



ENGINEERED BY

**SCIENCE ATL**



# ATLANTA SCIENCE FESTIVAL™

engineered by **SCIENCE ATL**

SOME ARE SCIENTISTS  
SOME ARE ARTISTS

WE ARE BOTH

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



**EMORY**  
UNIVERSITY

[EMORY.EDU](http://EMORY.EDU)



## Welcome to the 2022 Atlanta Science Festival

It has been my honor to serve as the board chairman for Science ATL, the nonprofit that produces the Atlanta Science Festival, since our inception in 2014. I can honestly say it has been the highlight of my business career, and I am happy that you are part of it, too.

When I was first approached to learn more about the idea of having a science festival, I had no idea that it would turn into a world-class STEM organization that serves our community all year round. Starting over a decade ago with a coffee-shop conversation with founders Meisa Salaita Ph.D., Sarah Peterson, Ph.D., and Jordan Rose, MPH, this idea for a city-wide celebration of science was born. With support from the Metro Atlanta Chamber, Emory University, and Georgia Tech as the founding organizations, we were off to the races. Now, with 350+ partners/sponsors and 1,000+ events, 2,500+ volunteers, and 350,000+ participants since we started, we are considered to be the nation's largest city-wide science festival.

There truly is nothing better than watching a young child, teenager, or adult eengaging in science live, upfront, and in-person, and then seeing a lightbulb go off in their head, thinking to themselves, "I want to know more!" That is why Science ATL was born.

As I step down as chairman for the next chapter to be written, I am humbled and grateful to have been part of this fantastic mission to cultivate an equitable community of lifelong learners across metro Atlanta who are connected and inspired by the wonder of science.

David Hartnett  
Chairman of the Board Emeritus, 2014-2022

### FESTIVAL TEAM

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

Public Events Coordinator: Kristen Clayton

Volunteer Coordinator: Danielle Freeman

With additional support from the Science ATL Team: Sarah Peterson, AJ Chestnut Raines

Marketing and Media Relations: Lenz, Inc.

Event Management: Destination South Meetings & Events

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

### SCIENCE ATL BOARD OF DIRECTORS

Cheryl Kortemeier (Chair), Tjuan Dogan, Jason Hoch, Jamal Jesse, Melanie Lawrence, Susan Lozier, Emma McVey, Sarah Peterson, Jordan Rose, Meisa Salaita, James Ward, Jason Wellman

### Science ATL

191 Peachtree Street NE, Suite 3400, Atlanta, GA 30303

Tel: 770.332.4992 | [info@scienceATL.org](mailto:info@scienceATL.org)

*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*

*Science ATL was founded by Emory University, the Georgia Institute of Technology, and the Metro Atlanta Chamber*

*Some unmasked images used in this booklet are depictions prior to the COVID-19 pandemic. Science ATL supports getting vaccinated, wearing masks and social distancing to help stop the spread of the virus.*



#ATLSciFest



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FORESTRY  
INITIATIVE

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Astrobiology  
to **Origins of Life**

Astrophysics  
to **Space Exploration**

Chemistry and Physics  
to **Quantum Materials**

Climate Science to  
**Smart Communities**

Cognitive Psychology  
to **Healthy Aging**

Human Genomics  
to **Precision Medicine**

Mathematics to  
**Machine Learning**

Neuroscience to  
**Artificial Intelligence**

Quantitative Biosciences  
to **Data Revolution**

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

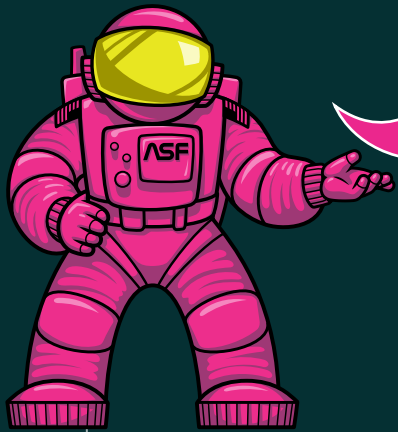
# Tomorrow starts at Tech.



Georgia Tech  
College of Sciences

[@gtsciences](https://cos.gatech.edu)





## Here's ALEX's checklist for a great festival!

HEADS UP!

Follow current COVID safety guidelines! When in doubt, maintain social distance, mask up, and wash your hands!



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



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!

### COVID Safety

The situation with COVID-19 is an ever-changing one. All events are posted online with the most current safety guidelines for each. Please note that events run by certain partners may have more strict rules than others. Check each event's guidelines online before you go, follow the most recent CDC guidance, and be as safe as possible at all times. Science ATL encourages vaccinations to protect yourself and others, and when in doubt, mask up and maintain social distance.

## 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. Science ATL is grateful to the following program partners

11 Alive  
AAAS IF/THEN Initiative  
Adopt-a-Stream  
Agnes Scott College  
American Reptile Association  
The Amphibian Foundation  
Atlanta Botanical Garden  
Center for Behavioral Neuroscience  
Center for Puppetry Arts  
Chattahoochee Riverkeeper  
The Children's Museum of Atlanta  
Citizen Science HD  
City of College Park  
Cobb County Public Library  
Consulate General of Switzerland in Atlanta  
DeKalb County Recreation, Parks and Cultural Affairs  
DeKalb County School District  
Doctor Pete Productions LLC  
Dr. Joachim Hecker  
Emory University  
Fernbank Museum  
Fernbank Science Center  
First Christian Church of Decatur  
Fulton County Library System  
Fulton County Public Works  
Functional Genomics Center Zurich  
Gentle Spirit Christian Church of Atlanta  
Georgia Audubon  
Georgia Conservation Districts  
Georgia Institute of Technology  
Georgia Mineral Society  
Georgia Public Broadcasting  
Georgia State University

Georgia State University Perimeter College  
Georgia Tech CEISMC Go-STEM  
georgiarocks.us  
German Consulate General in Atlanta  
Groundwork Atlanta  
Hispanic Organization Promoting Education  
Jennifer Swanson Books  
Julia Robinson Mathematics Festival  
Mathematics in Motion, Inc.  
Monarchs Across Georgia  
Museum of Design Atlanta  
Neuroscience Institute  
Oglethorpe University  
The Paideia School  
Project WET  
Rockdale County 4-H Cobb County Government  
Sandy Springs Education Force  
Science for Georgia  
Science Gallery at Emory University  
Science of Fun STEM Camps  
Spelman College  
The Story Collider  
TEGNA  
Trees Atlanta  
University of Georgia Extension  
University of Georgia  
The Village Tutorial and Enrichment Program  
West Atlanta Watershed Alliance  
Whole World Improv Theatre  
Wild Cumberland  
WUNDERgrubs  
Zoo Atlanta





## SATURDAY, 3/12

### Learning from Nature: Biomimicry Design Challenge

Families, Elem. School, Middle School, High School  
9:30 a.m. - 11:30 a.m.  
Indoor  
Museum of Design Atlanta

### Salamander Stroll

Families, High School, Middle School, Elem. School, Preschool, Adults  
10:00 a.m. - 11:30 a.m.  
Outdoor  
Clyde Shepherd Nature Preserve

### Rock 'n Walk

Families, Adults, High School, Middle School, Elem. School  
10:00 a.m. - 12:00 p.m.  
Outdoor  
Stone Mountain Historical and Education Center

### Discovery Walks: Cascade Springs Nature Preserve

Adults, Families, High School, Middle School, Elem. School  
10:00 a.m. - 12:00 p.m.  
Outdoor  
Cascade Springs Nature Preserve

### Discovery Walks: Sweet Auburn

Adults, Families, High School, Middle School, Elem. School  
10:00 a.m. - 12:00 p.m.  
Outdoor  
MLK Library Parking Lot

### CCPLS Family Tech Time Outdoor Experience

Families, Elem. School  
10:00 a.m. - 7:00 p.m. (daily March 12-25)  
Outdoor  
Mountain View Regional Library

### What's Up in the Night Sky?

Families, Middle School, Elem. School  
11:00 a.m. - 12:00 p.m.  
Virtual

### Build-a-Brain

Families, High School, Middle School, Elem. School  
11:00 a.m. - 12:30 p.m.  
Virtual

### Cuisine du Jardin

Families, High School, Middle School, Elem. School  
11:00 a.m. - 1:30 p.m.  
Outdoor  
Check online for venue info

### Playing Mother Nature: Modeling Extreme Earth Phenomena at Your Fingertips

Adults, Families, High School, Middle School, Elem. School  
2:00 p.m. - 4:00 p.m.  
Outdoor  
Phoenix Park II

### MindCraft! The Science of Crafting

Adults, Families, High School  
2:00 p.m. - 4:00 p.m.  
Outdoor  
Georgia Tech Kendeda Building for Innovative Sustainable Design

### Conversations in Creativity

Adults, High School  
3:00 p.m. - 4:30 p.m.  
Indoor  
Check online for venue information

### Guthman Music, Art, and Technology Fair

Families, High School, Middle School  
4:00 p.m. - 7:00 p.m.  
Indoor  
Klaus Advanced Computing Building at Georgia Tech

### Twilight Tots

Families, Preschool  
5:00 p.m. - 6:30 p.m.  
Outdoor  
Zoo Atlanta

### Guthman Musical Instrument Competition

Families, High School, Middle School  
7:00 p.m. - 9:00 p.m.  
Indoor  
Ferst Center for the Arts at Georgia Tech

## SUNDAY, 3/13

### Geocaching Adventure

Families, Adults, Elem. School, Middle School, High School  
7:00 a.m. - 7:00 p.m. (daily March 13-25)  
Outdoor  
Mason Mill Park

