



# ATLANTA SCIENCE FESTIVAL

ENGINEERED BY

SCIENCE ATL

MARCH 6-21, 2020

PRESENTED BY

▲ DELTA

## Welcome to the 2020 Atlanta Science Festival

Place your seat backs and tray tables in their upright and locked positions - the 2020 Atlanta Science Festival is about to take off! We'll be cruising through more than 100 engaging science events and making connections at venues across the metro Atlanta region. You'll see coders and hackers, puppets, superpowers, microbes in action, elephant yoga, roller derby, archeological digs, nature trails, and the science behind wine, coffee, and Star Wars. And just when you think it's over, we'll reach our final destination at Piedmont Park for Atlanta's biggest family 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  
Vice President – Community Engagement  
Delta Air Lines

### FESTIVAL TEAM

Executive Directors: Jordan Rose & Meisa Salaita

Director of New Initiatives: Sarah Peterson

Public Events Coordinator: Kellie Vinal

Expo Chair: Melody Richardson

Volunteer Coordinator: Danielle Freeman

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

David Hartnett (Chair), Tjuan Dogan, Lynn Durham, Jason Hoch, Jamal Jesse, Cheryl Kortemeier, Sarah Peterson, Jordan Rose, Meisa Salaita, Jason Wellman

### Science ATL

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SUSTAINABLE  
FORESTRY  
INITIATIVE

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#ATLSciFest

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 COMMUNITIES IN THE AIR AND ON THE GROUND.

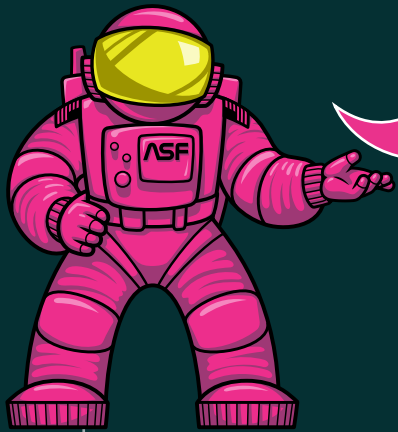
Proud to support the Atlanta Science Festival.



KEEP CLIMBING







Here's ALEX's 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.



Seek out new experiences. Be curious, explore, and try something new.



Look after our city. Take trash home with you or find a nearby trashcan/recycling receptacle.



Ask a volunteer! Our ASF volunteers are available to help answer any questions.



Recycle and hydrate! Bring a reusable or recyclable bottle with you and fill it up at a nearby water fountain.



Please fill out the surveys our volunteers hand out - it helps us make the festival better!



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!

# PROGRAM PARTNERS

The Atlanta Science Festival would not be possible without the contributions of our partners to produce events, bring audiences, and provide professional services. We are grateful to the following program partners (**bolded partners are also sponsors of ASF**):

500 Women Scientists – ATL Pod  
A Cappella Books  
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Atlanta Curling Club  
Atlanta Junior Roller Derby  
Atlanta Roller Derby  
Break the Cycle of Health Disparities  
Brown Toy Box  
Center for Hard to Recycle Materials  
Center for Puppetry Arts  
Chattahoochee Technical College  
Children's Museum of Atlanta  
Citizen Science HD  
City Winery  
Clayton County Government  
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**Destination South Meetings & Events**  
Doctor Pete Productions  
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El Ponce  
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Fernbank Museum  
Fernbank Science Center  
First Christian Church of Decatur

Frazer Center  
Fulton County Library System  
Fulton County Public Works Project  
Fulton County's Johns Creek Environmental Campus  
The Gathering Spot  
Georgia Department of Health  
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Georgia Mineral Society  
**Georgia Public Broadcasting**  
Georgia Reptile Society  
**Georgia State University**  
German Consulate General  
Girls Who Code  
Global Growers  
Gwinnett County Public Library  
Gwinnett Technical College  
Halfway Crooks Beer  
Hard Labor Creek Observatory  
Historic Westside Gardens  
HowStuffWorks  
Hungry Heart Dietary Consulting  
InterPlay Atlanta  
Jennifer Swanson Books  
The Jimmy Carter Presidential Library and Museum  
Julia Robinson Mathematics Festival  
KidGineers  
LSP Astronomy Group  
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Little 5 Points Corner Tavern  
Little Shop of Stories  
Love is Love Farm  
Lupa's Kitchen  
Mathematics in Motion, Inc.  
Morehouse College  
Movement Love  
National Informal STEM Education Network  
National Weather Service, Peachtree City  
NCWIT  
**Northrop Grumman**  
NRCS  
**NSF Center for Selective C-H Functionalization**  
NSF/NASA Center for Chemical Evolution  
Out of Hand Theater

Oxford College  
The Paideia School  
Peachtree Publishers  
Perimeter College at Georgia State University  
The Porter Beer Bar  
Presence Switzerland  
Root Kitchens  
Sandy Springs Education Force  
Science ATL Communication Fellows  
Science for Georgia  
Science of Fun STEM Camps  
Science Riot  
Scott Elementary School Community Garden  
Sevananda Natural Foods Co-op Market  
Small Bites Adventure Club  
Spelman College  
The Squirrel Census  
STE(A)M Truck  
STEM Gems  
STEM Velocity  
Stonewall Tell Elementary School  
The Story Collider  
Swiss Federal Institute of Technology in Lausanne  
TAG-ED  
Taproom Coffee  
TCAAD  
Timpson Creek Farm  
Trees Atlanta  
Tucker Middle School  
UGA Extension  
University of Georgia  
The Village Tutorial and Enrichment Program  
WABE – 90.1FM  
Water Conservation  
The Weather Channel  
West Atlanta Watershed Alliance  
WET Adopt-a-Stream  
Whole World Theater  
Women's Caucus for Art of Georgia  
Wylde Center  
YMCA of Metro Atlanta  
Zoo Atlanta

# ATLANTA SCIENCE FESTIVAL AT A GLANCE

## MARCH 6 - MARCH 21

**FRIDAY, 3/6**  
**2100: Climate Odyssey**  
 8:00 p.m.  
 First Center for the Arts at Georgia Tech

**SATURDAY, 3/7**  
**BeltLine Scavenger Hunt**  
**A F M H E**  
 All day, all night!  
 Atlanta BeltLine Trail

**Audubon Field Trip**  
**A F H M**  
 8:00 a.m. - 12:00 p.m.  
 Piedmont Park

**Science in Little 5**  
**Points: The Science of Kombucha**  
**A H M**  
 9:30 a.m. - 11:30 a.m.  
 Sevananda Natural Foods Market

**MOD Robots**  
**P E M**  
 10:00 a.m. - 11:00 a.m.  
 Peachtree Road UMC Sports and Recreation

**Science of Senyali**  
**E F**  
 10:00 a.m. - 11:00 a.m. and 12:00 p.m. - 1:00 p.m.  
 Southeast Atlanta Library

**Breaking Down the Bean: The Science Behind Home Coffee Brewing\***  
**A**  
 10:00 a.m. - 11:30 a.m.  
 Taproom Coffee

**STEM Gems**  
**#GiveGirlsRoleModels**  
**A F M H**  
 10:00 a.m. - 12:00 p.m.  
 Spelman College Science Center NASA Auditorium

**Science of Honey**  
**A H**  
 11:00 a.m. - 1:00 p.m.  
 Edgewood Community Learning Garden

**Genius Camp - Maker Teens**  
**H M A**  
 11:00 a.m. - 4:00 p.m.  
 Georgia State University Arts & Humanities Building, ExLab

**Full Dome, Half Price Space Spectacular**  
**A F M H E**  
 11:00 a.m. - 4:00 p.m.  
 Fernbank Science Center

**STEAM at Tech Day**  
**A F E M H**  
 12:00 p.m. - 3:00 p.m.  
 Clough Undergraduate Learning Commons at Georgia Tech

**Exploring the Natural World Through Art - Part 1**  
**A H**  
 1:00 p.m. - 2:00 p.m.  
 Cator Woolford Gardens at the Frazer Center

**Pitch Your Future**  
**A H**  
 1:00 p.m. - 2:30 p.m.  
 Carter Presidential Library & Museum

**Escape the Room with Thymio**  
**M**  
 1:00 p.m. - 4:30 p.m.  
 German Cultural Center / Alliance Française

**Exploring the Natural World Through Art - Part 2**  
**A H**  
 2:00 p.m. - 3:00 p.m.  
 Cator Woolford Gardens at the Frazer Center

**Wildflower Walk**  
**F A M H E**  
 2:00 p.m. - 3:30 p.m.  
 Fernbank Museum

**Complete the Circuit: Meet a Woman Scientist!**  
**F M**  
 2:00 p.m. - 4:00 p.m.  
 Little Five Points Community Center Cafe

**How Snakes Work**  
**F A H M E**  
 2:00 p.m. - 4:00 p.m.  
 Trees Atlanta Kendeda Center

**Cooking with Microbes! Sauerkraut Making Demo**  
**A H**  
 3:00 p.m. - 5:00 p.m.  
 Edgewood Community Learning Garden

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

**SUNDAY, 3/8**  
**Champion Tree Walk**  
**F A H M**  
 10:00 a.m. - 11:30 a.m.  
 Fernbank Frazer Forest

**Rock n' Walker**  
**F H M A E**  
 11:00 a.m. - 3:00 p.m.  
 Historical & Environmental Education Center, Stone Mountain Park

**Experience Architecture**  
**A F E**  
 12:00 p.m. - 3:00 p.m.  
 The Community Academy for Architecture and Design

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

**Do you Have What it Takes to Be a HUMAN Crash-Test Dummy?**  
**F E M**  
 2:00 p.m. - 3:00 p.m.  
 Little Shop of Stories

**Science of Wine**  
**A**  
 2:00 p.m. - 4:00 p.m.  
 City Winery

**Not Just Newts: Behind the Scenes with the Amphibian Foundation**  
**A H F M E P**  
 2:00 p.m. - 4:00 p.m.  
 Amphibian Foundation

**Bitter Spirits**  
**A**  
 3:00 p.m. - 5:00 p.m.  
 Global Growers Decatur Kitchen Garden

**Science in Little 5 Points: Full Moon Viewing\***  
**A**  
 8:00 p.m. - 11:00 p.m.  
 Little 5 Corner Tavern

**MONDAY, 3/9**  
**Chemistry Adventures: Illuminate**  
**F M H E**  
 1:00 p.m. - 2:00 p.m.  
 GSU Perimeter College Clarkston Campus

**Twilight on the Arboretum**  
**A H**  
 5:00 p.m. - 7:00 p.m.  
 Atlanta BeltLine Arboretum (Eastside Trail)

**Black Tech**  
**A**  
 7:00 p.m. - 9:00 p.m.  
 The Gathering Spot

**Stars Over Dunwoody**  
**A F M H E**  
 7:30 p.m. - 10:00 p.m.  
 GSU Perimeter College Dunwoody Campus

**TUESDAY, 3/10**  
**STEM Teachers @ Tech day**  
**Ed**  
 9:00 a.m. - 3:30 p.m.  
 Georgia Tech Student Center

**Milo the Magnificent: Puppets + Science!\***  
**F E**  
 10:00 a.m. - 11:30 a.m. and 11:30 a.m. - 1:00 p.m.  
 Center for Puppetry Arts

**The Sound of Light**  
**H M Ed**  
 10:00 a.m. - 12:00 p.m.  
 GSU Perimeter College, Decatur Campus

**Surface Tension and Suminagashi\***  
**F E M**  
 10:30 a.m. - 11:30 a.m.  
 The Louise Watley Library at Southeast Atlanta

