

MICHIGAN STATE UNIVERSITY

SCIENCE FESTIVAL

EXPO DAY

Saturday, April 6 | 10 am - 4 pm

ALL EVENTS FREE

APRIL 5-20, 2019



sciencefestival.msu.edu





Lansing State Journal Expo Zone

PLANETARIUM

1. ITEC TechTronics Bus
2. STEM for All
3. Physics and Astronomy Experiments with WAMPS
4. Unraveling the Universe
5. Michigan Meteorites and Beyond
6. What's Up in the Night Sky

Star talks will last around 10 minutes, and will run every 20 minutes on expo day between 11 am and 2 pm.

CHEMISTRY

1. The Fungus Among Us
2. Rocks: Stories from the Earth
3. CIGLR: Great Lakes Science for Society
4. Where Does Our Drinking Water Come From? A Window into Its Origins
5. How Much Water is 'Hidden' in Your Everyday Life?
6. Michigan's Beautiful Butterflies (And Some Marvelous Moths)
7. Are You the Next Olympic Athlete? Measuring Motor Skill in Health and Disease
8. The Chemistry of the Human Senses
9. Groundwater Adventure
10. How Plants Provide Oxygen and Interact with Their Environment
11. MSU Community Music School Instrument Petting Zoo
12. Ultimate Convenience: Virtual Shopping Experience
13. Wild Wacky Water Critters
14. Amazing Animal Adaptations
15. Dogs, Cats, Horses and Beyond: The Many Facets of Veterinary Medicine
16. Bedrock Groundwater Simulator
17. Make Your Own Pulsar!

BIOMEDICAL AND PHYSICAL SCIENCES

1. Plant Picasso from the IQhub
2. What do Robots, Reptiles, 3D Printers, and Science Projects Have in Common? The LCC Youth Program!
3. Become a Diagnostic Detective!
4. Michigan Frogs by Sight and Sound
5. MSUFCU Financial Education for Every Age
6. K-12 Interactive Lesson
7. Way More Than Books: STEM @ the Library
8. MDEQ Interactive Displays for Youth
9. Art and Science Intersections
10. Plants, Patterns, and Parastichies
11. UNWRINKLING the Mysteries: Surface Instabilities in Nanocrystal/Polymer Structures
12. Computational Science: Robots, Supercomputers, and Virtual Reality, Oh My!
13. The Buzz About Bees
14. MSU Campus Archaeology Program
15. Weird Water: A Study of Non-Newtonian Fluids
16. Evolution in Action
17. Biology of the Spotted Hyena: 30+ Years of Research
18. Microbe Magic
19. Catching High Energy Gamma-Rays
20. Time for Quantum
21. Laser Tweezers: Reach Out and Grab Bacteria!
22. Birds, Poo, and You!
23. Bird "Egg"stravaganza
24. Open-Source 3D Printing
25. Bacterial Migration Under the Microscope
26. Molecule Mania
27. What's a Watershed? Rain, Drains, and Surface Water Quality
28. pH Rainbow
29. Nursing 101: Health Promotion, Skills, Assessment, and Simulation

FRIB

1. A Smashing Time with Nuclei
2. Build the Building Blocks of Matter with Actual Blocks
3. Looking at Invisible Nuclei!
4. Make Rare Isotopes from the Comfort of Your Couch
5. Why are Plants so Smelly? They Just Make Scents!
6. A Day on the Front Line with Doctors Without Borders
7. How Can a Computer Game Help Us Understand Diabetes?
8. How Much Medicine Should I Take?
9. Unraveling the Brain
10. The Snares to Wares Initiative



Delta Dental's Early Childhood Zone

MOLECULAR PLANT SCIENCES

1. Howell Nature Center
2. Learning About Science the Montessori Way!
3. We are Scientists
4. Magic of Monarchs
5. Creepy, Crawly, and Cuddly? Using Stuffed Microbes to Visualize the Microscopic World
6. AH NUTS! The Things We Get from Trees
7. Delta Dental Presents "Rethink Your Drink"
8. Dueling Magic Wands
9. On The Banks of the Red Cedar...
10. Unraveling the Brain
11. Unraveling the Wonders of Nature's Design
12. Sensory Stations: Sifting Sand and Bouncing Bubbles



Talk, Demonstration and Performance events
complete schedule on the website and in the program booklet



Parking



Restrooms

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UNRAVELING THE MYSTERIES