### Geocaching 101

Families, Adults, Elem. School, Middle School, High School  
1:00 p.m. - 2:00 p.m.  
Outdoor  
Mason Mill Park

### Discovery Walks: Cascade Springs Nature Preserve

Adults, Families, High School, Middle School, Elem. School  
1:00 p.m. - 3:00 p.m.  
Outdoor  
Cascade Springs Nature Preserve

### Discovery Walks: Sweet Auburn

Adults, Families, High School, Middle School, Elem. School  
1:00 p.m. - 3:00 p.m.  
Outdoor  
MLK Library Parking Lot

### Proctor Creek STEAM Scavenger Hunt & Hike

Adults, Families, High School, Middle School, Elem. School  
1:00 p.m. - 4:00 p.m.  
Outdoor  
Proctor Creek Greenway - South End

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

Families, High School, Middle School, Elem. School, Preschool, Adults  
2:00 p.m. - 3:00 p.m. AND 3:15 p.m. - 4:15 p.m.  
Indoor  
The Amphibian Foundation

### Urban Slug Walk

Families, Adults, High School, Middle School, Elem. School  
3:00 p.m. - 5:00 p.m.  
Outdoor  
Sykes Parks

## MONDAY, 3/14

### #SpeakUpForScience

Adults, High School  
12:00 p.m. - 1:00 p.m.  
Virtual

## TUESDAY, 3/15

### 12th Annual SSEF STEAM Showcase

Families, Elem. School, Middle School, High School  
6:00 p.m. - 8:00 p.m.  
Indoor & Outdoor  
North Springs Charter High School

### Women in STEM: Learning from Monumental Leaders

Middle School, Elem. School  
6:30 p.m. - 7:30 p.m.  
Virtual

## WEDNESDAY, 3/16

### Catch That Carbon!

Adults, Families, Elem. School, Middle School, High School  
1:00 p.m. - 2:00 p.m.  
Outdoor  
Groundwork Atlanta Carbon Farm

### Franken-Frogs

Families, Elem. School  
4:00 p.m. - 4:45 p.m.  
Indoor  
Metropolitan Library

### Science Improv

Adults, High School  
7:30 p.m. - 9:00 p.m.  
Indoor  
Whole World Improv Theatre

## THURSDAY, 3/17

### Botanical Mysteries

Families, Elem. School  
9:00 a.m. - 8:00 p.m. (daily March 17-20)  
Outdoor  
Atlanta Botanical Garden

### Roadside Geology

Families, High School, Middle School, Adults  
1:00 p.m. - 3:30 p.m.  
Outdoor  
North Entry Foyer of Symphony Hall

### Fernbank Forest Wildflower Walk

Families, Adults, High School, Middle School, Elem. School  
2:00 p.m. - 3:30 p.m.  
Outdoor  
Fernbank Museum

**STEMfest: Interactive Science for Families at Oglethorpe University**  
Families, Elem. School, Middle School, High School  
6:00 p.m. - 8:00 p.m.  
Indoor  
Cousins Center of Science and Innovation, Oglethorpe University

### Gwinnett Family Science Night

Families, Preschool, Elem. School  
6:30 p.m. - 8:00 p.m.  
Indoor  
Gwinnett County Government Annex

### Tech Talks: Unique and Diverse Perspectives in Science

Families, High School  
7:30 p.m. - 9:30 p.m.  
Indoor  
Coda Building of Georgia Tech

## FRIDAY, 3/18

### Fun Science Hacks with Dr. Jo Hecker

Families, Elem. School, Middle School  
7:45 a.m. - 8:45 a.m.  
Virtual

### The Wizard of Oz: Puppets + Science = MAGIC!

Families, Elem. School  
10:00 a.m. - 11:30 a.m. AND 12:00 p.m. - 1:30 p.m.  
Indoor  
Center for Puppetry Arts

### Atlanta Environmental Health Hackathon

Families, Elem. School, Middle School, High School  
5:00 p.m. - Sunday, March 20 at 5:00 p.m.  
Virtual

### Cannabis Chronicles

Adults  
7:00 p.m. - 8:30 p.m.  
Indoor  
Georgia Tech Kendeda Building for Innovative Sustainable Design

## SATURDAY, 3/19

### Exploring Atlanta's Birds

Families, Adults, Middle School, High School  
9:00 a.m. - 10:30 a.m.  
Outdoor  
Westside Park

### Latino College & STEM Fair

Families, High School, Middle School, Elem. School  
9:00 a.m. - 12:00 p.m.  
Virtual

### Georgia Pollinator Field Day

Families, High School, Middle School, Elem. School  
9:00 a.m. - 2:00 p.m.  
Outdoor  
College Park City Auditorium Lawn

### Learning from Nature: Biomimicry Design Challenge

Families, Elem. School, Middle School, High School  
9:30 a.m. - 11:30 a.m.  
Indoor  
Museum of Design Atlanta

### Superhero Science Day

Families, Elem. School, Preschool  
9:30 a.m. - 12:30 p.m. AND 1:30 p.m. - 4:30 p.m.  
Indoor  
Children's Museum of Atlanta

### Family Workshop: All About Monarchs

Families  
10:00 a.m. - 11:30 a.m.  
Indoor  
Trees Atlanta Kendeda Center

### Fernbank Forest Wildflower Walk

Families, Elem. School, Middle School, High School, Adults  
10:00 a.m. - 11:30 a.m.  
Outdoor  
Fernbank Museum

### HealthHacks 2022

High School, Middle School  
10:00 a.m. - 12:00 p.m.  
Virtual

### Taking Out the Trash

Families, High School, Middle School, Elem. School, Adults  
10:00 a.m. - 12:00 p.m.  
Outdoor  
Maddox Park

### Bugs & Bytes: Exploring Insect Farming as Food of the Future!

Families, Adults, High School, Middle School  
10:00 a.m. - 12:00 p.m. AND 2:00 p.m. - 4:00 p.m.  
Indoor & Outdoor  
Grub-ah-Dub Shack

### Discovery Walks: Decatur

Adults, Families, High School, Middle School, Elem. School  
10:00 a.m. - 12:00 p.m.  
Outdoor  
Decatur Square Bandstand

### Discovery Walks: Piedmont Park & Beltline

Adults, Families, High School, Middle School, Elem. School  
10:00 a.m. - 12:00 p.m.  
Outdoor  
Ponce City Market Beltline entrance

### ID the Trees!

Adults, Families, Elem. School, Middle School, High School  
10:00 a.m. - 12:30 a.m.  
Outdoor  
Mason Mill Park

### Georgia Tech Science and Engineering Day

Families, High School, Middle School, Elem. School, Adults  
10:00 a.m. - 2:00 p.m.  
Indoor & Outdoor  
Georgia Tech Campus

### ATL Heat Watch Campaign

Families, Adults, High School, Middle School  
10:30 a.m. - 11:30 a.m.  
Virtual

### The Secret Science of Sports

Families, Elem. School  
10:30 a.m. - 11:30 a.m.  
Outdoor  
Westside Park

### Drive-In Demos. Chemistry From Your Car

Preschool, Families, Adults, High School, Middle School, Elem. School  
11:00 a.m. - 11:45 a.m., 12:00 p.m. - 12:45 p.m., AND 1:00 p.m. - 1:45 p.m.  
Outdoor  
First Christian Church of Decatur

### Mesocosm Madness @ Metamorphosis Meadow

Families, Elem. School, Middle School, High School, Adults  
11:00 a.m. - 12:30 p.m.  
Outdoor  
The Amphibian Foundation

### The Wizard of Oz: Puppets + Science = MAGIC!

Families, Elem. School  
11:00 a.m. - 12:30 p.m. AND 1:00 p.m. - 2:30 p.m.  
Indoor  
Center for Puppetry Arts

### Build-a-Brain

Families, High School, Middle School, Elem. School  
11:00 a.m. - 12:30 p.m.  
Virtual

### Science at the Center

Families, Middle School, Elem. School  
11:00 a.m. - 3:00 p.m.  
Outdoor  
Fernbank Science Center

### Splash into Stream Science

Families, Adults, High School, Middle School, Elem. School  
12:00 p.m. - 3:00 p.m.  
Outdoor  
Cascade Springs Nature Preserve

### Carol on Cumberland: A Natural History

Families, Adults, High School  
1:00 p.m. - 2:00 p.m.  
Virtual

### CCPLS Family Tech Time: Build It Blow Out

Families, Elem. School  
1:00 p.m. - 4:00 p.m.  
Indoor  
Mountain View Regional Library

### 11 Alive StormTrackers: The Science Behind Tracking Thunderstorms

Families, Elem. School, Middle School  
2:00 p.m. - 3:30 p.m.  
Indoor  
Emory University Math & Science Center

Continued on next page

# ATLANTA SCIENCE FESTIVAL AT A GLANCE

Events in PINK  
are ALEX'S PICKS

## Ice Cream Science

Adults, Families, Elem. School,  
Middle School, High School  
7:00 p.m. - 8:00 p.m.  
Outdoor  
Decatur Square Bandstand

## SUNDAY, 3/20

### The Wizard of Oz: Puppets + Science = MAGIC!

Families, Elem. School  
1:00 p.m. - 2:30 p.m. AND  
3:00 p.m. - 4:30 p.m.  
Indoor  
Center for Puppetry Arts

### Carol on Cumberland: A Natural History

Families, Elem. School, Middle  
School, High School  
1:00 p.m. - 3:00 p.m.  
Virtual & Outdoor  
Piedmont Park