**The Astronomy of Star Wars**  
**A H M E**  
 5:00 p.m. - 6:30 p.m.  
 GSU Perimeter College Alpharetta Campus

**The Gene: An Intimate History**  
**H A**  
 6:00 p.m. - 8:30 p.m.  
 Georgia Public Broadcasting

**Playing Mother Nature: A Night of Simulating Earth Science Phenomena!**  
**A**  
 7:00 p.m. - 8:00 p.m.  
 Manuel's Tavern

**WEDNESDAY, 3/11**  
**Science Behind the Scenes at Clorox**  
**F H M E A**  
 10:00 a.m. - 12:00 p.m.  
 The Clorox Company

**Bio-Bus: Animal Diversity**  
**F E**  
 10:30 a.m. - 11:30 a.m.  
 South Fulton Branch Library

**Bio-Bus: Chemistry - States of Matter**  
**F H M E**  
 3:30 p.m. - 6:30 p.m.  
 South Cobb Regional Library

**SSEF STEAM Showcase**  
**F E M**  
 6:00 p.m. - 8:00 p.m.  
 North Springs Charter High School

**Science Trivia!**  
**A**  
 7:00 p.m. - 9:00 p.m.  
 Monday Night Garage

**The Science of Breaking Bad**  
**A H**  
 7:00 p.m. - 8:30 p.m.  
 Eagle Eye Book Shop

**Cannabis Time with Dr. Pete**  
**A**  
 7:30 p.m. - 9:15 p.m.  
 Whole World Improv Theater

**Skate School: The Science of Roller Derby**  
**A F H M**  
 7:30 p.m. - 9:30 p.m.  
 Atlanta Roller Derby Practice Facility

**THURSDAY, 3/12**  
**CEFGA CareerExpo & SkillsUSA Championships\***  
**H M E F A**  
 9:00 a.m. - 4:00 p.m.  
 Georgia World Congress Center - Hall A

**CHaRM Recycling Tour**  
**A F H M E**  
 10:00 a.m. - 12:00 p.m. and 1:00 p.m. - 3:00 p.m.  
 The Center for Hard to Recycle Materials (CHaRM)

**Roadside Geology\***  
**A F H M**  
 1:00 p.m. - 3:30 p.m.  
 South Entry Foyer of Symphony Hall

**Code the Glow**  
**F H M E**  
 1:00 p.m. - 3:00 p.m.  
 GSU Perimeter College, Dunwoody Campus

**Bio-Bus: Chemistry - Acids, Bases & Indicators**  
**F H M E**  
 2:30 p.m. - 4:30 p.m.  
 Toco Hills Library

**Family Science Night with UGA Extension Fulton County**  
**F M E**  
 5:00 p.m. - 7:30 p.m.  
 Stonewall Tell Elementary School

**OneEarth/OneChance**  
**A H**  
 7:00 p.m. - 8:30 p.m.  
 GSU Perimeter College, Clarkston Campus

**»SEXY SCIENCE« Serious Humor - Made in Germany**  
**A**  
 7:00 p.m. - 8:30 p.m.  
 Goethe-Zentrum/German Cultural Center Atlanta

**Science Riot**  
**A**  
 7:30 p.m. - 9:30 p.m.  
 Highland Inn & Ballroom

**Sober Science Speakeasy**  
**A**  
 7:30 p.m. - 10:00 p.m.  
 Coda Building of Georgia Tech

**FRIDAY, 3/13**  
**Insects Around Us**  
**F E M**  
 10:00 a.m. - 12:00 p.m.  
 GSU Perimeter College, Decatur Campus

**Interactive Family Tour: CDC Museum**  
**F H M A**  
 10:00 a.m. - 12:00 p.m.  
 David J. Sencer CDC Museum

**Bio-Bus: DNA is for Families**  
**F E**  
 2:30 p.m. - 5:00 p.m.  
 Gwinnett County Public Library (Norcross Library)

**Critters & Cabernet**  
**A**  
 7:00 p.m. - 9:00 p.m.  
 Amphibian Foundation

**Fernbank After Dark**  
**A**  
 7:00 p.m. - 11:00 p.m.  
 Fernbank Museum

**Intro to Curling - Exploring the Boundary Where Granite Meets Ice\***  
**A H M**  
 9:00 p.m. - 11:00 p.m.  
 IceForum Duluth

**SATURDAY, 3/14**  
**Bird-banding Demo with Atlanta Audubon**  
**F A Ed H M E**  
 8:00 a.m. - 10:00 a.m.  
 Blue Heron Nature Preserve, Emma Wetlands Field Education Center

**Family Zoo Yoga: Elephants!**  
**F H M E**  
 8:30 a.m. - 9:30 a.m.  
 Zoo Atlanta

**8th Annual Latino College & STEM Fair**  
**F H M**  
 9:00 a.m. - 2:00 p.m.  
 Georgia Tech Student Center

**KidGineers Hackathon**  
**H M**  
 9:00 a.m. - 5:00 p.m.  
 Christian Fine Arts of Forsyth

**Science of Star Wars**  
**A H M F**  
 10:00 a.m. - 11:00 a.m.  
 Marcus Nanotechnology Building, Georgia Tech

**We Eat Trash: The Science Behind Worm Composting**  
**A F**  
 10:00 a.m. - 11:30 a.m.  
 Jim Huie Recreation Center

**I.D. the Trees!**  
**F A H M E**  
 10:00 a.m. - 12:00 p.m.  
 Mason Mill Park

**Little Critters Day**  
**F E P**  
 10:00 a.m. - 1:00 p.m.  
 Fernbank Museum

**Biomechanics Day: Animals in Motion**  
**F**  
 10:00 a.m. - 2:00 p.m.  
 Zoo Atlanta

**Discovery Day at GSU**  
**F P M H E**  
 10:00 a.m. - 3:00 p.m.  
 Georgia State University Petit Science Center

**Investigating the Nanoscale**  
**F M H A**  
 11:00 a.m. - 2:00 p.m.  
 Marcus Nanotechnology Building, Georgia Tech

**All Eyes on Amphibians!**  
**E P**  
 12:00 p.m. - 1:30 p.m.  
 Little Shop of Stories

**Science Tales & Trails: Break the Cycle of Health Disparities**  
**F A H**  
 12:00 p.m. - 2:00 p.m.  
 Rose Circle Park

**Snake Day**  
**A F H E M**  
 12:00 p.m. - 3:00 p.m.  
 Fernbank Science Center

**The Journey of Our Water**  
**A H M E F**  
 1:00 p.m. - 3:00 p.m.  
 Johns Creek Environmental Campus

**Gwinnett 4-H Wacky Science Night from UGA Extension**  
**F E P**  
 1:00 p.m. - 3:00 p.m.  
 Gwinnett County Government Annex

**CCPLS Family Tech Time**  
**F P M E**  
 1:00 p.m. - 4:30 p.m.  
 Mountain View Regional Library

\*These events have repeat sessions.

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Continued on next page



## ATLANTA SCIENCE FESTIVAL AT A GLANCE

### Ask a Scientist

**FAEMH**

2:00 p.m. - 4:00 p.m.  
Carter Presidential Library & Museum

### Garden Detox

**AH**

3:00 p.m. - 5:00 p.m.  
Historic Westside Gardens  
@ Boone

### Petri Dish Picassos

**FEMH**

3:00 p.m. - 5:00 p.m.  
Atlanta Contemporary

### DESIGNORAMA

**FEMH**

3:00 p.m. - 6:00 p.m.  
Drew Charter School -  
Elementary Academy

### Cuisine de Jardin! Cooking in the Garden!

**FME**

4:00 p.m. - 5:30 p.m.  
The Cook's Warehouse

### Superhero Science Night

**FPE**

6:30 p.m. - 8:30 p.m.  
Children's Museum of Atlanta

### Starry Night

**FAHME**

8:30 p.m. - 10:30 p.m.  
Hard Labor Creek State Park  
Observatory

### SUNDAY, 3/15

#### How to Count Squirrels (and Why)

**FAH**

8:30 a.m. - 10:30 a.m. and  
5:00 p.m. - 7:00 p.m.  
Piedmont Park

### Salamander Stroll

**AHMEF**

10:00 a.m. - 11:30 a.m.  
Clyde Shepherd Nature  
Preserve

### Movement Love

**A**

10:30 a.m. - 12:00 p.m.  
Atlanta Contemporary

### Eco-Geo Expedition

**FHMAE**

11:00 a.m. - 2:00 p.m.  
Arabia Mountain Nature  
Center

### In My Granny's Garden

**PF**

1:00 p.m. - 2:30 p.m.  
Alliance Theatre Selig Family  
Black Box Theatre

### Mathapalooza!

**EAFHM**

1:00 p.m. - 5:00 p.m.  
Martin Luther King Jr  
Recreation Center

### Don't You Snap at Me!

**AHFME**

2:00 p.m. - 3:30 p.m.  
Outdoor Activity Center

### Small Bites & Science Day on the Farm

**FEP**

2:00 p.m. - 4:30 p.m.  
Love is Love Farm

### Splash into Stream Science

**FHMAE**

2:00 p.m. - 5:00 p.m.  
Cascade Springs Nature  
Preserve

### Get Involved! Citizen Science Night

**A**

6:00 p.m. - 8:00 p.m.  
Fernbank Museum

### MONDAY, 3/16

#### Mad Science Fest

**AF**

8:00 a.m. - 3:30 p.m.  
YMCA of Metro Atlanta  
Leadership and Learning  
Center

### Mathapalooza After Dark!

**A**

7:00 p.m. - 10:00 p.m.  
Highland Inn & Ballroom

### Math Trivia: Fun to the (n+1)st Degree!

**A**

7:30 p.m. - 10:00 p.m.  
My Parents' Basement

### TUESDAY, 3/17

#### It's My Brain! My Brain Made Me Do It!

**EMHF**

4:00 p.m. - 5:30 p.m.  
Morehouse Nabrit-Mapp-  
McBay Hall

### Cobb 4-H Family Science Night

**FE**

6:00 p.m. - 8:00 p.m.  
Cobb County Extension  
Office

### WEDNESDAY, 3/18

#### Outdoor STEAM

**EMFP**

10:00 a.m. - 2:00 p.m.  
Outdoor Activity Center

### Bio-Bus: Elementary Weather

**FE**

4:00 p.m. - 5:30 p.m.  
Toco Hills Library

### Cursive & Cocktails: The Science of Handwriting

**A**

6:30 p.m. - 8:30 p.m.  
Arbor Montessori School

### Queer Scientists Panel

**MHA**

7:00 p.m. - 8:00 p.m.  
Waller's Coffee Shop

### Comic Strip Science

**AH**

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

### Science in Little 5 Points: The Science Behind Sour Beer

**A**

7:00 p.m. - 9:00 p.m.  
The Porter Beer Bar

### It's Only Natural: Examining the Art of Scientific Illustration

**AHMF**

7:00 p.m. - 9:00 p.m.  
Fernbank Science Center

### Science Improv

**AHM**

7:30 p.m. - 9:30 p.m.  
Whole World Improv Theater

### THURSDAY, 3/19

#### STEMCon

**M**

4:30 p.m. - 6:00 p.m.  
Tucker Middle School

### Become an Archaeologist

**FEM**

6:00 p.m. - 8:00 p.m.  
Brownwood Park Pavilion

### Science & Spirituality

**A**

7:00 p.m. - 8:30 p.m.  
First Christian Church of Decatur

### Discovering Science Through Art

**FAHME**

7:30 p.m. - 9:30 p.m.  
Oxford College Student Center

### The Story Collider

**A**

8:00 p.m. - 10:00 p.m.  
Highland Inn & Ballroom

### FRIDAY, 3/20

#### Science for EveryBODY

**M F H E**

9:00 a.m. - 12:15 p.m.  
Chattahoochee Technical College

### Sprouting Scientists

**F P**

10:00 a.m. - 12:00 p.m.  
Atlanta Botanical Garden

### Physics Live!

**FEM**

3:30 p.m. - 7:00 p.m.  
Emory University, Math and  
Science Building

### Chemistry Carnival

**FEMH**

3:30 p.m. - 7:00 p.m.  
Emory University Atwood  
Chemistry Center

### Health Hacks Coding Workshop

**MH**

4:00 p.m. - 7:00 p.m.  
Emory University Psychology  
Building

### Tracking and Embodying Atlanta's Animals

**AH**

7:00 p.m. - 9:30 p.m.  
Schwartz Center for  
Performing Arts

### Exploration Expo

Saturday, March 21

11:00 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

**Ed** - Educators

# 2100: Climate Odyssey

Friday, March 6 • 8pm

**\$20 (\$18 for seniors)**

**Ferst Center for the Arts at Georgia Tech**

*2100: A Climate Odyssey* will transport you to the year 2100, when life is a little different due to climate change. As a major storm hits Atlanta in this immersive theatrical experience, we will peer into the future and discover how we can work together to mitigate disaster.

