

# Schedule of Events



**7** DAYS of science  
fun for everyone!

There's more science in Las Vegas than you may realize.

Discover more at [LasVegasScienceFestival.com](http://LasVegasScienceFestival.com)



**FREE  
Admission!**

Thanks to our  
generous sponsors.

# Sunday, May 1

## SCIENCE IS EVERYWHERE DAY

Take a unique behind-the-scenes look at over 25 amazing places where innovative science happens every day. Head out with family and friends for a self-guided road trip to explore some of the most exciting science happening anywhere!

- Programs are free unless noted
- Suitable for all ages except where noted
- Some sites have limited capacity
- Program hours vary by location

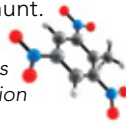


### Applied Sciences

#### Atomic Testing Museum

Radiation is all around us. See for yourself on an atomic scavenger hunt.

755 E. Flamingo Road, Las Vegas  
12 – 4 PM/Ongoing 30-minute programs  
Free admission with program participation



#### Clark County Museum

Discover wireless communication of the 1910s, texting from the 1930s and home entertainment of the 1950s.

1830 S. Boulder Highway, Henderson  
9 AM – 4:30 PM/Ongoing programs

#### Henderson Space & Science Ctr.

See electrifying demonstrations from high voltage to freezing liquid nitrogen.

Galleria at Sunset  
1300 W. Sunset Road, Henderson  
12 – 5 PM/Continuous demonstrations

#### Vegas PBS

Interested in TV? Experience high-tech broadcasting from the nation's most sustainable education technology campus.

3050 E. Flamingo Road, Las Vegas  
1 – 4 PM/30-minute programs



### Health Sciences

#### Atomic #7

Create delicious, healthy instant ice cream (and taste free samples) with science!

605 Mall Ring Circle No. 110, Henderson  
1 – 7 PM/Ongoing demonstrations

#### Clark County Office of the Coroner/Medical Examiner

You've seen them on TV, now see how real-life coroners solve the mysteries of the dead.

1704 Pinto Lane, Las Vegas  
12 – 2 PM/One 2-hour program ONLY  
No children under 12

#### Cleveland Clinic Lou Ruvo Center for Brain Health

Tour this new landmark where a cure for Alzheimer's may well be discovered.

888 W. Bonneville Avenue, Las Vegas  
10 AM – 1 PM/30 minute programs

#### Cord Blood America

What are the benefits of preserving umbilical cord blood? Tour the nation's largest stem cell cryogenic storage facility.

1857 Helm Drive, Las Vegas  
10 AM – 12 PM/40 minute tours, 10 visitors/tour

#### Touro Univ., Gross Anatomy Lab

Get up close and personal with real human body parts in a faculty led tour of the gross anatomy lab.

874 American Pacific Drive, Henderson  
10 AM – 12 PM/30-minute tours,  
15 visitors/tour

#### Touro University, Nursing Skills Lab

Experience on-the-job responsibilities of a nurse with computerized medical practice models.

874 American Pacific Drive, Henderson  
10 AM – 12 PM/30-minute tours,  
30 visitors/tour

#### UNLV Student Recreation & Wellness Center

It's much more than a gym! Tour the new state-of-the-art facilities.

4505 Maryland Pkwy Las Vegas, NV 89154  
Three 20-minute tours: 1 PM, 2 PM & 3 PM



# Sunday, May 1

## SCIENCE IS EVERYWHERE DAY



### UNLV Public Lands Institute

More and more we rely on GPS to get us there. See how it works by taking a geocaching adventure around UNLV. Marjorie Barrick Museum, 4505 Maryland Parkway, Las Vegas  
9 AM, 12 PM and 3 PM/Three 2-hour programs, 30 visitors each

### UNLV Public Lands Institute Forever Earth Program

Discover Lake Mead from the deck of a floating laboratory and conduct your own water-based experiments. Callville Bay Marina, Lake Mead Recreation Area, 10 AM – 2 PM  
Reservation required. Email Project Manager, Amy Page; amy.page@unlv.edu