### Discovery Walks: Decatur

Adults, Families, High School,  
Middle School, Elem. School  
1:00 p.m. - 3:00 p.m.  
Outdoor  
Decatur Square Bandstand

### Discovery Walks: Piedmont Park & Beltline

Adults, Families, High School,  
Middle School, Elem. School  
1:00 p.m. - 3:00 p.m.  
Outdoor  
Ponce City Market entrance to  
Beltline

### Family Science Carnival

Families, Preschool, Elem.  
School, Middle School  
1:00 p.m. - 4:00 p.m.  
Outdoor  
The Paideia School

### Biology of the Despised: Venomous Snakes!

Families, High School, Middle  
School, Elem. School, Adults  
2:00 p.m. - 3:30 p.m.  
Outdoor  
Outdoor Activity Center

### Build-a-Brain

Families, High School, Middle  
School, Elem. School  
2:00 p.m. - 3:30 p.m.  
Virtual

## Mathematics in Motion

Adults, Families, High School  
2:00 p.m. - 3:30 p.m. AND  
5:00 p.m. - 6:30 p.m.  
Indoor  
Drew Charter School

## Roadside Geology

Families, Adults, High School,  
Middle School, Elem. School  
2:00 p.m. - 4:00 p.m.  
Outdoor  
First Presbyterian Church of  
Atlanta Parking Lot

## MONDAY, 3/21

### Franken-Frogs

Families, Elem. School  
4:00 p.m. - 4:45 p.m.  
Indoor  
Alpharetta Library

## TUESDAY, 3/22

### The Chemistry of Blues!

Families, Elem. School, Middle  
School  
11:45 a.m. - 1:00 p.m. AND  
4:15 p.m. - 5:30 p.m.  
Indoor  
GSU Perimeter College,  
Clarkston Campus

### Franken-Frogs

Families, Elem. School  
4:00 p.m. - 4:45 p.m.  
Indoor  
Adams Park Library

### The Astronomy of Star Wars

Families, Adults, High School,  
Middle School, Elem. School  
6:00 p.m. - 7:00 p.m.  
Indoor  
GSU Perimeter College,  
Dunwoody Campus

### R.O.C.K.S. 4-H Event! (Rockdale Offers Creative Kids Science 4-H Program)

Families, Elem. School  
6:00 p.m. - 8:00 p.m.  
Indoor  
Rockdale County Extension  
Office

### Cobb 4-H Messy Family Science Night

Families, Elem. School  
6:30 p.m. - 8:00 p.m.  
Outdoor  
Cobb County Extension  
Office

## Neuroscience is Looking for a Few Good Brains!

Adults, High School  
7:00 p.m. - 8:00 p.m.  
Virtual

## WEDNESDAY, 3/23

### WAWA's O-STEAM FEST

Families, Preschool, Elem.  
School, Middle School, High  
School  
9:00 a.m. - 11:00 a.m.  
Outdoor  
Outdoor Activity Center

### Franken-Frogs

Families, Elem. School  
4:00 p.m. - 4:45 p.m.  
Indoor  
East Atlanta Library

### Mathvenger Hunt!

Families, High School, Middle  
School, Elem. School, Adults  
5:00 p.m. - 8:00 p.m.  
Outdoor  
Agnes Scott College

### DNA Is Elementary!

Families, Middle School,  
Elementary School  
6:30 p.m. - 8:00 p.m.  
Virtual

### Jazz Hands: A Science Comedy Event

Adults  
7:30 p.m. - 9:30 p.m.  
Indoor  
Zoo Atlanta

## THURSDAY, 3/24

### Code the Glow

Families, High School, Middle  
School  
11:00 a.m. - 1:00 p.m.  
Indoor  
GSU Perimeter College,  
Dunwoody Campus

### Franken-Frogs

Families, Elem. School  
4:00 p.m. - 4:45 p.m.  
Indoor  
Northeast Spruill Oaks Library

### Science and Spirituality

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

## Impacts of Global Warming on Monarch Butterfly Populations

High School, Adults  
7:00 p.m. - 8:30 p.m.  
Indoor  
Trees Atlanta Kendeda Center

### The Story Collider

High School, Adults  
7:30 p.m. - 9:00 p.m.  
Check venue information  
online

## FRIDAY, 3/25

### Sound of Light

Families, Elem. School, Middle  
School, High School  
10:00 a.m. - 12:00 p.m.  
Indoor  
GSU Perimeter College,  
Decatur Campus

### Physics Live!

Families, High School,  
Middle School, Elem. School,  
Preschool  
3:30 p.m. - 7:00 p.m.  
Indoor  
Emory University, Math and  
Science Building Atrium

### The Mysterious Unidentified Organism From Space

Elem. School, Middle School  
4:00 p.m. - 6:00 p.m.  
Indoor  
Innovation Center at Curiosity  
Lab

### Opening of HOOKED: When Want Becomes Need

Adults, High School  
6:00 p.m. - 9:00 p.m.  
Indoor  
Pullman Yards, Science  
Gallery Building

### Stars Over Dunwoody

Families, High School, Middle  
School, Elem. School, Adults  
7:00 p.m. - 8:00 p.m.  
Indoor & Outdoor  
GSU Perimeter College,  
Dunwoody Campus

## Exploration Expo

Saturday, March 26  
11:00 a.m. - 4:00 p.m.  
**Piedmont Park**  
This event is rain or shine.



# Moving our world forward by delivering what matters.

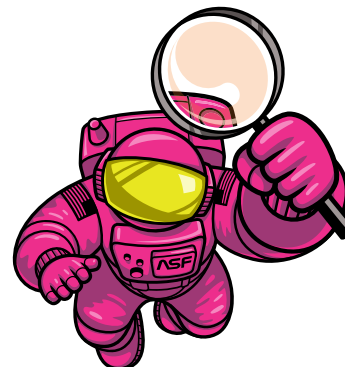
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# Science Matters.

Proud to support  
the Atlanta Science Festival



**LENZ**

A MARKETING AGENCY

[LenzMarketing.com](https://LenzMarketing.com)



# SATURDAY MARCH 12

**9:30 a.m. - 11:30 a.m.**  
Indoor  
Museum of Design Atlanta  
Atlanta  
Fee: \$25 (includes materials and museum admission)

## Learning from Nature: Biomimicry Design Challenge

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

Nature's been solving problems for eons! What can we learn from the natural world and how can we apply it to help humans? Find out how you can make the world a better place by learning from the original designer herself, Mother Nature. Learn from Nature in this family-based hands-on activity! This event repeats on March 19.

*Presented by: Museum of Design Atlanta*

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

## Salamander Stroll

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

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 greatest strongholds for amphibians inside of the perimeter! Everyone and their families are encouraged to attend and bring their cell phones to upload images of what we find to iNaturalist.

*Presented by: The Amphibian Foundation*

**10:00 a.m. - 12:00 p.m.**  
Outdoor  
Stone Mountain Historical and Education Center  
Stone Mountain  
Fee: Free with admission to park

## Rock 'n Walk

**Families, Adults, High School, Middle School, 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, explore rock and mineral specimens, 'track' dinosaurs, and identify fossils like a paleontologist!

*Presented by: GSU Geosciences*

**ALEX'S PICK**  
**10:00 a.m. - 12:00 p.m.**  
Outdoor  
Cascade Springs Nature Preserve  
Atlanta  
Fee: Free with adv registration



## Discovery Walks: Cascade Springs Nature Preserve

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

Science is all around us, often hidden in everyday places - where we live, where we play, and where we walk. On this docent-guided Discovery Walk through Cascade Springs Nature Preserve, you will uncover some of this secret science on a family-friendly 2.5 mile route with ten intriguing

science stops. Join us for this guided walk, or pick up the free Discovery Walk map from our Docent and take off on your own for a science adventure. This event repeats on March 13.

*Presented by: Science ATL*



## Discovery Walks: Sweet Auburn

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

Science is all around us, often hidden in everyday places - where we live, where we play, and where we walk. On this self-guided Discovery Walk through the Sweet Auburn District, you will uncover some of this secret science on a family-friendly 2.5 mile route with ten intriguing

science stops. Pick up a free Discovery Walk map and take your family on an urban science and history adventure. This event repeats on March 13.

*Presented by: Science ATL*

## CCPLS Family Tech Time Outdoor Experience

**Families, Elem. School**

Join us for a self-guided science experience at the Mountain View Regional Library! During daylight hours from March 12-25, move from station to station with Augmented Reality apps as your guide on our outdoor walk and experiment with hands-on physics and engineering. You'll get to explore spatial relations with virtual and hands-on 3D building and experiment with potential and kinetic energy.

If apps aren't your thing, you can also pick up a STEM Take and Make kit with materials that can be used to participate in hands-on learning at home. These kits will be available while supplies last.

*Presented by: Cobb County Public Library*

**ALEX'S PICK**  
**10:00 a.m. - 12:00 p.m.**  
Outdoor  
MLK Library Parking Lot  
Atlanta  
Fee: Free

**10:00 a.m. - 7:00 p.m.**  
(daily March 12-25)  
Outdoor  
Mountain View Regional Library  
Marietta  
Fee: Free

## What's Up in the Night Sky?

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

Explore the universe from home and imagine life as an alien as you investigate the night sky with and create your own alien. Scientists from Georgia State University's Physics and Astronomy Department will lead you through a tour of the universe via an online application and provide instructions for exploring the effects of light pollution and creating an alien life form. All you need are basic materials from home and your imagination.