5% of proceeds will be donated to the Captain Planet Foundation to empower positive change for the earth.

\*These events have repeat sessions.

# FRIDAY, MARCH 6



**ALEX'S PICK**  
**8 p.m.**  
 First Center for the Arts  
 at Georgia Tech  
**\$20**  
**(\$18 for senior citizens)**

## 2100: Climate Odyssey

Adults, High School, Middle School



2100: A Climate Odyssey will transport you to the year 2100, when life is a little different due to climate change. As a major storm hits Atlanta in this immersive theatrical experience, we will peer into the future and discover how we can work together to mitigate disaster.

*Presented in partnership with The Weather Channel, the National Weather Service, Peachtree City, and Out of Hand Theater.*

5% of proceeds will be donated to the Captain Planet Foundation to empower positive change for the earth.

## Science in Little 5 Points: The Science of Kombucha

Adults, High School, Middle School



Kombucha is tangy and tasty, but did you know that it gets that way through the hard work of millions of microbes? Join Dr. Jennifer Leavey from Georgia Tech and Lupa Irie, N.D. of Lupa's Kitchen for a hands-on, interactive demonstration of kombucha fermentation—including samples!

*Presented by: Little 5 Points Alliance, Sevananda Natural Foods Co-op Market, Lupa's Kitchen*

### ALEX'S PICK

**9:30 a.m. - 11:30 a.m.**  
 Sevananda Natural  
 Foods Market  
 Atlanta  
**Fee: Free**

## MOD Robots

Preschool, Elem. School, Middle School

Have you ever wanted to control a robot without even touching it? Or have a robot "detect" light or sound in the matter of seconds? If you have a love of robots and the world of technology, come learn through play today at our session on Mod Robotics!

*Presented by: STEM Velocity*

**10:00 a.m. - 11:00 a.m.**  
 Peachtree Road UMC  
 Sports and Recreation  
 Atlanta  
**Fee: Free with  
 advance registration**

# SATURDAY, MARCH 7

**All day, all night!**  
 Atlanta BeltLine Trail  
 Atlanta  
**Fee: Free**

## BeltLine Scavenger Hunt\*

Adults, Families, Middle School, High School,

Explore the Atlanta BeltLine and learn about the world of science around you in this digital + social scavenger hunt. Check AtlantaScienceFestival.org for more details on how to join. Visit every stop and you'll be entered to win 2020 ASF merch!

\*This competition lasts for the duration of the 2020 Festival.

*Presented by: Science ATL Communication Fellows*

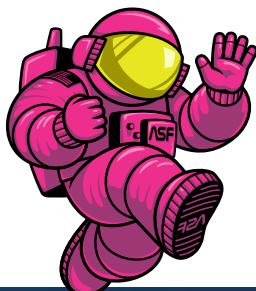
**8:00 a.m. - 12:00 p.m.**  
 Piedmont Park  
 Atlanta  
**Fee: Free**

## Audubon Field Trip

Adults, Families, High School, Middle School

Come for a walk with us in Piedmont Park and learn more about Georgia's resident and migrating birds. Whether you are a beginning birder or not, we are excited to have you!

*Presented by: Atlanta Audubon Society*



## Science of Senyali

Elem. School, Families

Senyali needs you! With an African storyteller as your guide, join us on a mission to restore the infrastructure of the fictional Western African country of Senyali. Because Senyali is a satellite location, you will have access to all the tools and equipment you need to fix the infrastructure. From there, you will go to various STEAM-centric activation stations with components, elements and gears to get the infrastructure back up and running.

*Presented by: Brown Toy Box*

**10:00 a.m. - 11:00 a.m.  
 and 12:00 p.m. - 1:00 p.m.**  
 Southeast Atlanta Library  
 Atlanta  
**Fee: \$4**

## 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!

\*This event repeats on March 9th & 10th (focus on decaf). Check details online.

*Presented by: Taproom Coffee, East Pole Coffee Co.*

**10:00 a.m. - 11:30 a.m.**  
 Taproom Coffee  
 Atlanta  
**Fee: \$10**

## STEM Gems #GiveGirlsRoleModels

Adults, Families, Middle School, High School

Join us for an interactive panel discussion that will enlighten and empower girls and young women to pursue careers in STEM! You'll meet exceptional women from a diverse set of STEM careers and learn about the unique journeys that led to their respective careers.

*Presented by: STEM Gems, Spelman College*

**10:00 a.m. - 12:00 p.m.**  
 Spelman College  
 Science Center NASA  
 Auditorium  
 Atlanta



**11:00 a.m. - 1:00 p.m.**  
Edgewood Community  
Learning Garden  
Atlanta  
**Fee: \$10**

## Science of Honey

**Adults, High School**

Our bee friends create the sweet treat of honey but are disappearing at a rapid rate. How they make honey and why they are disappearing are two of the many questions scientists from UGA Extension will answer at this event. Together, we will imagine the life of the bees as they make honey and learn how we can invite them back into our environment by planting bee-friendly flower plants!

*Presented by: UGA Extension - DeKalb County, DeKalb County Government, Wylde Center*

**11:00 a.m. - 4:00 p.m.**  
Georgia State University  
Arts & Humanities Building,  
ExLab  
Atlanta  
**Fee: Free with advance  
registration**

## Genius Camp - Maker Teens

**High School, Middle School, Adults**

GSU's makerspace - EXLAB - is a collaborative environment centered around experiential learning, creativity, and innovation. Join us for this event as EXLAB opens its doors to the public to host an array of educational, kid-friendly maker projects. Bring your family to EXLAB to learn about sewing, 3D printing, laser cutting, soldering, and more!

*Presented by: Georgia State University Center for Excellence in Teaching and Learning EXLAB*

**11:00 a.m. - 4:00 p.m.**  
Fembank Science Center  
Atlanta  
**Fee: Exhibit hall - free;  
Planetarium \$3.50 Adults,  
\$2.50 Students & Seniors**

## Full Dome, Half Price Space Spectacular

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

Cultivate your scientific curiosity at Fembank Science Center during our Full Dome, Half Price Space Spectacular. Join Jennifer Swanson, the award-winning author of the children's book *Astronaut-Aquonaut*, enjoy a planetarium show for half-price, explore the Exhibit Hall, and engage in hands-on Earth and space science activities for all ages with connections to science, technology, and society.

*Presented by: Fembank Science Center, National Informal STEM Education Network*

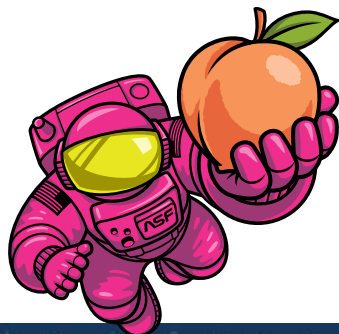
**12:00 p.m. - 3:00 p.m.**  
Clough Undergraduate  
Learning Commons at  
Georgia Tech  
Atlanta  
**Fee: \$65 for students  
(Parents are free)**

## STEAM at Tech Day

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

Join us for a day of hands-on, engaging, and full-filled STEAM learning. Middle and high school students will participate in a 3-hour intensive STEAM workshop. 2nd through 5th grade students will rotate between three STEAM activities, and families will hear from experts about what's next in education to help develop their future scientists and engineers.

*Presented by: Georgia Tech CEISM*



## Exploring the Natural World Through Art - Part 1

**Adults, High School**



The Information Age has brought understanding of far-flung ecosystems to more people than ever before. But it has also, paradoxically, divorced our personal relationship with the natural world with increasing, screen-mediated distance. Poet, performer, and conservationist, Robbie Q. Telfer will hold these two conflicting truths as one, like a tiny baby, at

once profound and poop.

*Presented by: AIR Serenbe, Frazer Center*

## Pitch Your Future

**Adults, High School**

Interested in emerging technologies? Entrepreneurship? The future? Join us in a game where you role-play an entrepreneur and pitch future technology applications. Examples include invisibility cloaks, self-repairing paint, and space-based nuclear power plants. No technical knowledge needed; you will be provided with the information you'll need to play.

*Presented by: Institute for Electronics and Nanotechnology at GA Tech, Jimmy Carter Presidential Library*

## Escape the Room with Thymio

**Middle School**

Take your first steps into robotics with Thymio! In a fun escape game, you will learn about the basic behaviors, functions and sensors of a robot called Thymio and help him find his way to his destination! This is your chance to discover the universe of robots and learn a robot's language!

*Presented by: Swiss Federal Institute of Technology in Lausanne, Consulate General of Switzerland in Atlanta, Presence Switzerland*

## Exploring the Natural World Through Art - Part 2

**Adults, High School**



Explore how listening techniques can help increase our subtle perception of the environment. Join Lady Eve for a Soundwalk through the Woolford Gardens at the Frazer Center as she examines how the sounds heard in a particular location are as unique as a fingerprint, and develop a deeper understanding of how we fit into our ecosystem.

*Presented by: AIR Serenbe, Frazer Center*



### ALEX'S PICK

**1:00 p.m. - 2:00 p.m.**  
Cator Woolford  
Gardens at the Frazer  
Center  
Atlanta  
**Fee: Free**

**1:00 p.m. - 2:30 p.m.**  
Carter Presidential  
Library & Museum  
Atlanta  
**Fee: Free**

**1:00 p.m. - 2:30 p.m. and  
3:00 p.m. - 4:30 p.m.**  
German Cultural Center  
/ Alliance Française  
Atlanta  
**Fee: \$5/child**



### ALEX'S PICK

**2:00 p.m. - 3:00 p.m.**  
Cator Woolford  
Gardens at the Frazer  
Center  
Atlanta  
**Fee: Free**

**2:00 p.m. - 3:30 p.m.**  
Fernbank Museum  
Atlanta  
**Fee: Free with museum admission**

## Wildflower Walk

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

Join a Fernbank scientist to explore Fernbank Forest, a 65-acre mature mixed-hardwood forest located in the heart of metro Atlanta. You'll get to explore the diversity of native plants and wildflowers and learn to identify them by their leaves and flowers.