### UNLV Harry Reid Center for Environmental Studies

Tour two labs: ornithology, to see bird DNA sequencing; and algal biofuels, where scientists create fuel from sewage using algae. Marjorie Barrick Museum, 4505 Maryland Parkway, Las Vegas  
12 – 4 PM / 1-hour tours

### UNLV Urban Sustainability Initiative

Take a walk to learn all the ways UNLV is working on sustainability. Marjorie Barrick Museum, 4505 Maryland Parkway, Las Vegas  
Walking tours (1 mile) at 10 AM and 1 PM, limit 20 people

### U.S. Fish & Wildlife Service

Join UNLV and CSN researchers at Desert National Wildlife Refuge to see ways of tracking climate change. If possible, drive high clearance 4WD vehicles to visit a nearby monitoring station. Carpooling may be available. Corn Creek Field Station 16001 Corn Creek Rd., Las Vegas.  
2 PM – 4 PM, one 2-hour tour ONLY

### Science is Everywhere Day

made possible in part by Bank of America

## Natural Sciences

### Las Vegas Natural History Museum

Ever dream of discovering a new dinosaur or working with dolphins? Meet a real paleontologist, entomologist and marine biologist.

900 N. Las Vegas Boulevard, Las Vegas  
12 – 3 PM/Ongoing program  
Free admission with program participation

### Desert Research Institute (DRI)

Tour one of our most prestigious research facilities; learn about studying life on Mars, deep biospheres and extremophiles.

755 E. Flamingo Road, Las Vegas  
10 AM – 1 PM/60-minute tours

### The Planetarium at CSN

Stars aren't just on The Strip! Stargaze and map out the boundary between our solar system and interstellar space.

3200 E. Cheyenne Avenue, N Las Vegas  
10 AM – 2 PM/40-minute programs

### Ash Meadows National Wildlife Refuge

Did you know there are four endangered fish in our desert? Listen to them "talk."

Visitor's Center, 610 Spring Mountain Road, Amargosa Valley, 10 AM – 2 PM  
One 4-hour tour ONLY. Bring lunch

### Lake Mead National Recreation Area

See how caretakers of the largest man-made lake in the Western Hemisphere are working to restore its banks to a more native state.

Park Headquarters in Boulder City, 601 NV Way  
9 – 10 AM/One 60-minute tour ONLY

### Red Rock Canyon National Conservation Area

Animals and plants that live in a harsh desert environment are super tough! Explore what makes them so well adapted.

Visitor's Center, State Highway 159, Las Vegas  
10 AM – 3 PM/Continuous tours

### Shark Reef at Mandalay Bay

Take a rare back-of-house tour at our city's only accredited aquarium; see how marine animals thrive in the desert.

3950 Las Vegas Boulevard, Las Vegas  
10 AM & 1 PM/Only two 30-minute tours,  
15 visitors each  
Free tour with \$3 off paid admission

### Siegfried & Roy's Secret Garden and Dolphin Habitat at The Mirage

Lions, white tigers, and dolphins – oh my! Go behind the scenes of keeping these magnificent animals healthy and happy.

3400 Las Vegas Boulevard, Las Vegas  
10 AM & 3 PM/Only two 60-minute tours,  
15 visitors each  
Free tour with \$3 off paid admission

### Springs Preserve

Life in Southern Nevada is only possible because of access to water. Take a VIP private tour through the original spring.

333 S. Valley View Boulevard, Las Vegas  
8 – 10 AM/One 2-hour tour

### UNLV Geosciences Department

What causes a volcano to erupt, a tsunami to destroy or gold to form? Meet a geologist, tour labs and get answers.

Marjorie Barrick Museum, 4505 Maryland Parkway, Las Vegas  
12 – 4 PM/1-hour presentation and tours



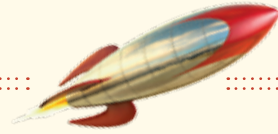
# May 2 – 6

## SCIENCE IN THE COMMUNITY

**In-School Programs** – Real scientists, technology experts, engineers and math wizards are visiting school grades K-12 for in-class talks and demonstrations, lunch with a scientist or presentations. Nearly 100 highly qualified STEM professionals are booked to participate free of charge in local public and private schools.