*Presented by: Georgia State University*

**11:00 a.m. - 12:00 p.m.**  
Virtual  
Fee: Free with adv registration

## Build-a-Brain

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

Our amazing brains evolved here on earth along with other animals' brains. How do brains allow humans to use tools, rats to use smell to navigate, and birds FLY? If you could build the brain of your own imaginary creature, what would it look like? Join Georgia State University neuroscience majors to learn about the evolution of brains, what the different parts of the brain do, and then create your own imaginary creature's brain! Participants will receive Play-Doh by mail to participate in the activity. This event repeats March 19 and 20.

*Presented by: Georgia State University, Neuroscience Institute, Center for Behavioral Neuroscience*

**11:00 a.m. - 12:30 p.m.**  
Virtual  
Fee: \$5

11:00 a.m. - 1:30 p.m.  
Outdoor  
Check online for venue  
information  
Fee: \$5

## Cuisine du Jardin

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

Cuisinons! Let's Cook! Join the Village Tutorial and Enrichment Program as we combine the idea of French food recipes with natural foods that are optimally beneficial for, le coeur, the heart, at the same time! We'll dive into the science of nutrition and healthy eating while drumming up a fun cooking competition! Bring your most creative and delicious recipe for local chefs to taste! All Foodies are welcome! Rendez-vous dans le jardin! See you in the GARDEN!

*Presented by: The Village Tutorial and Enrichment Program*

**ALEX'S PICK**  
2:00 p.m. - 4:00 p.m.  
Outdoor  
Phoenix Park II  
Fee: Free



## Playing Mother Nature: Modeling Extreme Earth Phenomena at Your Fingertips

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

Did you ever wish you could play the role of "Mother Nature" and alter the Earth system? The School of Earth and Atmospheric Sciences at Georgia Tech invites Earth science enthusiasts (young and old) to join us to explode a volcano, create weather and earthquakes, alter the Earth's land and explore rocks and minerals.

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

**ALEX'S PICK**  
2:00 p.m. - 4:00 p.m.  
Outdoor  
Georgia Tech Kendeda Building for Innovative Sustainable Design  
Fee: Free with adv registration



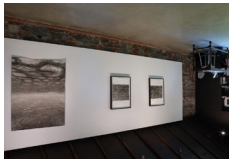
## MindCraft! The Science of Crafting

**Adults, Families, High School**

Ever wonder what goes into making some of your favorite crafts? Haven't picked up your pandemic hobby? Make your own mini-crafts and learn about the science of materials in knitting, origami, flower pressing, pottery, and more. Join the GT STEM Communication and Outreach Group, and bring your family and friends to craft together!

*Presented by: Georgia Tech STEM Communication and Outreach, Georgia Tech Student Organizations*

**ALEX'S PICK**  
3:00 p.m. - 4:30 p.m.  
Indoor  
Check online for venue  
information  
Fee: Free with adv registration



## Conversations in Creativity

**Adults, High School**

Art and science are often unfairly placed at opposite ends of the spectrum. The overlaps between the two abound with art inspiring science, science inspiring art, and above all - creativity guiding both. Join us for a conversation about creativity and how artists

and scientists leverage the intersection of art and science to provoke dialogue and solutions for shared global challenges. We will hear from Atlanta-based artist and architect Amy Landesberg and the Science Gallery, a new arts x science venue in Atlanta.

*Presented by: Science Gallery at Emory University*

## Guthman Music, Art, and Technology Fair

**Families, High School, Middle School**

Get a sneak peek at what goes into the latest in music technology by visiting our music art, and technology fair just before the Georgia Tech Guthman Musical Instrument Competition. See musicians, artists, engineers, and makers showcase their latest work at this hands-on, interactive showcase.

*Presented by: Georgia Tech*

4:00 p.m. - 7:00 p.m.  
Indoor  
Klaus Advanced  
Computing Building at  
Georgia Tech  
Atlanta  
Fee: Free

## Twilight Tots

**Families, Preschool**

Bring your little ones for an evening of science exploration at the Zoo! Designed for families with children ages 0-5, you'll get to enjoy a mini-tour of the Zoo, culminating in a science experiment and dance party! This exciting program will introduce young conservationists to wildlife, inspiring them to learn more about animals and the natural world.

*Presented by: Zoo Atlanta*

5:00 p.m. - 6:30 p.m.  
Outdoor  
Zoo Atlanta  
Atlanta  
Fee: \$24 Non-Zoo member; \$20 Zoo Member



## Guthman Musical Instrument Competition

**Families, High School, Middle School**

A music, engineering, and tech mashup, the Georgia Tech Guthman Musical Instrument Competition is an annual event aimed at identifying the world's next generation of musical

instruments and unveiling the best new ideas in musicality, design, engineering, and impact. Come see what the New York Times described as the "special, otherworldly sound that you can feel permeating your soul" and be inspired!

*Presented by: Georgia Tech*

**ALEX'S PICK**  
7:00 p.m. - 9:00 p.m.  
Indoor  
First Center for the Arts  
at Georgia Tech  
Atlanta  
Fee: \$15 public, \$10 Georgia Tech students, faculty, and staff

# SUNDAY MARCH 13

## Geocaching Adventure

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

Hidden treasure boxes in the woods? Sign me up! Geocaching is a treasure-hunting game in which participants use GPS technology to find containers called "caches" at specific locations marked by coordinates all over the world. Mason Mill Park has more than 10 geocaches and you are invited to explore the park, learn to use latitude & longitude, and find hidden caches containing science facts about the park. This open hunt continues during daylight hours through March 25th.

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

7:00 a.m. - 7:00 p.m. (daily  
March 13-25)  
Outdoor  
Mason Mill Park  
Decatur  
Fee: Free



1:00 p.m. - 2:00 p.m.  
Outdoor  
Mason Mill Park  
Decatur  
Fee: Free with adv  
registration

## Geocaching 101

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

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

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

**ALEX'S PICK**  
1:00 p.m. - 3:00 p.m.  
Outdoor  
Cascade Springs Nature  
Preserve  
Atlanta  
Fee: Free with adv  
registration

## Discovery Walks: Cascade Springs Nature Preserve

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

This event is a repeat. See description on Saturday, March 12.

**ALEX'S PICK**  
1:00 p.m. - 3:00 p.m.  
Outdoor  
MLK Library Parking Lot  
Atlanta  
Fee: Free

## Discovery Walks: Sweet Auburn

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

This event is a repeat. See description on Saturday, March 12.

1:00 p.m. - 4:00 p.m.  
Outdoor  
Proctor Creek Greenway -  
South End  
Atlanta  
Fee: Free with adv  
registration

## Proctor Creek STEAM Scavenger Hunt & Hike

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

Come with us and explore this super cool in-town creek! We'll be taking a 2 mile hike along the Proctor Creek Greenway and spicing our journey up with some science and scavenging! We'll have scavenger hunt clues all along this tour of one of Atlanta's hidden gems.

*Presented by: Groundwork Atlanta*

2:00 p.m. - 3:00 p.m. AND  
3:15 p.m. - 4:15 p.m.  
Indoor  
The Amphibian  
Foundation  
Fee: Free with adv.  
registration

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

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

Atlanta is home to a unique nonprofit dedicated to the conservation and research of amphibians amidst a global population decline. In 2016, the Amphibian Foundation formed to focus on conserving two of Georgia's most imperiled species (Gopher Frog and Flatwoods Salamander). Since then has begun working on other native and globally endangered amphibians. Closed to the public, this is a chance to see the conservation collections and meet Foundation staff working hard to save these vital and sensitive animals from extinction.

*Presented by: The Amphibian Foundation*



## Urban Slug Walk

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

Feeling sluggish? So are we! Come on out on a slug filled adventure where we'll use our eagle eyes to search for these slimy and fascinating creatures, and learn all about them as we hike through Sykes Park! Download the

iNaturalist app beforehand and we'll use that to identify what we find and contribute data to the Atlanta SLIME project!

*Presented by: Georgia State University Geosciences*

**ALEX'S PICK**  
3:00 p.m. - 5:00 p.m.  
Outdoor  
Sykes Parks  
Fee: Free (adv registration  
requested)

# MONDAY MARCH 14

## #SpeakUpForScience

**Adults, High School**

What do we want? Democracy! When do we want it? Now!

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

*Presented by: Science for Georgia*

12:00 p.m. - 1:00 p.m.  
Virtual  
Fee: Free with adv  
registration

# TUESDAY MARCH 15

## 12th Annual SSEF STEAM Showcase

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

Sandy Springs Education Force invites the entire community to their 12th annual, award-winning STEAM Showcase. No matter your age, you will enjoy dozens of interactive, hands-on technology and art demonstrations from STEAM business and educational leaders. Experience cutting-edge 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.  
Indoor & Outdoor  
North Springs Charter  
High School  
Sandy Springs  
Fee: Free

**ALEX'S PICK**  
6:30 p.m. - 7:30 p.m.  
Virtual  
Fee: Free with adv  
registration



## Women in STEM: Learning from Monumental Leaders

Middle School, Elem. School

If statues could speak, what would they say? Find out at this interactive online panel discussion, featuring successful women in various STEM careers from across the U.S. who all share one thing in common – they were featured in the largest display of female statues in the world

through the IfThenSheCan Exhibit. These phenomenal women will be covering topics like the plethora of opportunities in STEM, how to prepare for these types of careers, the importance of the female perspective in STEM, strategies to succeed in environments where you may be “the only one”, and many more – through an interactive virtual game. Don't miss the opportunity to hear from these prominent STEM pioneers!