*Presented by: Fernbank Museum*



**ALEX'S PICK**  
**2:00 p.m. - 4:00 p.m.**  
Little Five Points  
Community Center Cafe  
Atlanta  
**Fee: \$10/family**

## Complete the Circuit: Meet a Woman Scientist!

**Families, Middle School**



This event is the chance for middle school girls to meet face-to-face with real women in science, ask questions about their careers, and imagine themselves as scientists too. Together, we'll build a circuit and play games to encourage discussion. Parents will learn about how to nurture their daughter's love of science and help them succeed. And there will be ice cream!

*Presented by: 500 Women Scientists: ATL Pod*



**ALEX'S PICK**  
**2:00 p.m. - 4:00 p.m.**  
Trees Atlanta Kendeda  
Center  
Atlanta  
**Fee: Free with advance registration**

## How Snakes Work

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



There is hardly a group of animals more feared and misunderstood than snakes. Myths and misinformation have surrounded these animals since humans first showed up on the planet, and started getting creeped out by snakes. How are they able to do everything without any arms or legs? Let's explore this fascinating group of reptiles, and discuss how they sense, function,

move, eat and capture prey. We'll save time at the end to meet a diversity of snakes from all over the world.

*Presented by: Amphibian Foundation, HowStuffWorks*

**3:00 p.m. - 5:00 p.m.**  
Edgewood Community  
Learning Garden  
Atlanta  
**Fee: \$10**

## Cooking with Microbes! Sauerkraut Making Demo

**Adults, High School**

Come learn to cook with our tiniest kitchen helpers--beneficial microbes! We'll talk a little bit about the history and science of sauerkraut making, and together we'll all dive in to making a batch of sauerkraut to donate to our neighbors in need!

*Presented by: Root Kitchens, Wylde Center*

## Guthman Musical Instrument Competition

**Families, Adults, High School, Middle School, Elem. 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. Come early from 4-7pm to see musicians, artists, engineers, and makers

showcase their latest work at the Music, Art, and Technology Fair - a hands-on, interactive showcase.

*Presented by: Georgia Tech*



### ALEX'S PICK

**4:00 - 7:00 pm (Fair)**  
**7:00 p.m. - 9:00 p.m. (Show)**  
Ferst Center for the Arts  
at Georgia Tech  
Atlanta  
**Fee: Free**

# SUNDAY, MARCH 8

## Champion Tree Walk

**Families, Adults, High School, Middle School**

Each year, Trees Atlanta teams with partners to search for some of the oldest, heartiest, and most beautiful trees our city has to offer. In this walk with Fernbank ecologist Eli Dickerson, we'll dive into the process of selecting these Champion Trees. Eli will help you identify ten native tree species and will explain why it's especially important to protect and preserve old trees.

*Presented by: Trees Atlanta*

**10:00 a.m. - 11:30 a.m.**  
Fernbank Frazer Forest  
Atlanta  
**Fee: Free with advance registration**

## Rock n' Walk

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

Millions of years ago, a massive magma chamber cooled below ground near Atlanta, never erupting through to the surface. Now, we call it Stone Mountain. Join GSU Geosciences on a hike to explore this unique granite dome. You'll also be able to 'walk' a Giant Traveling Map of Georgia, engage in activities with rock and mineral specimens, and explore other natural landscapes using Google Cardboard VR as you make your way up the mountain.

*Presented by: Georgia State University*

**11:00 a.m. - 3:00 p.m.**  
Historical &  
Environmental  
Education Center,  
Stone Mountain Park  
Stone Mountain  
**Fee: Free with park admission**

## Experience Architecture

**Adults, Families, Elem. School**

How does an architect think, write, and draw? Join us to experience architecture through hands-on activities, as well as get a sneak peek into the new makerspace for The Community Academy for Architecture and Design. You'll learn and practice how to write like an architect, learn the essential concepts of floorplans and elevations, and even build your own miniature space.

*Presented by: The Community Academy for Architecture and Design*

**12:00 p.m. - 3:00 p.m.**  
The Community  
Academy for  
Architecture and  
Design  
Stone Mountain  
**Fee: \$5**



**1:00 p.m. - 4:00 p.m.**  
The Paideia School  
Atlanta  
**Fee: Free with advance registration**



**ALEX'S PICK**  
**2:00 p.m. - 3:00 p.m.**  
Little Shop of Stories  
Decatur  
**Fee: Free**



**ALEX'S PICK**  
**2:00 p.m. - 4:00 p.m.**  
City Winery  
Atlanta  
**Fee: \$20**

**2:00 p.m. - 4:00 p.m.**  
Amphibian Foundation  
Atlanta  
**Fee: Free with advance registration**

## Family Science Carnival

**Families, Elem. School, Preschool, Middle School**

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: Air Cannon Shoot, Giant Jenga, Sound Wave Splash, and more!

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

## Do you Have What it Takes to Be a HUMAN Crash-Test Dummy?

**Families, Elem. School, Middle School**



Cars take us to work. To school. Can you imagine a world without them? It's not easy! And who do we have to thank for helping to make our cars safe? A crash-test dummy! Come join us for FUN and interactive trip through the history of car safety engineering and find out if YOU have what it takes to become a HUMAN crash-test dummy!

*Presented by: Peachtree Publishers, Jennifer Swanson Books, Little Shop of Stories*

## Science of Wine

**Adults**



Uncork your inner sommelier! Winemaker Travis Green will lead a private, seated wine class that's sure to impress any wine lover. After a brief introduction to wine tasting, you'll learn about vineyard biology and the science behind the winemaking process—all while tasting two different flights of delicious wine. The class will finish with a dessert wine, followed by an

interactive Q&A session.

*Presented by: City Winery*

## Not Just Newts: Behind the Scenes with the Amphibian Foundation

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

Atlanta is home to a unique nonprofit dedicated to the conservation and research of amphibians amidst a global population decline. In 2016, the Amphibian Foundation formed to focus on conserving two of Georgia's most imperiled species, and 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.

*Presented by: Amphibian Foundation*

## Bitter Spirits

**Adults**

Apéritifs? Digestifs? Amaros? Ever wonder what these concoctions have in common and why we drink them before and after meals? Join Christi Hansen, registered dietician and former organic vegetable farmer, for a deep dive into the digestive system and which aromatic and bitter plants grease its wheels. You'll learn the basics of making delicious bitters and take home your own elixirs made from a variety of fresh and foraged ingredients.

*Presented by: Hungry Heart Dietary Consulting, Timpson Creek Farm, Global Growers*

## Science in Little 5 Points: Full Moon Viewing\*

**Adults**

What better place to view a full moon than on the roof? Come have some fun at the Little 5 Corner Tavern, where we'll take in the full moon with Andy Thrasher from Fernbank Science Center and the L5P Astronomy Group.

\*This event repeats on March 9th. Check details online.

*Presented by: Little 5 Points Alliance, Fernbank Science Center Planetarium, Little 5 Points Corner Tavern, L5P Astronomy Group*

**3:00 p.m. - 5:00 p.m.**  
Global Growers  
Decatur Kitchen  
Garden  
Decatur  
**Fee: \$10**

**8:00 p.m. - 11:00 p.m.**  
Little 5 Corner Tavern  
Atlanta  
**Fee: Free**

# MONDAY, MARCH 9

## Chemistry Adventures: Illuminate

**Families, Middle School, High School, Elem. School**

Blinded by the light! Join us to find out about chemical reactions and processes that give off light. After watching us demonstrate, you'll get to conduct your own chemical reactions and decode secret messages!

*Presented by: Georgia State University Perimeter College*

**1:00 p.m. - 2:00 p.m.**  
GSU Perimeter  
College Clarkston  
Campus  
Clarkston  
**Fee: \$2/child (6-12 yrs), \$5/age 12 and over**

## Twilight on the Arboretum

**Adults, High School**

Enjoy the setting sun at the Beltline Arboretum in this service learning event! We'll be helping to create a stumpery garden in the Reynoldstown Glade. Come by, help us create this garden, and learn all about some of the native trees and plants involved!

*Presented by: Trees Atlanta*

**5:00 p.m. - 7:00 p.m.**  
Atlanta BeltLine  
Arboretum (Eastside Trail)  
Atlanta  
**Fee: Free with advance registration**

**ALEX'S PICK**

**7:00 p.m. - 9:00 p.m.**  
The Gathering Spot  
Atlanta  
**Fee: Free with advance registration**

**Black Tech****Adults**

As Atlanta grows into a national hub for minority-led tech, come learn from Black Tech Entrepreneurs at the hub for its innovation, The Gathering Spot. Join us for a panel discussion, "Building Your Ecosystem," where you'll learn how to grow your network and build your own startup ecosystem.

*Presented by: The Gathering Spot*

**7:30 p.m. - 10:00 p.m.**  
GSU Perimeter  
College Dunwoody  
Campus  
Dunwoody  
**Fee: Free**

**Stars Over Dunwoody****Adults, Families, Middle School, High School, Elem. School**

Join Dr. Jay Dunn for a night of stargazing in Dunwoody. Depending on conditions, you may see celestial objects ranging from planets to faint nebulae and galaxies with our 14-inch Celestron Telescope.

*Presented by: Georgia State University Perimeter College*

**TUESDAY, MARCH 10**

**9:00 a.m. - 3:30 p.m.**  
Georgia Tech Student  
Center  
Atlanta  
**Fee: \$150**

**STEM Teachers @ Tech day****Educators**

Teachers! This innovative professional learning opportunity will allow teachers to engage and tour cutting-edge labs and research centers, with the goal of increasing their understanding of current, real-world applications of their content.

*Presented by: Georgia Tech CEISM*

**10:00 a.m. - 11:30 a.m. and  
11:30 a.m. - 1:00 p.m.**  
Center for Puppetry Arts  
Atlanta  
**Fee: \$14.63**  
(includes ASF discount code)

**Milo the Magnificent: Puppets + Science!\*****Families, Elementary School**

Join the Center for Puppetry Arts and Alex & Olmsted as they introduce you to Milo the Magnificent! Catch this puppet show about magic and then dive into the science and art behind the show! You'll participate in our Create-A-Puppet Workshop™ and get hands on with specialized learning stations that share the science and technology behind puppetry! Have a blast learning about the magic and science of puppetry arts.

\* This event repeats twice daily from March 10 - 13. Check details online.

*Presented by: Center for Puppetry Arts*

**The Sound of Light****High School, Middle School, Educators**

Theremins are musical instruments you play without touching them! They make strange, otherworldly sounds, like we find in old sci-fi movies, *The Big Bang Theory*, and now on your own desk! Join us to learn how they work and make one to take home, and you won't want to miss the theremin performance by Scott Burland!

*Presented by: Georgia State University Perimeter College*

**Surface Tension and Suminagashi\*****Families, Elem. School, Middle School**

Science is art! Join us for an engaging activity exploring where science and art meet. Why is surface tension important? Because it may allow engineers to create items that can "walk on water." You'll learn about the study of surface tension and the ancient Japanese art of beautiful Suminagashi, and you'll even get to create beautiful works of art yourself!

\*This event repeats at other library locations on March 13th and 17th.  
Check details online.

*Presented by: Fulton County Library System*

**The Astronomy of Star Wars****Adults, High School, Middle School, Elem. School**

One with the Force are you? Join us for this all-ages dress up sci-fi adventure where we'll lead a discussion on the worlds and aliens of the *Star Wars* films and compare them with the planets and life in our solar system, as well as extra-solar planets.