**You CAN do the Rubik's Cube Competition!** Can you solve the cube in mere minutes? It all comes down to basic math principles. Teams in grades 6 -12 have been training hard; they'll compete for cash prizes on the Science Expo stage.

K-12 programs and the Rubik's Cube Competition are made possible by Walmart.



**Public Programs** – Fill your week with five days of exciting free science programs led by esteemed researchers – including three "Great Debates," an intriguing discussion on future trends – and an art + science demonstration.

### MONDAY

#### The ethics of scientific research: the stem cell debate

The Planetarium at CSN, Cheyenne Campus, Room 2411  
3200 E. Cheyenne Avenue, North Las Vegas  
7:30 – 9 PM

### TUESDAY

#### Can science and religion harmoniously co-exist?

Las Vegas Natural History Museum  
900 N. Las Vegas Blvd., Las Vegas  
7 – 8:30 PM

### WEDNESDAY

#### Our changing environment: the local impacts of global warming

Springs Preserve Origen Gallery Theater  
333 South Valley View Boulevard  
7 – 8:30 PM

### THURSDAY

#### What does the future hold for science & technology in Nevada?

UNLV Student Union Theatre  
4505 South Maryland Parkway  
7 – 8:30 PM

### FRIDAY

#### Science + Art: Make the connection at First Friday

City of Las Vegas Tent  
First Friday Entrance on S. Casino Center Boulevard  
10 PM

**Public Programs** made possible in part by NVEnergy

# Saturday, May 7

## SCIENCE EXPO

CASHMAN CENTER | 850 N. Las Vegas Boulevard | 10 AM – 7 PM | Free admission

**IT'S THE BIGGEST CELEBRATION OF SCIENCE AND TECHNOLOGY EVER IN SOUTHERN NEVADA!**

Join over 60 science-based organizations for a **FREE** full day of hands-on science fun. Get in touch with your inner scientist with hundreds of cool and exciting science, technology, engineering and math demonstrations plus two big stages of science-themed entertainment.

### There's something for everyone from toddlers to seniors ...

See robotics demonstrations | Check out dinosaurs and other prehistoric creatures | Touch real preserved human body parts | Star gaze using special telescopes and filters | Play in a pre-kindergarten science discovery zone | Let amazing insects bug you! | See what it takes to build amazing things | Touch giant ice age fossils discovered right here in our Valley | Watch planetarium shows that map the night sky | Do physics demonstrations – blow something up! | Use the latest and greatest technology devices | Figure out what makes our desert geology so unique | Make slime! | Meet live animals and plants adapted to tough desert living | See what it takes to engineer the next big technological wonder | Learn about properties of natural gas | Learn super fun ways to improve math skills | See what the future holds for Southern Nevada | **And much, MUCH more!**

The Science Expo is made possible in part by Cox Communications



## Big Bang! Stage



Each hour, the Big Bang! Stage features high-energy science-themed entertainment: rock star physicists, scientist magicians, the You CAN Do Rubik's Cube Competition, and lots of exploding stuff.



## Innovation Stage



The Innovation Stage showcases engaging presentations and demonstrations on hot science topics. Learn about the science of cooking, and technology developed and tested here in Southern Nevada.



**A big thanks to everyone who made the first-ever Las Vegas Science Festival possible!**

**See you again next year for an even bigger and better event.**

The Las Vegas Science Festival is presented by ... **The Las Vegas Natural History Museum** in partnership with **The Clark County School District (CCSD)**, **University of Nevada, Las Vegas (UNLV)** and the **Desert Research Institute** along with 80 other science organizations in Southern Nevada.

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Branding and Communications by **eurie creative**

Media Relations by **The Ferraro Group**

Expo Planning & Coordination by **Mason Marketing**

The Las Vegas Science Festival is made possible through the generous support of our sponsors. Thank you for believing in the importance of bringing STEM to our community!

For additional up-to-the-minute information on Science Festival programs and events, please visit [LasVegasScienceFestival.com](http://LasVegasScienceFestival.com) or call 702-384-3466.

LAS VEGAS  
**SCIENCE  
FESTIVAL**  
MAY 1-7 2011