*Presented by: American Association for the Advancement of Science (AAAS) IF/THEN Initiative, funded by Lyda Hill Philanthropies*

## WEDNESDAY MARCH 16

1:00 p.m. - 2:00 p.m.  
Outdoor  
Groundwork Atlanta  
Carbon Farm  
Atlanta  
Fee: Free with adv  
registration

## Catch That Carbon!

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

Vacant spaces into vibrant places! Groundwork Atlanta takes city spots that you may not have given a second glance to and turns them into spaces that matter. Join us in one of these very spots that we've used for an exploration of urban agriculture. On this interactive tour of our very own Carbon Farm, you'll get to see, hear, smell, touch and taste how we are using the land to trap carbon and grow food!

*Presented by: Groundwork Atlanta*

4:00 p.m. - 4:45 p.m.  
Indoor  
Metropolitan Library  
Atlanta  
Fee: Free with adv  
registration

## Franken-Frogs

Families, Elem. School

They're... ALIVE! Hop to it and discover how electricity powers nature. Make your own folded paper frog, then bring your little amphibian to life using static electricity, the shocking force found in everything from bees to lightning. Come and create your own Franken-Frog in this fun-filled craft activity. This event repeats at varying library locations on March 21-24.

*Presented by: Fulton County Library System*

## Science Improv

Adults, High School

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

*Presented by: Georgia Tech, Whole World Improv Theatre*

7:30 p.m. - 9:00 p.m.  
Indoor  
Whole World Improv  
Theatre  
Atlanta  
Fee: \$10

## THURSDAY MARCH 17

## Botanical Mysteries

Families, Elem. School

Use your super sleuth skills to solve botanical mysteries at the Atlanta Botanical Garden. For this self-led adventure, families pick up a guide in the Visitor Center before embarking on their botanical voyage through the beautiful spring garden. The journey will include 5 stops where families become plant scientists to uncover clues. This open hunt is available at the Garden daily from March 17 - 20.

*Presented by: Atlanta Botanical Garden*

9:00 a.m. - 8:00 p.m. (daily  
March 17-20)  
Outdoor  
Atlanta Botanical Garden  
Atlanta  
Fee: Free with admission



## Roadside Geology

Families, High School, Middle School, Adults

Tag along with two geologist-educators to see the beautiful building stones and folded natural rock layers of Midtown Atlanta, on a tour from Symphony Hall to Rhodes Hall. Dr. Bill Witherspoon,

co-author of *Roadside Geology of Georgia*, teams up with highly sought guest speaker from Georgia Mineral Society (GMS), Bill Waggner, to interpret the stories that rocks tell. A GMS grab bag is included with admission price.

*Presented by: Georgia Mineral Society, georgiarocks.us*

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

## Fernbank Forest Wildflower Walk

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

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

*Presented by: Fernbank Museum*

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



6:00 p.m. - 8:00 p.m.  
Indoor  
Cousins Center of  
Science and Innovation,  
Oglethorpe University  
Brookhaven  
Fee: Free with adv  
registration

## STEMfest: Interactive Science for Families at Oglethorpe University

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

Ready to get your science on in Brookhaven? Come on over to Oglethorpe University to join university students and science faculty geeking out and interacting with cool STEM activities!

*Presented by: Oglethorpe University*

6:30 p.m. - 8:00 p.m.  
Indoor  
Gwinnett County  
Government Annex  
Lawrenceville  
Fee: \$5/child (parents  
free)

## Gwinnett Family Science Night

**Families, Preschool, Elem. School**

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

*Presented by: UGA Extension - Gwinnett County*

7:30 p.m. - 9:30 p.m.  
Indoor  
Coda Building of Georgia  
Tech  
Atlanta  
Fee: Free

## Tech Talks: Unique and Diverse Perspectives in Science

**Families, High School**

Hear inspiring stories from Georgia Tech's diverse research community. Students and faculty will bring their perspectives about their science journey, share what they hope to do to improve their fields, and how that will impact lives. After each talk, you'll have the chance to ask questions and talk directly to each researcher.

*Presented by: Georgia Tech, Georgia Tech Student Organizations*

## The Wizard of Oz: Puppets + Science = MAGIC!

**Families, Elem. School**

Join the Center for Puppetry Arts and Frisch Marionettes as they introduce you to The Wizard of Oz! Your amazing Atlanta Science Festival experience will include a puppet show, a Create-A-Puppet Workshop™, Museum exhibits with specialized learning stations, and much more! Have a blast learning about the weather, simple machines, and the STEAM of puppetry. For a 25% off discount for these special ASF shows, use code "ASF" when purchasing your tickets. This event repeats twice daily March 18-20.

*Presented by: Center for Puppetry Arts*

10:00 a.m. - 11:30 a.m.  
AND 12:00 p.m. - 1:30  
p.m.  
Indoor  
Center for Puppetry Arts  
Atlanta  
Fee: \$16.50 (includes ASF  
discount)

## Atlanta Environmental Health Hackathon

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

How can YOU solve the environmental health problems in Atlanta? Air quality and lead exposure are both issues causing health problems in the city. With your ideas for innovative public policy or product solutions, we can start addressing these problems. On Friday evening, attend the virtual kick-off info session to be briefed on the issues by experienced Emory students. Attend virtual office hours with Emory students throughout the weekend to talk through questions. And finally, join our virtual showcase on Sunday evening to present your solution. You could win money and one-on-one time with Emory students and professors to talk about your proposed solution! Participate in the Atlanta Environmental Health Hackathon to solve critical issues in the Atlanta community!

*Presented by: Emory University, Saikawa Lab*

5:00 p.m. - Sunday, March  
20 at 5:00 p.m.  
Virtual  
Fee: Free with adv  
registration

## Cannabis Chronicles

**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.

*Presenting Partner: Doctor Pete Productions LLC*

7:00 p.m. - 8:30 p.m.  
Indoor  
Georgia Tech Kendeda  
Building for Innovative  
Sustainable Design  
Atlanta  
Fee: Free

# FRIDAY MARCH 18

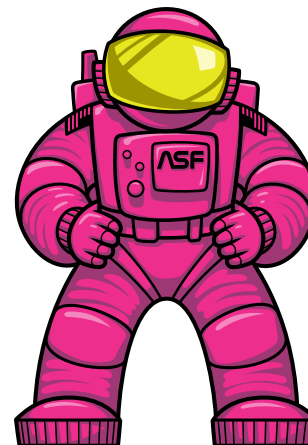
7:45 a.m. - 8:45 a.m.  
Virtual  
Fee: Free with adv  
registration

## Fun Science Hacks with Dr. Jo Hecker

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

What is the 'magic' behind the fabulous "Ames room"? How do pickles get tickled by high voltage? What can you see with infrared eyes? What happens to styrofoam frogs in a pressure cooker? Do plastic cups have a memory? How can you inflate a knotted balloon? Why don't suction cups work on the moon? So many questions - and a show full of answers! As Science Entertainer Jo Hecker puts it: "I don't like science. I love science!"

*Presented by: German Consulate General in Atlanta; Dr. Joachim Hecker*



# SATURDAY MARCH 19

9:00 a.m. - 10:30 a.m.  
Outdoor  
Westside Park  
Atlanta  
Fee: Free with adv  
registration

## Exploring Atlanta's Birds

Families, Adults, Middle School, High School

Join Georgia Audubon to explore the diversity of birds that call Atlanta home! Led by an ornithologist (a biologist who studies birds), we will explore the new Westside Park--Atlanta's newest and largest park that is home to over 100 species of birds! Come learn about the birds who live in Atlanta year-round, those passing through on their spring migratory journeys, and how you can learn to identify and protect birds in your everyday life.

*Presented by: Georgia Audubon*

9:00 a.m. - 12:00 p.m.  
Virtual  
Fee: Free with adv  
registration

## Latino College & STEM Fair

Families, High School, Middle School, Elem. School

We invite you to our 10th Annual Latino College and STEM Fair! Join us online for bilingual workshops, and inspirational conversations with Latino college students, parents, professors, and other STEM professionals. Various prizes and raffles for attendees. Hands-on STEM workshops will be available for schools and community organizations. This will be a free, fun, educational and exciting event organized by Georgia Tech's GoSTEM program in partnership with HoPe (Hispanic Organization Promoting Education). You don't want to miss it!

*Presented by: Georgia Tech CEISMIC Go-STEM, HoPe*

9:00 a.m. - 2:00 p.m.  
Outdoor  
College Park City  
Auditorium Lawn  
College Park  
Fee: Free with adv  
registration

## Georgia Pollinator Field Day

Families, High School, Middle School, Elem. School

Pollinators are responsible for assisting over 80% of the world's flowering plants. Pollinators ensure full harvests and seed production for agricultural products, and provide for healthy plants in our own backyards, community gardens and other urban areas. Join us for a day of interactive demonstrations and hands-on activities as we learn about Georgia's primary pollinators including bees, wasps, birds, butterflies, moths, slugs, snails and more!

*Presented by: Georgia Public Broadcasting, UGA Extension, Georgia Conservation Districts, City of College Park, Monarchs Across Georgia*

9:30 a.m. - 11:30 a.m.  
Indoor  
Museum of Design Atlanta  
Atlanta  
Fee: \$25 (includes  
materials and museum  
admission)

## Learning from Nature: Biomimicry Design Challenge

Families, Elem. School, Middle School, High School

This event is a repeat. See description on Saturday, March 12.