*Presented by: Georgia State University Perimeter College*

**The Gene: An Intimate History****High School, Adults**

Gene editing technology has advanced rapidly in recent years, bringing with it new therapies for a range of conditions. But what are the implications? Join us for a free preview of the new documentary film, *The Gene: An Intimate History*, produced by Ken Burns. Stick around after the screening for a discussion about the bioethics of gene editing with scholars from the Emory Center for Ethics and the Personal Genetics Education Project.

*Presented by: Georgia Public Broadcasting, Emory Center for Ethics*

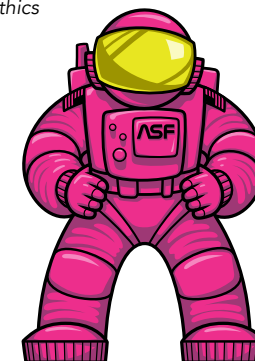
**10:00 a.m. - 12:00 p.m.**  
GSU Perimeter College,  
Decatur Campus  
Decatur  
**Fee: \$7**

**ALEX'S PICK**

**10:30 a.m. - 11:30 a.m.**  
The Louise Watley  
Library at Southeast  
Atlanta  
Atlanta  
**Fee: Free**

**5:00 p.m. - 6:30 p.m.**  
GSU Perimeter  
College Alpharetta  
Campus  
Alpharetta  
**Fee: Free**

**6:00 p.m. - 8:30 p.m.**  
Georgia Public  
Broadcasting  
Atlanta  
**Fee: Free with advance registration**







**ALEX'S PICK**  
7:00 p.m. - 8:00 p.m.  
Manuel's Tavern  
Atlanta  
**Fee: Free**

## Playing Mother Nature: A Night of Simulating Earth Science Phenomena!

**Adults**



Ever wonder how weather systems are formed in the atmosphere? Or perhaps you would like to know how an earthquake develops? If you have any interest in Earth Science, this event is for you! Join us for a hands-on adventure as we show off amazing tools to demonstrate the formation of weather systems, ocean circulation, earthquakes and other Earth science phenomena!

*Presented by: Georgia Institute of Technology School of Earth and Atmospheric Science*

## SSEF STEAM Showcase

**Families, Elem. School, Middle School**

Sandy Springs Education Force invites the entire community to their 10th annual, award-winning STEAM Showcase. No matter your age, you will enjoy dozens of interactive, hands-on technology and arts demonstrations from STEAM business and educational leaders. Experience cutting-edge Internet of Things, robotics, gaming, healthcare and entertainment exhibits, and get inspired about what the future holds!

*Presented by: Sandy Springs Education Force*

**6:00 p.m. - 8:00 p.m.**  
North Springs Charter  
High School  
Sandy Springs  
**Fee: Free**

## Science Trivia!

**Adults**

What's the hottest planet in the solar system? What are the three main body segments for insects? Name an animal other than birds that communicate with song. Know the answers? Stumped? Nerd out with us and test your knowledge in three rousing rounds of science trivia! Doors open at 6 p.m.

*Presented by: NSF/NASA Center for Chemical Evolution*

**7:00 p.m. - 9:00 p.m.**  
Monday Night Garage  
Atlanta  
**Fee: Free**

# WEDNESDAY, MARCH 11



**ALEX'S PICK**  
10:00 a.m. - 12:00 p.m.  
The Clorox Company  
Forest Park  
**Fee: Free with  
advance registration**

## Science Behind the Scenes at Clorox

**Families, High School, Middle School, Elem. School (7 and older), Adults**



Science is everywhere you look -- even on the shelves at your local store. Ever wonder how science and engineering help to make cleaning products? Come for a tour of the Clorox Company manufacturing plant where you will see robots, high tech manufacturing equipment managed by our amazing team members, and so much more that help to keep your world sparkling clean!

*Presented by: The Clorox Company*

## The Science of Breaking Bad

**Adults, High School**



Science and entertainment writer Dave Trumbore will join us to break down the much loved tv show *Breaking Bad*! All the science in *Breaking Bad*, from explosive experiments to acid-based evidence destruction, explained and analyzed for authenticity. Dave will take us

through famous scenes from the show and conduct fun experiments.

*Presented by: Eagle Eye Book Shop*

**ALEX'S PICK**  
7:00 p.m. - 8:30 p.m.  
Eagle Eye Book Shop  
Decatur  
**Fee: Free**

**10:30 a.m. - 11:30 a.m.**  
South Fulton Branch  
Library  
Union City  
**Fee: Free**

## Bio-Bus: Animal Diversity

**Families, Elem. School**

Are humans more closely related to bears or beetles? Join the GSU Bio-Bus as a junior taxonomist to explore the animal kingdom from sponges and corals to bugs, octopuses, and mammals! You'll use diverse animals' DNA sequences to create an animal "family tree."

*Presented by: Georgia State University Bio-Bus Program*

**3:30 p.m. - 4:30 p.m.**  
**4:30 p.m. - 5:30 p.m.**  
**5:30 p.m. - 6:30 p.m.**  
South Cobb Regional  
Library  
Mableton  
**Fee: Free**

## Bio-Bus: Chemistry - States of Matter

**Families, High School, Middle School, Elem. School**

Put on your goggles, don your gloves, and become a junior scientist as you engage in activities to learn about states of matter and the properties of these different states, all while making witches brew, slime and gak!

*Presented by: Georgia State University Bio-Bus Program*

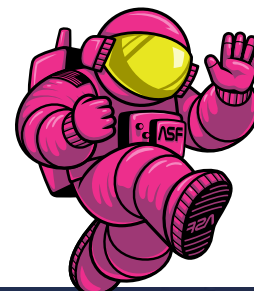
## Cannabis Time with Dr. Pete

**Adults**

Marijuana - It's been around forever. Heck, even George Washington grew hemp at his home in Mount Vernon. This ancient plant is now being seen in a whole new light, however, as states and nations change their laws and attitudes about the plant. Come learn about the relevant technical, medical, legal and economic issues from Georgia Tech engineering professor, local comedian, and cannabis researcher Dr. Pete Ludovice. He'll walk us through the science of pot and make us laugh at the same time.

*Presented by: Whole World Theater, Doctor Pete Productions, LLC*

**7:30 p.m. - 9:15 p.m.**  
Whole World Improv  
Theater  
Atlanta  
**Fee: \$10**





**ALEX'S PICK**  
**7:30 p.m. - 9:30 p.m.**  
 Atlanta Roller Derby  
 Practice Facility  
 Mableton  
**Fee: \$5/adults; kids free**

## Skate School: The Science of Roller Derby

Adults, Families, High School, Middle School



Roller Derby skaters can spin, jump, and slam into one another all while staying upright on roller skates. We're opening one special practice session at our facility in Mableton to the public so that we can show you the science behind how these moves happen. We'll explore topics like the physics of skating, the neuroscience of sports, and the microbes that

get shared in close contact. Atlanta Roller Derby league members will be scrimmaging throughout the science, so come watch and learn.

*Presented by: Atlanta Roller Derby, Atlanta Junior Roller Derby*

## Roadside Geology\*

Adults, Families, High School, Middle 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, Bill Waggener, to interpret the stories that rocks tell.

\*This event repeats on March 15th with a different starting point. Check details online.

*Presented by: Georgia Mineral Society*



**ALEX'S PICK**  
**1:00 p.m. - 3:30 p.m.**  
 South Entry Foyer of  
 Symphony Hall  
 Atlanta  
**Fee: \$5**

# THURSDAY, MARCH 12

**9:00 a.m. - 4:00 p.m.**  
 Georgia World Congress  
 Center - Hall A  
 Atlanta  
**Fee: \$5 without lunch.  
 \$15 with lunch**

## CEFGA CareerExpo & SkillsUSA Championships\*

High School, Middle School, Elementary School, Families, Adults

Students! Come learn how science and engineering can be the keys to a job in construction, utility contracting, highway contracting, electrical contracting, mechanical contracting, energy, mining and more. Check out our hands-on displays where you can engage with industry leaders, equipment and materials and tap into your unique skills and interests.

\* This event is also open on March 13th. Check details online.

*Presented by: Construction Education Foundation of GA*



**ALEX'S PICK**  
**10:00 a.m. - 12:00 p.m. and 1:00 p.m. - 3:00 p.m.**  
 The Center for Hard to Recycle Materials (CHaRM)  
 Atlanta  
**Fee: Free with advance registration**

## 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. There are two instances of this event: 10:00

a.m. and 1:00 p.m.

*Presented by: Live Thrive Atlanta's CHaRM*

## Code the Glow

Families, High School, Middle School, Elem. School

The next time your friends stop by, your home will be "lit." Smart home technologies are right at your fingertips at our Code the Glow event, where you will create your own automated programmed lighting system using Arduino.

*Presented by: Georgia State University Perimeter College*

**1:00 p.m. - 3:00 p.m.**  
 GSU Perimeter  
 College, Dunwoody  
 Campus  
 Dunwoody  
**Fee: \$5**

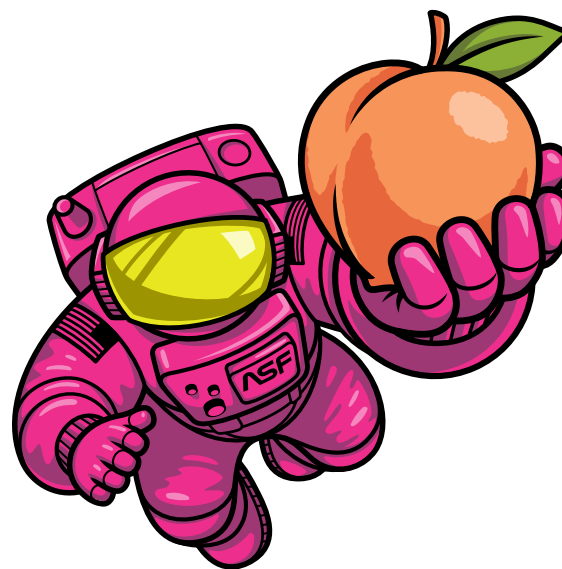
## Bio-Bus: Chemistry – Acids, Bases & Indicators

Families, High School, Middle School, Elem. School

Put on your goggles, don your gloves and become a junior chemist as you learn about the building blocks of chemistry: acids and bases. Explore the properties of these solutions and join the Bio-Bus as we put a creative spin on learning how these chemicals behave together. Note: There are two sessions of this event at 2:30 p.m. and 3:30 p.m.

*Presented by: Georgia State University Bio-Bus Program*

**2:30 p.m. - 4:30 p.m.**  
 Toco Hills Library  
 Decatur  
**Fee: Free**





5:00 p.m. - 7:30 p.m.  
Stonewall Tell  
Elementary School  
College Park  
Fee: Free

### Family Science Night with UGA Extension Fulton County

Families, Middle School, Elem. School

Join the fun at Family Science Night with Fulton County 4-H as you explore science through hands-on and engaging activities! Rotate through various stations to explore concepts such as food science, animal science, agriscience, 3D printing, biological science, and more!

Presented by: UGA Extension - Fulton County, Stonewall Tell Elementary School



ALEX'S PICK  
7:00 p.m. - 8:30 p.m.  
GSU Perimeter  
College, Clarkston  
Campus  
Clarkston  
Fee: Free

### OneEarth/OneChance

Adults, High School



Join us for One Earth/One Chance - Artists Standing for an End To Global Warming. The event will feature an exhibition of work inspired by the climate crisis from 70 local visual artists, performance art, and a panel discussion with four climate crisis experts.

