich talent pipeline that will fuel the future of our economy.



www.metroatlantachamber.com



STEAM starts with a spark

At Cox, we believe that no barrier should ever hold anyone back from greatness.

We're proud to support Science ATL as they expand equal access to STEM opportunities in Atlanta.

Robin Dunson, Cox Communications

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Foundation

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engineers of ATLANTA SCIENCE FESTIVAL



YOUR participation, attendance, volunteering, sharing,
giving, curiosity...
is building an equitable community of science lovers.

Stay Involved. Stay Invested.



Festival & Public Events



School Partnerships & Youth Leadership



Volunteer Opportunities

Help us bring people together through the
wonder of science: scienceatl.org/donate

Where will Science take you?

Fill in the postcard (see guidance on reverse), add postage and mail.
To be eligible, all postcards must be in hand by **Monday, March 27, 2023**.

In order to win, your postcard must include a **legible** name and email
address of an adult. If we are unable to contact you, the prize will be
awarded to the next randomly selected participant.



AFFIX
POSTAGE
HERE

SCIENCE ATL
601 W. Ponce De Leon Ave.
Decatur, GA 30030

NAME OF ADULT ENTRANT

EMAIL OF ADULT ENTRANT

*NO PURCHASE NECESSARY TO ENTER OR WIN. Promotion starts on 1/25/23 and ends on 3/27/23. Postcards must be postmarked by Monday, 3/27/23. Open only to legal residents of GA, age 18+. Parent/guardian must submit on behalf of a child. Due to travel logistics, National Park destinations are limited to a select few. For full Official Rules, prize disclosures and additional details, including the full list of available National Park options, see <https://atlantasciencefestival.org/national-park-giveaway> Odds of winning depend on number of eligible entries received. Void where prohibited. Sponsored by Science ATL, Inc.

Where will Science take you?

In honor of our 10th Festival, Science ATL wants to send you on a science adventure! On the postcard provided, show us your dream Destination Science. On the front, draw us a doodle, paint us a picture, get creative, but keep it simple! Then on the back - we want to hear from you in a few words: if science could take you anywhere- where would you go and what would you do?

Following the festival, we will choose one lucky winner at random to receive...
\$2,000 in Delta flight credit for you to use to fly your family to a National Park
\$500 towards spending at a National Park
\$500 in rental car credit



*Where will
Science Take You?*

Flip over for more info!



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