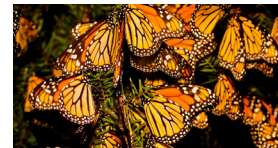
*Presented by: Museum of Design Atlanta*

## Superhero Science Day

Families, Elem. School, Preschool

Science gives us all superpowers! Dress up as your favorite superhero and come to Children's Museum of Atlanta to learn how to save the world with the power of science, technology, engineering, and mathematics! Each session will have stations set up all around the Museum perfect for the littles of superheroes to learn about science.

*Presented by: The Children's Museum of Atlanta*



## Family Workshop: All About Monarchs

Families

Monarch populations are declining and they need us to help. We will discover the incredible life cycle of the monarch butterfly including the

annual journey they make to Mexico. Learn what plants are helpful to have in your neighborhood as well as become part of the community science initiative to track their populations.

*Presented by: Trees Atlanta, University of Georgia Odum School of Ecology*

## Fernbank Forest Wildflower Walk

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

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

*Presented by: Fernbank Museum*

## HealthHacks 2022

High School, Middle School

Join Citizen Science HD Emory for the Health Hackathon 2022 to learn about coding and healthcare issues in the U.S. All workshops are taught by our amazing Emory Undergraduate Students. All girls in 6-10th grade are welcome to sign up.

*Presented by: Emory University, Citizen Science HD*



## Taking Out the Trash

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

Explore the efforts underway in the Proctor Creek watershed to reduce the volume of trash entering the creek and help partners develop solutions to this problem. This interactive workshop will include a brief tour of a trash trap on the creek, an

overview of the trash tracking data process, and hands-on activities for you to explore and share your solutions to reduce trash across the community and keep it out of the creek.

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

9:30 a.m. - 12:30 p.m.  
AND 1:30 p.m. - 4:30 p.m.  
Indoor  
Children's Museum of  
Atlanta  
Atlanta  
Fee: Free with admission

ALEX'S PICK  
10:00 a.m. - 11:30 a.m.  
Indoor  
Trees Atlanta Kendeda  
Center  
Atlanta  
Fee: Free with adv  
registration

10:00 a.m. - 11:30 a.m.  
Outdoor  
Fernbank Museum  
Atlanta  
Fee: Free with admission

10:00 a.m. - 12:00 p.m.  
Virtual  
Fee: Free with adv  
registration

ALEX'S PICK  
10:00 a.m. - 12:00 p.m.  
Outdoor  
Maddox Park  
Atlanta  
Fee: Free with adv  
registration



10:00 a.m. - 12:00 p.m.  
AND 2:00 p.m. - 4:00 p.m.  
Indoor & Outdoor  
Grub-ah-Dub Shack  
Atlanta  
Fee: \$10

## Bugs & Bytes: Exploring Insect Farming as Food of the Future!

Families, Adults, High School, Middle School

We'll take a walk through our insect farm to learn more about the habitat of the Darkling Beetle, explore the different stages of its lifecycle, and learn more about what it eats. You'll have an opportunity to touch and feel the insects, plus taste sweet treats made with grub powder...YUM!

Bug Swag Bags will be available filled with engaging science activities about bugs to keep the fun going at home!

Join us for our virtual scavenger hunt from March 13th through the 18th, where you will get daily tips leading up to the 19th! Feel free to bring your completed Scavenger Hunt cards for extra prizes.

Presented by: WUNDERgrubs

ALEX'S PICK  
10:00 a.m. - 12:00 p.m.  
Outdoor  
Decatur Square Bandstand  
Decatur  
Fee: Free



## Discovery Walks: Decatur

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

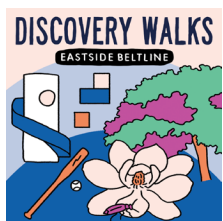
Science is all around us, often hidden in everyday places - where we live, where we play, and where we walk. On this docent-guided Discovery Walk through downtown Decatur, you will uncover some of this secret science on a family-friendly 3.5 mile route with ten intriguing science stops.

Join us for this guided walk, or pick up the

free Discovery Walk map from our Docent and take off on your own for an urban science adventure. This event repeats March 20.

Presented by: Science ATL

ALEX'S PICK  
10:00 a.m. - 12:00 p.m.  
Outdoor  
Ponce City Market Beltline entrance  
Atlanta  
Fee: Free



## Discovery Walks: Piedmont Park & Beltline

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

Science is all around us, often hidden in everyday places - where we live, where we play, and where we walk. On this self-guided Discovery Walk down the Beltline and into Piedmont Park, you will uncover some of this secret science on a family-friendly 4 mile

route with ten intriguing science stops. Pick up a free Discovery Walk map and take your family on a science adventure through this city trail. This event repeats March 20.

Presented by: Science ATL



## ID the Trees!

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

If Atlanta is really "The City in the Forest" shouldn't we know what kind of trees surround us? Join DeKalb County's Ranger Jonah for a walk all about trees. 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 Recreation, Parks, and Cultural Affairs



## Georgia Tech Science and Engineering Day

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

Georgia Tech is opening its doors for the Atlanta Science Festival! Whether you're interested in robotics, brains, biology, space, art, nanotechnology, paper, computer science, wearables,

bioengineering, chemical engineering, or systems engineering, there will be activities for you. Visit campus for lab tours, hands-on STEAM activities, exhibits, demonstrations, opportunities to meet student researchers, and learn about the research and so much more happening at Tech.

Presented by: Georgia Tech

ALEX'S PICK  
10:00 a.m. - 12:30 p.m.  
Outdoor  
Mason Mill Park  
Decatur  
Fee: Free with adv registration

ALEX'S PICK  
10:00 a.m. - 2:00 p.m.  
Indoor & Outdoor  
Georgia Tech Campus  
Atlanta  
Fee: Free with adv registration

## ATL Heat Watch Campaign

Families, Adults, High School, Middle School

Atlanta ranks among the most heat-vulnerable cities in the country. The combination of rapid warming and a high prevalence of poverty amongst urban residents greatly elevates the risk of heat illness and mortality during heatwave events. People of color in Atlanta are confronting a greater risk of heat vulnerability than perhaps any other group in the United States.

To better understand the heat in ATL, 60 volunteers conducted a field campaign to map heat over ATL on September 4, 2021. We will present our campaign, results, sensors, during a panel discussion about the urban heat island effects and their relationship to climate change and environmental justice.

Presented by: Spelman College

10:30 a.m. - 11:30 a.m.  
Virtual  
Fee: Free with adv registration

## The Secret Science of Sports

Families, Elem. School

Join award-winning children's author Jennifer Swanson for some interactive fun with STEM and Sports! Learn the about the forces that help you engineer the perfect throw, kick, or catch. And dive into the neuroscience and technology that helps us to perform better at our favorite sports.

Presented by: Jennifer Swanson Books

10:30 a.m. - 11:30 a.m.  
Outdoor  
Westside Park  
Fee: Free with adv registration

**ALEX'S PICK**

11:00 a.m. - 11:45 a.m.,  
12:00 p.m. - 12:45 p.m.,  
AND 1:00 p.m. - 1:45 p.m.  
Outdoor  
First Christian Church of  
Decatur  
Decatur  
Fee: \$5 per car



## Drive-In Demos. Chemistry From Your Car

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

Emory chemists present a live action chemistry demo show that you can drive up to! Learn about the chemistry of the world around us from the comfort of your car just like an old

drive-in movie theater. In our show, we'll explain the world around us from the smallest atom to the biggest explosion. Come see fire, ice, bubbles, and a cloud!

*Presented by: Emory University, Emory Chemistry Department*

11:00 a.m. - 12:30 p.m.  
Outdoor  
The Amphibian  
Foundation  
Atlanta  
Fee: Free

## Mesocosm Madness @ Metamorphosis Meadow

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

The Amphibian Foundation, located right here in Atlanta, focuses on protecting some of the most endangered amphibians in the Southeast. There are several research labs at the Foundation, but perhaps the most interesting is the outdoor Amphibian Research & Conservation Center (ARCC) nicknamed 'Metamorphosis Meadow' which houses 33 mesocosms (experimental miniature wetland ecosystems) containing breeding groups of imperiled frogs and salamanders. Join the AF Research Team as they give a tour of the mesocosms, show off some amphibians, and talk conservation.

*Presented by: The Amphibian Foundation*

11:00 a.m. - 12:30 p.m.  
AND 1:00 p.m. - 2:30 p.m.  
Indoor  
Center for Puppetry Arts  
Atlanta  
Fee: \$16.50 (includes ASF discount)

## The Wizard of Oz: Puppets + Science = MAGIC!

Families, Elem. School

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

*Presented by: The Center for Puppetry Arts*

11:00 a.m. - 12:30 p.m.  
Virtual  
Fee: \$5

## Build-a-Brain

Families, High School, Middle School, Elem. School

This event is a repeat. See description on Saturday, March 12.

*Presented by: Georgia State University, Neuroscience Institute, Center for Behavioral Neuroscience*

**ALEX'S PICK**

11:00 a.m. - 3:00 p.m.  
Outdoor  
Fernbank Science Center  
Atlanta  
Fee: Free



## Science at the Center

Families, Middle School, Elem. School

Bring the whole family outside to 'Science at the Center' for FREE hands-on activities, dramatic demonstrations, and scintillating science! Encounter live snakes, discover fantastic fossils, hone your binocular vision, have a 'heart-touching' moment, enjoy the allure of astronomy, decode DNA, go viral

(in a good way), and be enlightened by the birds, bugs, and botany of your backyard...all at one fantastic place, Fernbank Science Center.