Presented by: Women's Caucus For Art of Georgia, Georgia State University

Perimeter College



ALEX'S PICK  
7:00 p.m. - 8:30 p.m.  
Goethe-Zentrum/  
German Cultural  
Center Atlanta  
Atlanta  
Fee: Suggested  
donation \$10

### >>SEXY SCIENCE<< Serious Humor – Made in Germany

Adults



Join comedian Vince Ebert as he wins heads and hearts explaining scientific facts using the fundamental laws of humor: Why is the sky blue? Why is the night black? Why shouldn't we eat yellow snow? You don't want to miss this witty and inspiring performance about skeptical thinking, fake news, the secret of German cars and the important question: Do strippers in the

southern hemisphere turn around the pole in the opposite direction?

Presented by: German Consulate General

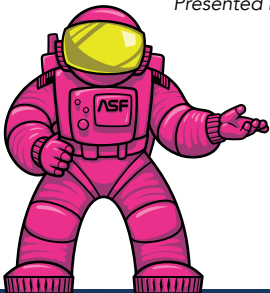
7:30 p.m. - 9:30 p.m.  
Highland Inn &  
Ballroom  
Atlanta  
Fee: \$15

### Science Riot

Adults

Take some scientists, teach them the basics of comedy writing, and put them onstage for a live audience performance. Real Science. Real Experts. Real Funny.

Presented by: Georgia Institute of Technology, Science Riot



### Sober Science Speakeasy

Adults



A sober science speakeasy throwing you back to the 1920s in 2020: enjoy live jazz music and exotic drinks! Learn about the science of boba, butterfly peaflower tea and kombucha, foams and emulsions, nitrogen cold brew and more.

Presented by: Georgia Institute of Technology STEM Comm VIP team



ALEX'S PICK  
7:30 p.m. - 10:00 p.m.  
Coda Building of  
Georgia Tech  
Atlanta  
Fee: \$25 (\$10 for  
students)

## FRIDAY, MARCH 13

### Insects Around Us

Families, Elem. School, Middle School

Do you love insects? You will after this event! Sometimes friends, sometimes foes, insects have held a tempestuous place in human history. Explore the fascinating world of insects, visiting stations where you can catch and observe insects under microscopes, explore insect life cycles, create art inspired by our insect friends, and dine on insect culinary treats (YUM).

Presented by: GSU Perimeter College

10:00 a.m. - 12:00 p.m.  
GSU Perimeter  
College, Decatur  
Campus  
Decatur  
Fee: Free

### Interactive Family Tour: CDC Museum

Families, High School, Middle School, Adults

Visit the CDC Museum for a fun and interactive family tour of two exhibits: *Changing Winds: Public Health and Indian Country* and *The Roots of Wisdom: Native Knowledge. Shared Science*. We'll explore the contributions of American Indians and Alaska Natives to public health. You'll get to tour the exhibits by participating in a scavenger hunt, and challenge one another in an interactive quiz.

Presented by: David J. Sencer CDC Museum

10:00 a.m. - 12:00 p.m.  
David J. Sencer CDC  
Museum  
Atlanta  
Fee: Free with  
advance registration

### Bio-Bus: DNA is for Families

Families, Elem. School

Let the GSU Bio-Bus take you on a genetics adventure! DNA is for Families is an exciting series of hands-on activities where young learners (ages 5-10) and their parents work together to explore how different traits are inherited. You'll work with DNA models, and models of people, to explore how DNA plays a role in this process. This event can be presented in both English and Spanish.

Presented by: Georgia State University Bio-Bus Program

2:30 p.m. - 5:00 p.m.  
Gwinnett County  
Public Library  
(Norcross Library)  
Norcross  
Fee: Free

**7:00 p.m. - 9:00 p.m.**  
Amphibian Foundation  
Atlanta  
**Fee: \$10**

## Critters & Cabernet

**Adults**

Reptiles and wine?! What could go wrong? Join us for an extremely hands-on approach to learning about this fascinating group of animals. Heck, we'll even get to know some amphibians too! Frogs, salamanders, turtles, lizards and snakes will be present to explore. Your ticket includes access to the event and one drink. Additional drinks may be purchased onsite.

*Presented by: Amphibian Foundation*

**7:00 p.m. - 11:00 p.m.**  
Fernbank Museum  
Atlanta  
**Fee: \$14.95 members/\$19.95 non-members**

## Fernbank After Dark

**Adults**

Join us for a unique opportunity to experience Fernbank Museum after-hours. Challenge your senses through a variety of science-based, hands-on activities inspired by the special exhibit, *Our Senses: An Immersive Experience*. Explore all exhibits, enjoy a 3D movie and listen to live music. Ages 21+ only.

*Presented by: Fernbank Museum*

**9:00 p.m. - 11:00 p.m.**  
IceForum Duluth  
Duluth  
**Fee: \$25**

## Intro to Curling - Exploring the Boundary Where Granite Meets Ice\*

**Adults, High School, Middle 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!

\*This event repeats on March 20th.

*Presented by: Atlanta Curling Club*

## Family Zoo Yoga: Elephants!

**Families, High School, Middle School, Elem. School**

Forget tree pose, let's do trunk pose! Learn about elephants and try out some elephant-inspired yoga poses with our certified yoga instructor. This fun, interactive program is geared toward families with children ages 4+. Namaste!

*Presented by: Zoo Atlanta*

**8:30 a.m. - 9:30 a.m.**  
Zoo Atlanta  
Atlanta  
**Fee: \$10 for members  
\$15 for non-members**

## 8th Annual Latino College & STEM Fair

**Families, High School, Middle School**

Join us for bilingual workshops, fun hands-on activities for the entire family, a college fair, and inspirational conversations with Latino college students, parents, professors, and other STEM professionals. This will be a free, fun, educational and exciting event – not to be missed!

*Presented by: Georgia Tech CEISMIC Go-STEM*

**9:00 a.m. - 2:00 p.m.**  
Georgia Tech Student  
Center  
Atlanta  
**Fee: Free**

## KidGineers Hackathon

**High School, Middle School**

Girls ages 11 - 16! Come learn how to make a website and an app at our engineering hackathon! Spend the day with us brainstorming problems in your community and designing digital solutions!

*Presented by: KidGineers, Everybody Code Now, NCWIT*

**9:00 a.m. - 5:00 p.m.**  
Christian Fine Arts of  
Forsyth  
Cumming  
**Fee: \$5**

## Science of Star Wars

**Adults, High School, Middle School, Families**

What might a "galaxy far, far away" be like? Ever wonder if, one day, you'll be able to wield a lightsaber? Join us for a discussion on the science and technology featured in *Star Wars*. Experts in astrobiology, robotics for exploring icy planets, and human-robot interactions will share their favorite technologies from the films and answer your questions.

*Presented by: Institute for Electronics and Nanotechnology at Georgia Tech*

**10:00 a.m. - 11:00 a.m.**  
Marcus  
Nanotechnology  
Building, Georgia Tech  
Atlanta  
**Fee: Free**

## We Eat Trash: The Science Behind Worm Composting

**Adults, Families**

What happens to that moldy package of strawberries you throw away once they're in your trash can? They eventually break down or decompose. Worms love to eat food like this! Join us to learn about using our household food waste to feed worms that can turn our trash into rich compost for our gardens. You will take home your own worm bin to turn your trash into something useful.

*Presented by: UGA Extension Clayton County, Clayton County Government*

**10:00 a.m. - 11:30 a.m.**  
Jim Huie Recreation  
Center  
Jonesboro  
**Fee: \$10**

# SATURDAY, MARCH 14



**ALEX'S PICK**  
**8:00 a.m. - 10:00 a.m.**  
Blue Heron Nature  
Preserve, Emma  
Wetlands Field  
Education Center  
Atlanta  
**Fee: \$5**

## Bird-banding Demo with Atlanta Audubon

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



Nothing connects us to the natural world quite like birds. However, with their ability to fly, it is often hard to see our feathered friends up close and personal. Join Atlanta Audubon Conservation Director Adam Betuel for the opportunity to see some of our wild birds in the hand. Adam will discuss the work Atlanta Audubon is overseeing, teach us about bird

banding and the science behind it, as well as educate participants on the joys of birds and birdwatching.

*Presented by: Atlanta Audubon Society*



**ALEX'S PICK**  
**10:00 a.m. - 12:00 p.m.**  
 Mason Mill Park  
 Decatur  
**Fee: Free with advance registration**

## I.D. the Trees!

**Families, Adults, High School, Middle School, Elem. 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. Learn techniques for identifying trees by their bark, leaves, flowers, and fruit. From the common water oak to the rare winged elm, come fall in love with trees at Mason Mill Park!

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

**10:00 a.m. - 1:00 p.m.**  
 Fernbank Museum  
 Atlanta  
**Fee: Free with museum admission**

## Little Critters Day

**Families, Elem. School, Preschool**

Bring your kids for this special event at Fernbank Museum where they can explore the world of animals. Learn about biology and zoology with Fernbank educators and special partners through hands-on activities and opportunities to meet live animals.

*Presented by: Fernbank Museum*

**10:00 a.m. - 2:00 p.m.**  
 Zoo Atlanta  
 Atlanta  
**Fee: Free with zoo admission**

## Biomechanics Day: Animals in Motion

**Families**

Ever wonder how snakes slither, how frogs use their tongues, or why flamingos stand on one leg? Drop-in at Zoo Atlanta to celebrate the diversity of animals on Earth and the incredible ways they move. With help from biomechanics experts at GA Tech, you can participate in live demonstrations and presentations that are sure to generate excitement about biomechanics and applications in Bio-inspired Design.

*Presented by: Zoo Atlanta*



**ALEX'S PICK**  
**10:00 a.m. - 3:00 p.m.**  
 Georgia State University Petit Science Center  
 Atlanta  
**Fee: Free**

## Discovery Day at GSU

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



Explore four floors of science at Discovery Day! We'll have hands-on science demonstrations with the science of ice cream, the wonders of 3-D printing, slime, and brains! Don't miss out on our Lab Experiences and make sure to visit our Open Labs! And don't leave without checking out the collision of art and science in our Fusion Gallery.

*Presented by: Georgia State University*

## Investigating the Nanoscale

**Families, Middle School, High School, Adults**



How do scientists and engineers make and see nanoscale objects? What does your hair or an insect's eye look like under a scanning electron microscope (SEM)? Through hands-on demos, learn what makes the nanoscale different, how harnessing it has led to improvements in products you use every day, and about future applications you can only imagine. Take a

cleanroom tour and bring a sample (not wet and not greater than an inch in diameter) to scan with our tabletop SEM.

*Presented by: Institute for Electronics and Nanotechnology at Georgia Tech*

## All Eyes on Amphibians!

**Elem. School, Preschool**



Head over to Little Shop of Stories to hear some of our favorite stories about amphibians, followed by amphibian art amusement. We'll be using our scientific observation skills and live drawing some of our favorite amphibians! We will even meet some of the friendliest frogs in the world!

*Presented by: Amphibian Foundation, Little Shop of Stories*

## Science Tales & Trails: Break the Cycle of Health Disparities

**Families, Adults, High School**

Join Science for Georgia and Break the Cycle of Health Disparities for an outdoor social learning journey. We'll highlight efforts to address the health, environmental, socio-economic, and ecological disparities of health for children living under adverse social and economic circumstances in communities as we walk along ~1 mile of the Westside Beltline with occasional stops to rest and discuss.

*Presented by: Break the Cycle of Health Disparities, Science for Georgia*

## Snake Day

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

Explore "Snake Senses" at the 6th annual Snake Day at Fernbank Science Center. What is up with those tongues? Where does the term "pit viper" come from? If rattlesnakes don't have ears, why do they make noise to warn predators? Snake Day features family-friendly hands-on activities, informational talks, displays about snakes as pets and Georgia's own native snakes, and of course, LOTS of live snakes to get up close & personal.

