# DENVER MUSEUM OF NATURE & SCIENCE MAGAZINE SPRING 2019

# INSIDE ///

LEONARDO DA VINCI: 500 YEARS OF GENIUS OUR SENSES: CREATING YOUR REALITY SUPERPOWER DOGS 3D

#### THE WORLD NEEDS REAL HERDES



PRESENTED BY MARS

IMAX ENTERTAINMENT AND MARS PETCARE PRESENT COSMIC PICTURE'S "SUPERPOWER DOGS" IN ASSOCIATION WITH IMAX DOCUMENTARY FILMS CAPITAL Remember of foster matt rotondo would jim edward #Remetlsabeth-Ann gimber and the foster matter for robichon "Mark Michel Cusson """ Taran davies george duffield dominic cunningham-reid daviel ferguson «Arthur Daviel Ferguson »

**OPENS MARCH 14 IN PHIPPS IMAX THEATER • TICKETS AT DMNS.ORG/IMAX** 

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### DEAR MEMBERS,

I am so excited to share that the Museum served 2 million people in 2018, for the first time in our history! This is a special milestone because it reflects the continuing passion and commitment of our staff, volunteers, members, and donors. It also reflects how during the past few years,



we've been getting to know our community in new ways. These understandings and relationships are helping us shape the future Museum, one that connects more people to nature and science in ways that are meaningful to them.

The questions, ideas, wishes, and needs of our community have developed into the Everyone, Everywhere strategic plan, with seven initiatives designed to nurture wonder and curiosity, both inside and outside the Museum's walls. We are looking forward to sharing more about these initiatives in many ways, including at members events and in Catalyst.

The new year kicked off with wonderful news about one of the initiatives, called Nearby Nature. The Museum has entered a partnership with Denver Parks and Recreation to redevelop the small playground area near the Museum. Although the City Park Master Plan Update calls for replacement of the playground, the project did not have a funding source before this partnership was established.

Parks and Recreation asked the Museum to lead the fundraising, design, and construction of natural play spaces to replace this playground. We enthusiastically agreed and are looking forward to collaborating on the project and engaging the community in conversations about what makes nature, science, and play meaningful to them. More information is available at dmns.org/natureplay.

2019 is going to be great for other reasons as well. We are starting the year with Leonardo da Vinci: 500 Years of Genius-with gratitude to our presenting sponsor, the Sturm Family Foundation-and capping it with the opening of The Science Behind Pixar, with lots of other fun, compelling opportunities for you and your family to make new discoveries in between. Thank you for joining us in making science accessible, understandable, and meaningful for everyone, everywhere.

**George Sparks** President and CEO president@dmns.org

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## FIND IT @ DMNS.ORG

The website has a new look and navigation!

- Print-at-home tickets for surcharged exhibitions, Planetarium and IMAX shows, lectures, and programs
- Reservations for members events
- Visiting tips and curated plans
- Membership renewals and purchases
- How to Donate
- Join Our Community:





#### ON THE COVER

From the zoology collections Mallard (Anas platyrhynchos) Cover: Wing (ZB.45381), Jefferson County, CO, 2016 Above: Mount (ZB.351), Logan County, CO, 1910 Leonardo da Vinci was fascinated by flight and studied the natural engineering of bird wings.

#### SEE SOME AMAZING INTREPID FEATS (AND PAWS) IN TWO NEW IMAX FILMS

Marvel at one of nature's most breathtaking shows as you explore molten worlds and exploding craters across the globe in the new IMAX film *Volcanoes 3D: The Fires of Creation,* now showing in Phipps IMAX Theater.

For billions of years, volcanoes have helped create the world we know. The continents, the air we breathe, even life itself all have their origins in fire. These processes have created extraordinary ecosystems and wildlife habitats. With more than 500 active volcanoes, the Earth is bursting at the seams with these forces of "mass construction." You will travel alongside intrepid explorer Carsten Peter as you dodge boulders at the edge of an active volcano in Indonesia, descend to a lava lake in Vanuatu, visit incredible mineral deposit fields in Ethiopia, and explore the archaeological ghost town of Pompeii.

In the new IMAX film, *Superpower Dogs 3D*, opening Thursday, March 14, You will be awed by the extraordinary skills and bravery of some of the world's most amazing canines. Journey around the globe with remarkable dogs that save lives and share a powerful bond with their human partners.





Meet the superhero canines: Halo, a rookie puppy training for an elite disaster response team in America; Henry, an avalanche rescue expert in the Canadian Rockies; Reef, a Newfoundland lifeguard with the Italian coast guard; Ricochet, a California surf legend helping people with special needs; and Tipper and Tony, the bloodhound brothers, leading the fight to save endangered species in Africa. Best friend, indeed!

Get tickets at dmns.org/imax.

#### WITH YOUR HELP, IT'S EASY BEING GREEN

Thank you, members, for helping us establish a successful public composting system last year. We created 25.5 tons of compost in 2018! The Museum is pleased to announce that we are removing all plastic beverage bottles from our operations. Compostable cups for fountain drinks and water stations for refillable bottles are available. We appreciate your support as the Museum continues to strive to reduce its carbon footprint.