*Presented by: Fernbank Science Center, DeKalb County School District, American Reptile Association, University of Georgia School of Scientific Illustration*

## Splash into Stream Science

Families, Adults, High School, Middle School, 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*

12:00 p.m. - 3:00 p.m.  
Outdoor  
Cascade Springs Nature  
Preserve  
Atlanta  
Fee: Free (adv registration requested)

## Carol on Cumberland: A Natural History

Families, Adults, High School

Hear directly from scientist and author Carol Ruckdeschel about the historical challenges Cumberland Island and its Wilderness has faced, its current challenges, and the public's role in protecting it.

*Presented by: Wild Cumberland*

1:00 p.m. - 2:00 p.m.  
Virtual  
Fee: Free with adv registration

## CCPLS Family Tech Time: Build It Blow Out

Families, Elem. School

Inspired by the Malawian inventor, engineer, and author William Kamkwamba (otherwise known as the "Boy Who Harnessed the Wind"), our event will put you to work with Legos, littleBits, and other materials to design structures able to transform power derived from the sun, wind and water into usable energy. Join in for this hands-on fun!

*Presented by: Cobb County Public Library*

1:00 p.m. - 4:00 p.m.  
Indoor  
Mountain View Regional  
Library  
Marietta  
Fee: Free with adv registration



## 11 Alive StormTrackers: The Science Behind Tracking Thunderstorms

Families, Elem. School, Middle School

Join the 11 Alive Stormtrackers as we explore the science behind storms and stormtracking! This interactive presentation appropriate for the whole family explores thunderstorm life cycle and forecasting, how radar allows us to see a slice of a thunderstorm, and features the 11 Alive ThunderTruck storm chasing car!

*Presented by: 11 Alive, TEGNA, Emory University*

**ALEX'S PICK**  
2:00 p.m. - 3:30 p.m.  
Indoor  
Emory University Math &  
Science Center  
Atlanta  
Fee: \$5

## Ice Cream Science

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

We all scream for ice cream! But have you ever really thought about what it is? A liquid? A solid? A glass? Ice cream has more in common with toothpaste, froth, and glass than you might expect.

Join physicists Daniel Sussman and Michael Czajkowski for an exploration of the physics of disordered solids, and answers to the questions you never knew to ask about ice cream. We promise the only brain freeze will come from the ice cream, not from the science!

*Presented by: Science for Georgia*

7:00 p.m. - 8:00 p.m.  
Outdoor  
Decatur Square Bandstand  
Decatur  
Fee: \$5



# SUNDAY MARCH 20

1:00 p.m. - 2:30 p.m. AND  
3:00 p.m. - 4:30 p.m.  
Indoor  
Center for Puppetry Arts  
Atlanta  
Fee: \$16.50 (includes ASF  
discount)

## The Wizard of Oz: Puppets + Science = MAGIC!

**Families, Elem. School**

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

*Presented by: The Center for Puppetry Arts*

1:00 p.m. - 3:00 p.m.  
Virtual & Outdoor  
Piedmont Park  
Atlanta  
Fee: Free with adv  
registration

## Carol on Cumberland: A Natural History

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

This event is a repeat. See description on Saturday, March 19.

*Presented by: Wild Cumberland*

**ALEX'S PICK**  
1:00 p.m. - 3:00 p.m.  
Outdoor  
Decatur Square Bandstand  
Decatur  
Fee: Free

## Discovery Walks: Decatur

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

This event is a repeat. See description on Saturday, March 19.

*Presented by: Science ATL*

**ALEX'S PICK**  
1:00 p.m. - 3:00 p.m.  
Outdoor  
Ponce City Market  
entrance to Beltline  
Atlanta  
Fee: Free

## Discovery Walks: Piedmont Park & Beltline

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

This event is a repeat. See description on Saturday, March 19.

*Presented by: Science ATL*

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

## Family Science Carnival

**Families, Preschool, Elem. School, 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*

**ALEX'S PICK**  
2:00 p.m. - 3:30 p.m.  
Outdoor  
Outdoor Activity Center  
Atlanta  
Fee: \$5



## Biology of the Despised: Venomous Snakes!

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

The Amphibian Foundation seeks to elevate awareness of the global amphibian declines. Here in Atlanta, AF also works to address some of the urban pressures impacting reptiles as well. There

is perhaps no group more misunderstood and despised than venomous snakes, and AF has been working with the community since the beginning to help people discern facts from fiction, and even teaches a training course on how to handle venomous reptiles safely. Come explore these awe inspiring animals, and let's see how much of that fear is actually fascination.

*Presented by: The Amphibian Foundation, West Atlanta Watershed Alliance*

## Build-a-Brain

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

This event is a repeat. See description on Saturday, March 12.

*Presented by: Georgia State University, Neuroscience Institute, Center for Behavioral Neuroscience*



## Mathematics in Motion

**Adults, Families, High School**

Explore the wonder of mathematics through the performing arts! How do dancers and circus performers understand math and communicate its beauty with their unique talents? At Mathematics in Motion, original performances by some of Atlanta's

most creative artists will open your eyes to new ways of seeing mathematics.

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

## Roadside Geology

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

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

*Presented by: Georgia Mineral Society, georgiarocks.us*

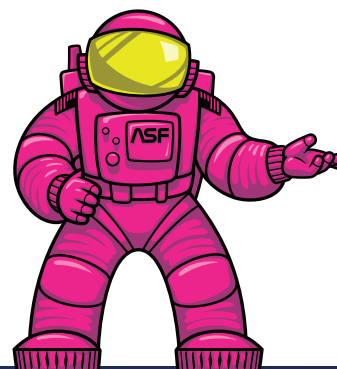
# MONDAY MARCH 21

## Franken-Frogs

**Families, Elem. School**

This event is a repeat, but with a different location. See description on Wednesday, March 16.

*Presented by: Fulton County Library System*



2:00 p.m. - 3:30 p.m.  
Virtual  
Fee: \$5

2:00 p.m. - 3:30 p.m. AND  
5:00 p.m. - 6:30 p.m.  
Indoor  
Drew Charter School  
Atlanta  
Fee: Donation of \$5/child,  
\$10/adult. Families of  
Drew Charter are free.

**ALEX'S PICK**  
2:00 p.m. - 4:00 p.m.  
Outdoor  
First Presbyterian Church  
of Atlanta Parking Lot  
Atlanta  
Fee: \$5

4:00 p.m. - 4:45 p.m.  
Indoor  
Alpharetta Library  
Alpharetta  
Fee: Free with adv  
registration

# TUESDAY MARCH 22

11:45 a.m. - 1:00 p.m.  
AND 4:15 p.m. - 5:30 p.m.  
Indoor  
GSU Perimeter College,  
Clarkston Campus  
Clarkston  
Fee: Free with adv  
registration

## The Chemistry of Blues!

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

COVID has made a lot of us feel blue, but at this event, feeling blue is a good thing! We're diving into the chemistry of blue!! Join us to experiment with chemical reactions that turn blue! As a bonus, many of the reactions will include common household products, so you will be able to repeat them at home!

*Presented by: Georgia State University Perimeter College*

4:00 p.m. - 4:45 p.m.  
Indoor  
Adams Park Library  
Atlanta  
Fee: Free with adv  
registration

## Franken-Frogs

**Families, Elem. School**

This event is a repeat, but with a different location. See description on Wednesday, March 16.

*Presented by: Fulton County Library System*

6:00 p.m. - 7:00 p.m.  
Indoor  
GSU Perimeter College,  
Dunwoody Campus  
Dunwoody  
Fee: Free with adv  
registration

## The Astronomy of Star Wars

**Families, 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 Professor Jay Dunn leads a discussion on the worlds and aliens of the Star Wars films and compares them with the planets and life in our solar system as well as extra-solar planets. Along the way, we'll enjoy video clips inspired by Star Wars and other sci-fi favorites. Young Jedi and Padawan alike are encouraged to attend in their favorite sci-fi attire.

*Presented by: Georgia State University Perimeter College*

6:00 p.m. - 8:00 p.m.  
Indoor  
Rockdale County  
Extension Office  
Conyers  
Fee: \$5/child (parents  
free)

## R.O.C.K.S. 4-H Event! (Rockdale Offers Creative Kids Science 4-H Program)

**Families, Elem. School**

Join the Rockdale County 4-H leaders for the R.O.C.K.S program as we explore creative and messy science together! You will have a chance to move from booth to booth exploring different areas of science while being creative and maybe getting a little messy. Who doesn't love getting messy? Drop by and see what we have to offer! Open to the whole family!

*Presented by: Rockdale County 4-H*

6:30 p.m. - 8:00 p.m.  
Outdoor  
Cobb County Extension  
Office  
Marietta  
Fee: Free

## Cobb 4-H Messy Family Science Night

**Families, Elem. School**

Do you love science, fun, and getting messy?! Join Cobb 4-H for our Messy Family Science Night! Learn science concepts, get your hands dirty, and spend time with your family while conducting engaging science experiments.

*Presented by: University of Georgia Extension; Cobb County Government*

## Neuroscience is Looking for a Few Good Brains!

**Adults, High School**

Neuroscience is looking for a few good brains! Join a virtual tour of the Center for Advanced Brain Imaging (CABI) to learn how brain scanning works and how you can volunteer. The tour shows off the equipment that researchers use to explore the health and development of the brain using magnetic resonance imaging (MRI) and other techniques. Members of the public from all age groups can volunteer to participate in critical studies at CABI that help us understand how the brain changes over the lifespan and how to resolve concerns about reading, anxiety, traumatic brain injury, tumors, and more. Join us for a virtual tour and live Q/A panel discussion afterward to field all your burning questions about brain imaging.