*Presented by: Fernbank Science Center, American Reptile Association, Georgia Reptile Society*



**ALEX'S PICK**  
**11:00 a.m. - 2:00 p.m.**  
 Marcus Nanotechnology Building, Georgia Tech  
 Atlanta  
**Fee: Free**




**ALEX'S PICK**  
**12:00 p.m. - 1:30 p.m.**  
 Little Shop of Stories  
 Decatur  
**Fee: Free**

**12:00 p.m. - 2:00 p.m.**  
 Rose Circle Park  
 Atlanta  
**Fee: Free**

**12:00 p.m. - 3:00 p.m.**  
 Fernbank Science Center  
 Atlanta  
**Fee: Free**





Here's to the next generation of  
foresters, engineers and scientists  
who are creating a renewable future.

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INTERNATIONAL  PAPER

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## THE ARTHUR M. BLANK FAMILY FOUNDATION

*WE BELIEVE THAT EVERY CHILD DESERVES THE  
OPPORTUNITIES PROVIDED WITH A STEAM EDUCATION.*

*WE PROUDLY SUPPORT THE  
ATLANTA SCIENCE FESTIVAL*

*AND YOUR EFFORTS TO BRING  
THE WONDER OF SCIENCE  
TO ATLANTA'S YOUTH.*



PHOTO CREDIT: STE(A)M TRUCK



**1:00 p.m. - 3:00 p.m.**  
Johns Creek  
Environmental Campus  
Roswell  
**Fee: Free (groups larger  
than 10 must register)**

## The Journey of Our Water

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

Ever wonder where our water comes from and what happens to water before and after we use it? Come take an educational journey 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 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.

*Presented by: Fulton County's Johns Creek Environmental Campus*

**1:00 p.m. - 3:00 p.m.**  
Gwinnett County  
Government Annex  
Lawrenceville  
**Fee: \$5/kids, adults  
free**

## Gwinnett 4-H Wacky Science Night from UGA Extension

**Families, Elem. School, Preschool**

Can you power a blender and make a smoothie by riding a bike? Have you checked out the latest technology with 3D printing or tested water for bacteria? Join us for an afternoon of science exploration and mystery where we answer these questions and more.

*Presented by: UGA Extension - Gwinnett County; Gwinnett County Public Library; Water Conservation, Gwinnett Technical College, NRCS*

**1:00 p.m. - 4:30 p.m.**  
Mountain View  
Regional Library  
Marietta  
**Fee: Free**

## CCPLS Family Tech Time

**Families, Preschool, Middle School, Elementary School**

Robotics! Virtual reality! Hands-on science! Come on out to the Cobb County Public Library System's Family Tech Time for a family-friendly afternoon of fun and science. Educators are also invited to preview CCPLS STEM Stacker educator kits developed in partnership with the Georgia Science Teacher Association and UGA Cobb 4H.

*Presented by: Cobb County Public Library*



**ALEX'S PICK**  
**2:00 p.m. - 4:00 p.m.**  
Carter Presidential  
Library & Museum  
Atlanta  
**Fee: Free with advance  
registration**

## Ask a Scientist

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



WABE, Atlanta's NPR station, presents scientists from different disciplines as they demystify their fields of study, and offer us a chance to Ask A Scientist. Join WABE's science reporter, Molly Samuel, and science enthusiasts of all ages, for an educational, entertaining, and exciting afternoon.

*Presented by: WABE 90.1 FM*

**3:00 p.m. - 5:00 p.m.**  
Historic Westside  
Gardens @ Boone  
Atlanta  
**Fee: Free**

## Garden Detox

**Adults, High School**

Come discuss heavy metal soil contamination in West Atlanta to learn what you can do about it. We will have food and interactive games and giveaways to make it fun, but also educational!

*Presented by: Historic Westside Gardens, Georgia Department of Public Health, Environmental Protection Agency, Emory University*

## Petri Dish Picassos

**Families, Elem. School, Middle School, High School**



Bacteria art - is it crazy, awesome, or both? Come learn about professional artists that use bacteria to make living artwork and learn how to become a petri dish Picasso yourself! Participants will be provided with agar plates, paints, and tools commonly used to "paint" with bacteria. You will get to take home your own petri dish masterpiece!

*Presented by: Atlanta Contemporary, Science ATL Science Communication Fellows*

## DESIGNORAMA

**Families, Middle School, Elem. School, High School**

DESIGNORAMA is Drew Charter School's annual family-friendly celebration of inventing, making and creating. This event brings together makers, crafters, inventors, hackers, scientists, and artists for a fair full of fun and inspiration. Come see what others are making and be inspired to tap into your own creativity!

*Presented by: Drew Charter School*

## Cuisine de Jardin! Cooking in the Garden!

**Families, Middle School, Elem. School**

Are you the next All Star Chef? Can you rise to the challenge? Turn up the fire on your cooking creativity with Cuisine de Jardin! This high-energy cooking competition will explore the biology of the plants we eat, the science of nutrition, and the art of food preparation. Junior chefs will prepare their own dish using mystery ingredients, all while learning that fresh garden foods are très chic!

*Presented by: The Village Tutorial and Enrichment Program, Scott Elementary School Community Garden*

## Superhero Science Night

**Families, Preschool, Elem. School**

Calling all superheroes! Grab your super-suits and come learn how to save the world with the power of STEM! Enter the Batcave to help catch Gotham's villains, create lightning-like electricity with Storm, and become a brilliant botanist to defeat Poison Ivy. You won't want to miss these out-of-this-world experiments, extraordinary shows, and incredible activities where both your wits and imagination will be put to the superhero test!

*Presented by: Children's Museum of Atlanta*



**ALEX'S PICK**  
**3:00 p.m. - 5:00 p.m.**  
Atlanta Contemporary  
Atlanta  
**Fee: Free with  
advance registration**

**3:00 p.m. - 6:00 p.m.**  
Drew Charter School -  
Elementary Academy  
Atlanta  
**Fee: Free**

**4:00 p.m. - 5:30 p.m.**  
The Cook's Warehouse  
Chamblee  
**Fee: \$7.50**

**6:30 p.m. - 8:30 p.m.**  
Children's Museum of  
Atlanta  
Atlanta  
**Fee: \$10 for members,  
\$20 for nonmembers**



**ALEX'S PICK**  
**11:00 a.m. - 2:00 p.m.**  
 Arabia Mountain  
 Nature Center  
 Lithonia  
**Fee: Free**



**ALEX'S PICK**  
**1:00 p.m. - 2:30 p.m.**  
 Alliance Theatre Selig  
 Family Black Box  
 Theatre  
 Atlanta  
**Fee: Adults \$10, Children 6-17 \$5, Children 5 and under free**

**1:00 p.m. - 5:00 p.m.**  
 Martin Luther King Jr  
 Recreation Center  
 Atlanta  
**Fee: Free**

**2:00 p.m. - 3:30 p.m.**  
 Outdoor Activity  
 Center  
 Atlanta  
**Fee: Free**

## Eco-Geo Expedition

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



Grab your phone and get ready to hike up Arabia Mountain for a scavenger hunt that includes geocaching, identifying unique species, and finding geologic features beneath your feet! Stop by the nature center to claim your scavenger hunt card before you get started and consider joining a guided hike to learn about plants, insects, and more as you explore the landscape.

*Presented by: Georgia State University*

## In My Granny's Garden

**Preschool, Families**



The Alliance Theatre's Bernhardt Theatre for the Very Young meets science! Join us for this play, based on the book by Pearl Cleage, that explores the glory of growing your own food. We'll be joined by a special scientist guest, Chelsea Thomas, who will share knowledge about some of the creatures living in our gardens. Use discount code ASF2020 for 50% off your ticket for this special Atlanta Science Festival preview performance.

*Presented by: Alliance Theatre, Atlanta Botanical Garden*

## Mathapalooza!

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

Explore the wonder of mathematics, art, performance, and magic! Spend the afternoon exploring puzzles and games, and engaging with mathematics through music, magic tricks, movement, and visual art. You will be amazed at the beauty of mathematics and how it shows up everywhere in our lives.

*Presented by: Mathematics in Motion Inc., Julia Robinson Mathematics Festival*

## Don't You Snap at Me!

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

Join us for a discussion and (completely safe) live exhibit exploring the biology, myths, and legends of our largest, most notorious, and most despised native vertebrates - the Snapping Turtle. See them up close and personal while learning about their ecology and the role they play in our urban ecosystem. Learn about the Amphibian Foundation's urban turtle conservation programs which benefit our community as well as the turtles in our neighborhoods.

*Presented by: Amphibian Foundation*

## Starry Night

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

Come out for a telescopic tour of the evening sky, see objects in our solar system and beyond, and learn about the exciting astronomy research done at Georgia State. GSU astronomers will give you access to their research telescopes along with smaller telescopes to show you the observable stars and planets in our night sky, weather permitting.

*Presented by: GSU Department of Physics & Astronomy, Hard Labor Creek Observatory*

# SUNDAY, MARCH 15



**ALEX'S PICK**  
**8:30 a.m. - 10:30 a.m. and 5:00 p.m. - 7:00 p.m.**  
 Piedmont Park  
 Atlanta  
**Fee: Free**

## How to Count Squirrels (and Why)

**Families, Adults, High School**



Why count squirrels? What can we learn by paying attention to, observing, and tallying the common Eastern gray? And how do you know you're not counting the same squirrels twice? Come hear how this citizen-science activity teaches us about squirrels, urban wildlife, ourselves, and how we use our urban green spaces.

*Presented by: The Squirrel Census*

**10:00 a.m. - 11:30 a.m.**  
 Clyde Shepherd Nature  
 Preserve  
 Decatur  
**Fee: Free**

## Salamander Stroll

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

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!

*Presented by: Amphibian Foundation*

**10:30 a.m. - 12:00 p.m.**  
 Atlanta Contemporary  
 Atlanta  
**Fee: \$10, \$8 for Atlanta Contemporary members**

## Movement Love

**Adults**

Emotions influence our bodies. Thoughts register neurological connections in our brains. Memories inform our actions and our movements. It's all an interactive dance of experience, perception, decision and happenstance; a push and pull dialogue during any moment in time. Join us at Atlanta Contemporary for an opportunity to expand that dialogue at Movement Love - a yoga series that explores the brain-body connection through a scientific lens.

*Presented by: Movement Love, Atlanta Contemporary*



**ALEX'S PICK**

**2:00 p.m. - 4:30 p.m.**  
Love is Love Farm  
Decatur  
**Fee: Free**  
(Advance registration appreciated)

**Small Bites & Science Day on the Farm**

**Families, Elem. School, Preschool**



*Club, Love is Love Farm*

Join us for a day of science on the farm with Small Bites Adventure Club! You'll prepare and try new foods with farmers and chefs, exploring the math and science from farm to plate along the way. You'll also learn how small urban veggie farms can help feed a city. Wear outside clothes and shoes, and make sure you bring water.

*Presented by: Small Bites Adventure*

**2:00 p.m. - 5:00 p.m.**  
Cascade Springs Nature Preserve  
Atlanta  
**Fee: Free**

**Splash into Stream Science**

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

Examine the world of water by catching and studying bugs 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*

**6:00 p.m. - 8:00 p.m.**  
Fernbank Museum  
Atlanta  
**Fee: \$5**

**Get Involved! Citizen Science Night**

**Adults**

Looking to see how YOU can contribute to ongoing scientific initiatives in Atlanta? Parents – do you want to find ways to get involved with your kids doing real-world science? Then come to Fernbank Museum and learn all about local citizen science initiatives. Find out how you can be a part of these exciting initiatives during a social hour with scientists following the presentations, and get started on your journey as a citizen scientist.

