MICHIGAN STATE UNIVERSITY

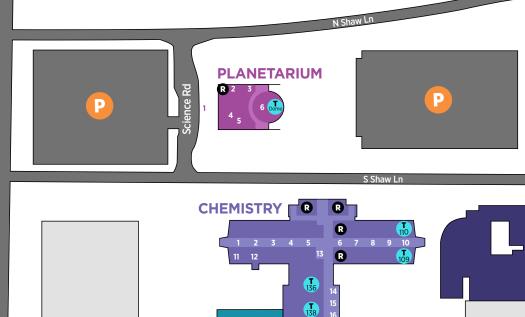
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BIOMEDICAL AND PHYSICAL

SCIENCES

SCIENCE FESTIVAL APRIL 5-20, 2019

EXPO DAY Saturday, April 6 | 10 am - 4 pm ALL EVENTS **FREE**



5-11

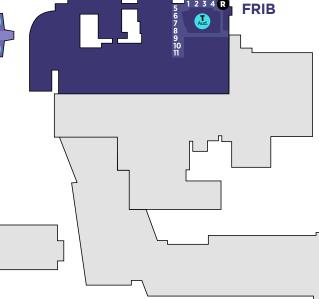
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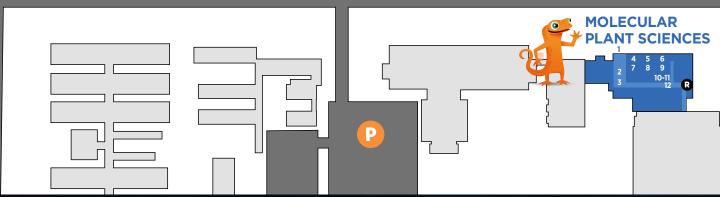
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Wilson Rd



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
- 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 Program15. 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



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



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
- 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

Restrooms



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