*Presented by: Georgia State University, Georgia Institute of Technology, Center for Translational Research in Neuroimaging and Data Science*

7:00 p.m. - 8:00 p.m.  
Virtual  
Fee: Free with adv  
registration

# WEDNESDAY MARCH 23

## WAWA's O-STEAM FEST

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

Come explore science amongst familiar, yet new terrains. Join the West Atlanta Watershed Alliance and some of our partners for our outdoor and trail-tastic fair - passport style. Hike, explore, make forts, explore old and new habitats, enjoy nature, and visit table science activities to get your passport stamped. Take a hike at our 26-acre urban nature preserve and Bush Mountain, learn about forest biodiversity, plant/animal/insect identification, soil, art and crafts, and music of the outdoors.

*Presented by: West Atlanta Watershed Alliance*

9:00 a.m. - 11:00 a.m.  
Outdoor  
Outdoor Activity Center  
Atlanta  
Fee: Free with adv.  
registration

## Franken-Frogs

**Families, Elem. School**

This event is a repeat, but with a different location. See description on Wednesday, March 16.

*Presented by: Fulton County Library System*

4:00 p.m. - 4:45 p.m.  
Indoor  
East Atlanta Library  
Alpharetta  
Fee: Free with adv  
registration



## Mathvenger Hunt!

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

Do you like doing scavenger hunts but wish they were nerdier? Do you enjoy solving fun math problems but also want a lot of pointless walking around between questions? Did you enjoy last year's Mathvenger Hunt and are

eager to try a brand new set of math puzzles?

If so, join us for our second Mathvenger Hunt, the second incarnation of the oldest Mathvenger Hunt in the history of the Western Hemisphere.

Drop in any time between 5-8pm. The hunt should take approximately 90 minutes to complete.

*Presented by: Agnes Scott College*

**ALEX'S PICK**  
5:00 p.m. - 8:00 p.m.  
Outdoor  
Agnes Scott College  
Decatur  
Fee: Free



6:30 p.m. - 8:00 p.m.  
Virtual  
Fee: Free with advance  
registration

## DNA Is Elementary!

**Families, Middle School, Elementary School**

Join the Bio-Bus and learn how to speak the language of DNA! We will provide a DIY kit and you can tune in to do some activities with us, learn the basics of DNA, and meet some cool resident scientists!

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

7:30 p.m. - 9:30 p.m.  
Indoor  
Zoo Atlanta  
Atlanta  
Fee: \$20 normal  
humans / \$10 students

## Jazz Hands: A Science Comedy Event

**Adults**

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

*Presented by: Science for Georgia*

# THURSDAY MARCH 24

11:00 a.m. - 1:00 p.m.  
Indoor  
GSU Perimeter College,  
Dunwoody Campus  
Dunwoody  
Fee: \$15

## Code the Glow

**Families, High School, Middle 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. Arduino is a powerful, yet accessible, programmable microcontroller board that can be used for many automated projects. GSU Professor of Physics, Mathes Dayananda, will teach you how to use Arduino to program an LED light strip. You can then take your Arduino home to start programming your lights in your house!

*Presented by: Georgia State University Perimeter College*

4:00 p.m. - 4:45 p.m.  
Indoor  
Northeast Spruill Oaks  
Library  
Atlanta  
Fee: Free with adv  
registration

## Franken-Frogs

**Families, Elem. School**

This event is a repeat, but with a different location. See description on Wednesday, March 16.

*Presented by: Fulton County Library System*

## Science and Spirituality

**Adults**

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

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

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

## Impacts of Global Warming on Monarch Butterfly Populations

**High School, Adults**

The climate is changing rapidly and that is impacting wildlife just as much as it's impacting people. Come learn about the research being done by Isabella Ragonese, PhD candidate at Odum School of Ecology at UGA, that is tracking the role of climate change on declining monarch butterfly populations as it relates to parasite infection rates. Find out how you can get engaged in community science as a way of aiding in monarch butterfly conservation.

*Presented by: Trees Atlanta, University of Georgia Odum School of Ecology*



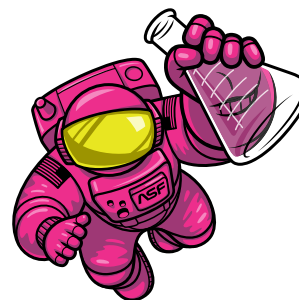
## The Story Collider

**High School, 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, Science Gallery at Emory University*



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

7:00 p.m. - 8:30 p.m.  
Indoor  
Trees Atlanta Kendeda  
Center  
Atlanta  
Fee: Free

**ALEX'S PICK**  
7:30 p.m. - 9:00 p.m.  
Check venue  
information online  
Atlanta  
Fee: \$15

# FRIDAY MARCH 25

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

## Sound of Light

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

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 then make one to take home.

*Presented by: Georgia State University Perimeter College*

3:30 p.m. - 7:00 p.m.  
Indoor  
Emory University, Math and Science Building Atrium  
Atlanta  
Fee: Free

## Physics Live!

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

Ever play with giant soap bubbles, ride a hovercraft, or taste liquid nitrogen ice cream? How about a 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 (K-12 encouraged), planetarium shows (limited seating, tickets available upon arrival), and Laboratory tours (research in action!).

*Presented by: Emory University Department of Physics*

4:00 p.m. - 6:00 p.m.  
Indoor  
Innovation Center at Curiosity Lab  
Peachtree Corners  
Fee: Free with adv registration

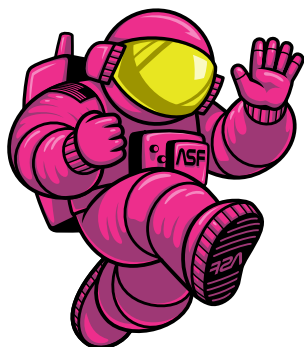
## The Mysterious Unidentified Organism From Space

**Elem. School, Middle School**

Astronauts stationed at the Imaginary International Space Station (IISS) found a mysterious living organism while performing a spacewalk. Help us find out if the organism is coming from earth or if it's extraterrestrial by using the latest analytical technologies.

In this workshop, we will start investigating the organism by eye and zoom in to the level of individual cells and even to the molecular level. As the scientist in charge, you will extract and investigate the DNA from the unidentified organism that was found in the space station.

*Presented by: Consulate General of Switzerland in Atlanta, Functional Genomics Center Zurich*



## Opening of HOOKED: When Want Becomes Need

**Adults, High School**

Join us at the opening for Science Gallery's inaugural exhibition, HOOKED: When Want Becomes Need. HOOKED examines what we know and what we think we know about

addiction and recovery through the intersection and interplay of the arts and scientific research. Visitors will be guided through the experience by mediators and interact with artworks ranging from film and media to visual and sculptural installations.

*Presented by: Science Gallery at Emory University*

6:00 p.m. - 9:00 p.m.  
Indoor  
Pullman Yards, Science Gallery Building  
Atlanta  
Fee: Free with adv registration

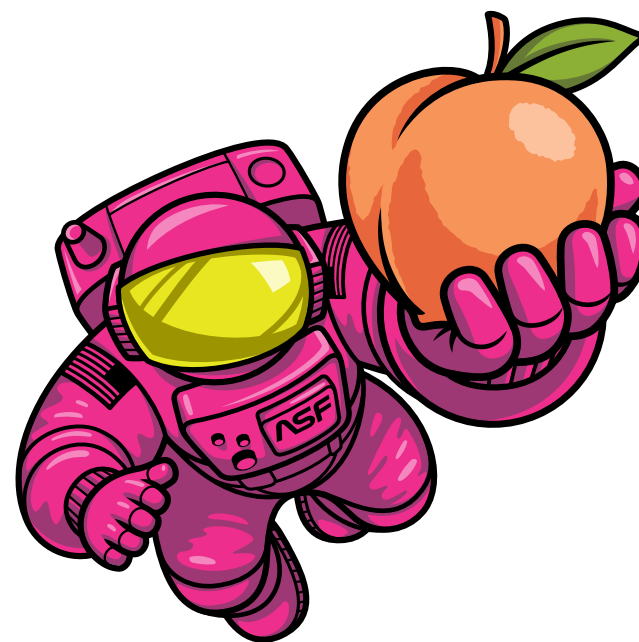
## Stars Over Dunwoody

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

Live in Atlanta and enjoy stargazing, but the night sky is too bright to see the stars? Don't want to drive 2 hours to see deep sky objects? We would be happy to have you visit the Dunwoody Campus with Dr. Jay Dunn, where he regularly observes objects in the night sky ranging from planets to faint nebulae and galaxies with our 14-inch Celestron Telescope. Also, feel free to bring astronomical questions to ask Dr. Dunn, who specializes in Active Galactic Nuclei (actively accreting black holes).

*Presented by: Georgia State University Perimeter College*

7:00 p.m. - 8:00 p.m.  
Indoor & Outdoor  
GSU Perimeter College, Dunwoody Campus  
Dunwoody  
Fee: Free with adv registration





Join us for Atlanta's biggest interactive science celebration.

# EXPLORATION EXPO



**Saturday, March 26 • 11:00 a.m. – 4:00 p.m.**  
**Piedmont Park\***

Join us for Atlanta's biggest interactive science celebration.

Touch a human brain! Build a racing robot! Find out more about the fire in fire ants! Detect cosmic rays! Meet predators, parasites, and pollinators! Join our Non-Newtonian Dance Party! Ask your elected officials to #speakup4science! Weave your way through a maze of reptiles! With dozens of 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.

Admission to this family-friendly event is **free**.  
Please check online for the latest guidance on COVID precautions.

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



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





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