*Presented by: Fernbank Museum*

**Mathapalooza After Dark!**

**Adults**



Just what do mathematicians do after dark when they have said QED to their workday? Do they sing and dance off to infinity? Do they take their singularities and push their boundaries? Yes - innumerable such transformations happen! And now, for the first time ever, the public has the chance to see mathematicians along with some of Atlanta's most creative artists

performing some real numbers on the stage of the Highland Ballroom in the variety show we call Mathapalooza After Dark!

*Presented by: Mathematics in Motion Inc., Julia Robinson Mathematics Festival*

**Math Trivia: Fun to the (n+1)st Degree!**

**Adults**



Which well-known mathematical constant's name is meant to be an abbreviation of the Greek word perimetros, meaning circumference? What statistical term for a measure of center is also the word for the center of a divided highway? If you answered " $\pi$ ," and "Median," then come out and play! Enjoy trivia questions – computational and pop

cultural – and compete for prizes!

*Presented by: Agnes Scott College*

**ALEX'S PICK**

**7:00 p.m. - 10:00 p.m.**  
Highland Inn & Ballroom  
Atlanta  
**Fee: \$10**

**ALEX'S PICK**

**7:30 p.m. - 10:00 p.m.**  
My Parents' Basement  
Avondale Estates  
**Fee: Free**

**TUESDAY, MARCH 17****MONDAY, MARCH 16**

**8:00 a.m. - 3:30 p.m.**  
YMCA of Metro Atlanta Leadership and Learning Center  
Atlanta  
**Fee: Free with advance registration**

**Mad Science Fest**

**Adults, Families**

Come join the YMCA and TAG-ED for a day of family fun! At the Mad Science Fest you'll have a chance to do fun experiments, enjoy a special performance from the Alliance Theatre, and learn how you can be a champion for STEAM education in your family and community.

*Presented by: YMCA of Metro Atlanta, TAG-ED, Connect ATL STEAM, STE(A)M Truck, The Alliance Theatre*

**It's My Brain! My Brain Made Me Do It!**

**Elem. School, Middle School, High School, Families**

Have you ever wondered what a human brain looks and feels like in person? How your brain works and influences the way you behave? Why some animals are more aggressive than others? Follow your curiosity to Morehouse College, and join us for interactive activities and demonstrations with three psychology professors with expertise in neuroscience and animal behavior.

*Presented by: Morehouse College Department of Psychology*

**4:00 p.m. - 5:30 p.m.**  
Morehouse Nabrit-Mapp-McBay Hall  
Atlanta  
**Fee: Free**



**7:30 p.m. - 9:30 p.m.**  
Whole World Improv  
Theater  
Atlanta  
**Fee: \$10**

## 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 entertaining and educational experience. Comedy improvisation has never been geekier.

*Presented by: Georgia Institute of Technology*

## Discovering Science Through Art

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

Investigate the wonder of science and nature through the perspective of an artist! Drop in during the afternoon to explore the art of Garfield Kwan, scientist and comic artist. Hear him talk about his art and what he finds important in depicting science through comics. Take a look at the specimens on display (fish, crabs, squid and more) and try your own hand, with a little guidance, at drawing what you see.

*Presented by: Oxford College of Emory University*

**7:30 p.m. - 9:30 p.m.**  
Oxford College  
Student Center  
Oxford  
**Fee: Free**

# THURSDAY, MARCH 19

**4:30 p.m. - 6:00 p.m.**  
Tucker Middle School  
Tucker  
**Fee: Free with  
advance registration**

## STEMCon

**Middle School**

Disease detectives are hard at work here in Atlanta! Northrop Grumman employees use science and data daily as they help us battle germs. Meet up with us to learn how disease detectives fight contagions and become a disease detective yourself!

*Presented by: Northrop Grumman, Tucker Middle School*



**ALEX'S PICK**  
**6:00 p.m. - 8:00 p.m.**  
Brownwood Park Pavilion  
Atlanta  
**Fee: Free**

## Become an Archaeologist

**Families, Elem. School, Middle School**



Have you ever wondered how people lived in the past? Archaeologists are the detectives of science, working to answer this question. Join Emory University experts for a set of activities where you can learn how to extract DNA, perform chemical analysis to discover the uses of artifacts, and put ancient objects and skeletons back together like a puzzle.

*Presented by: Emory University Department of Anthropology*

**7:00 p.m. - 8:30 p.m.**  
First Christian Church  
of Decatur  
Decatur  
**Fee: Free**

## Science & Spirituality

**Adults**

Science asks the "how" questions, and the answers need to be qualified. Spirituality asks the "why" questions, and the answers may be broader. Join us for an evening of questions and answers as we explore the intersections between science and spirituality.

*Presented by: First Christian Church of Decatur*

## 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**  
**8:00 p.m. - 10:00 p.m.**  
Highland Inn &  
Ballroom  
Atlanta  
**Fee: \$10**



# FRIDAY, MARCH 20

## Science for EveryBODY

**Middle School, Families, High School, Elem. School**

Join us as we take a tour through the human body and explore the inner workings of the amazing place we call home. Peer through a microscope, touch a real brain, see the inside of a real heart, and interact with exciting exhibits designed to help kids from 2 to 102 better understand how we live, breathe, work and smile.

*Presented by: Chattahoochee Technical College*

**9:00 a.m. - 12:15 p.m.**  
Chattahoochee  
Technical College  
Acworth  
**Fee: Free**

## Sprouting Scientists

**Families, Preschool**

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*

**10:00 a.m. - 12:00 p.m.**  
Atlanta Botanical  
Garden  
Atlanta  
**Fee: Free with  
admission**





**ALEX'S PICK**  
**3:30 p.m. - 7:00 p.m.**  
Emory University, Math and Science Building  
Atlanta  
**Fee: Free**

### Physics Live!

Families, Elem. School, Middle School



Ever play with giant soap bubbles, ride a hovercraft, or taste liquid nitrogen ice cream? How about journey through space and time as you gaze at the stars? Now you can with Physics Live! Come join the faculty and students at Emory University's Department of Physics for an afternoon and evening of science exploration! Loads of exciting demonstrations, planetarium shows (limited seating, tickets available upon arrival), and lab tours (research in action!).  
*Presented by: Emory University Physics Department*



**ALEX'S PICK**  
**3:30 p.m. - 7:00 p.m.**  
Emory University  
Atwood Chemistry Center  
Atlanta  
**Fee: Free**

### Chemistry Carnival

Families, Elem. School, Middle School, High School



Come one, come all, to the Chemistry Carnival! Learn about the cutting-edge research Emory studies through carnival games like Peptide Jenga and Bacterial Telepathy! Prizes will be awarded and scientists will be on site to explain the laboratory research hiding behind each fun game concept.  
*Presented by: Emory University*

*Department of Chemistry*

**4:00 p.m. - 7:00 p.m.**  
Emory University  
Psychology Building  
Atlanta  
**Fee: Free with advance registration**

### Health Hacks Coding Workshop

Middle School, High School

During the Health Hacks Workshop, you'll get the opportunity to immerse yourself into the foundations of coding and its applications to improving health in the community. You'll have help from expert mentors to spark inspiration and assist with coding through interactive workshops. No coding experience required. Food, lessons, and laptops included!  
*Presented by: Citizen Science HD, Girls Who Code*

**7:00 p.m. - 9:30 p.m.**  
Schwartz Center for Performing Arts  
Atlanta  
**Fee: \$5**

### Tracking and Embodying Atlanta's Animals

Adults, High School

What animal left those tracks in the mud outside your backdoor, or next to the stream where you walk your dog? Atlanta may be a large urban city, but more than just people and their pets live among us. What stories can we tell from animal tracks once we understand how to identify and interpret them? This fun interactive workshop teaches participants about some of Atlanta's wild animals and how to recognize and interpret their tracks and signs while using improvisational movement and storytelling.  
*Presented by: Emory University, InterPlay Atlanta*



# DISCOVERY AWAITS

**15** EVENTS IN MARCH HOSTED BY  
**GEORGIA STATE UNIVERSITY**  
across the metro Atlanta area  
— free and open to the public —



[atlantasciencefestival.org](http://atlantasciencefestival.org)



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Inspired by patients.  
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Join us for Atlanta's biggest interactive science celebration.

# EXPLORATION EXPO



Saturday, March 21 • 11:00 a.m. – 4:00 p.m.  
Piedmont Park\*



Touch a human brain!

Build biological machines!



Show off your craziest socks on  
the Giant Traveling Map of Georgia!

Look inside a jet engine!



Draw with 3-D pens!

Taste miracle berries!



Meet predators, parasites,  
and pollinators!


With more than 100 hands-on, interactive science booths from local organizations, universities, and companies, we'll be showing off Atlanta science at this year's Exploration Expo. Kids, adults, families – there's something for everyone at this **FREE** event.




A list of exhibitors is available online in March.

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

## We STEAM!

NCR Foundation is  
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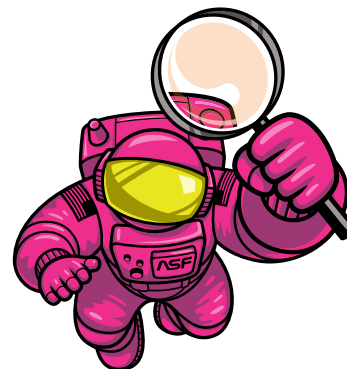
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# Science Matters.

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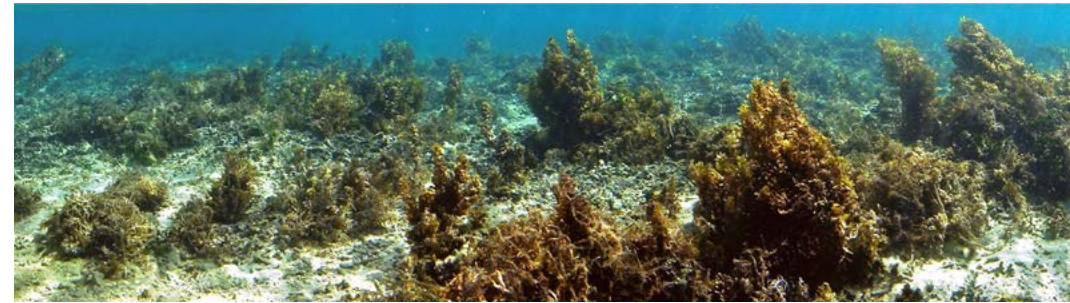


# BUILDING A TALENT PIPELINE THROUGH STEM READINESS

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](http://www.metroatlantachamber.com)



» FROM DISCOVERY  
TO SOLUTIONS...

Georgia Tech leads in  
addressing the challenges  
of climate change.

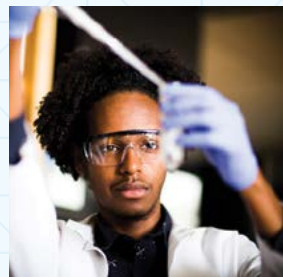


**Georgia  
Tech**  
CREATING THE NEXT





EMORY  
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## USING OUR SUPERPOWERS

From improving health across the globe, to finding new ways to reclaim water, to learning how to make medicine out of plants, our discoveries are forces of good that change the world.

We invite the next generation of fearless science thinkers to shape the future with us.

Emory University is proud to be a founder of the Atlanta Science Festival.

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