#### CELEBRATE DÍA DEL NIÑO

The Museum is pleased to continue its partnership with the Mexican Cultural Center to present the sixth annual Día del Niño celebration on Sunday, April 28. This SCFD Community Free Day has become one of the most popular events at the Museum! Enjoy music and dance performances by local community groups as well as special crafts and other science and nature activities.



#### THE WIZARD RETURNS

Back by popular demand, a Harry Potter marathon in Phipps IMAX Theater! Between April 4 and June 8, all eight *Harry Potter* films and two *Fantastic Beast* films will be screened in chronological order for Hollywood Favorites. Relive the magic or see the saga unfold for the first time. Previously released cinematic features are included in our IMAX lineup on Thursday, Friday, and Saturday evenings. Find the schedule and ticket information at dmns.org/imax.

#### TEN YEARS OF HEALTHY FUN

*Expedition Health* turns 10 years old in April! In this award-winning, high-energy experience, millions of people have taken a virtual expedition up Mount Evans to see how the human body constantly changes and adapts in ways you can see, measure, and optimize.

Just think, since 2009 ...

- It has "snowed" on the audience in the Body Trek Theater 116,480 times.
- Museum volunteers have given 207,000 hours of their time in the exhibition. (Thank you!)
- More than 2.5 tons of wheat germ have been used for the DNA extraction experiment.
- 1,000 pounds of fruit cereal have been used for Food Chemistry.
- Nearly 9,000 people have participated in real research in the Genetics of Taste Community Lab, including in the newest project, Genes and Grains.

And countless Peak Passes have been activated, stage shows presented, miles ridden on the BioRide bikes, sheep hearts dissected, and so much more. Thank you, members, for helping to make *Expedition Health* a Museum favorite.

#### GET YOUR GAME ON

Come on in, jump on board, and have some fun with virtual reality (VR) games and rides that let you explore wherever your curiosity leads in *VR Arcade*. This pop-up experience on Level 1 of the Museum features six individual bays and a four-person Virtual Reality Transporter ride. New games are added on a regular basis. A special ticket is required and may be purchased onsite only. Find out more at dmns.org/vrarcade.

EONARDO DA VINCI 500 YEARS OF GENIUS

The experience has been created by Grande Exhibitions and Pascal Cotte.

G R A N D E

SENS@RY4™ Immersive experience

Presented in Denver by STURM FAMILY FOUNDATION

#### **OPENS MARCH 1**

Inventor, artist, scientist, anatomist, engineer, architect, sculptor, philosopher. Although Leonardo da Vinci died in 1519, his influence has endured. His extraordinary legacy comes to life in the exhibition *Leonardo da Vinci: 500 Years of Genius*. The exhibition is presented in Denver by the Sturm Family Foundation.

The story of Leonardo is told through a variety of experiences that illustrate why the ultimate Renaissance man remains an inspiration for the ages.

Although Leonardo is one of human history's most famous people, he left behind very few tangible examples

of his studies and works. Surviving artifacts are in private collections or on permanent display in a small number of renowned museums around the world. Fortunately, the creators of this experience, Grande Exhibitions, collaborated with the Museo Leonardo da Vinci in Rome and experts from Italy and France to build Leonardo's machine inventions and create beautiful reproductions of his paintings and his codices, which are books of notes and sketches that remain the primary insight to his genius.

#### BRINGING LEONARDO'S CONCEPTS TO LIFE

You will be introduced to Leonardo through his codices, which Grande Exhibitions and their collaborators used as "instruction manuals" to build more than 70 machine inventions. These inventions show how Leonardo's fundamental scientific and technical principles are reflected in many of today's machines and devices, including the helicopter, airplane, automobile, submarine, parachute, scuba gear, and military tank.

Grande Exhibitions said the artisans "had to learn an old Florentine dialect, interpret Leonardo's shorthand and mirror writing, and analyze his intricate drawings, sometimes laboring through page upon page of drawings of the same invention as Leonardo strove for perfection. They have scoured 6,000 pages of notes to decipher the 'patents' Leonardo put in his work—deliberate mistakes, misleading information, and scattered ideas."

The results are Leonardo's machine inventions brought to life, using the materials and techniques of 15th-century Italy. Some of the machine inventions are scaled down, some are life-sized, and others are oversized. Some have mechanisms you can try for yourself.

#### THE SECRETS OF MONA LISA

Leonardo also took a scientific approach to his artwork. He was fascinated by the mechanics of the human body as well as light, shadow, and perception. Although he was part of the Italian Renaissance and created about 25 paintings, much of his work is lost. Yet his painting, *Mona Lisa*, is one of the world's most legendary works of art. An exclusive feature of the exhibition is "The Secrets of Mona Lisa," an analysis of the iconic painting conducted at the Louvre by scientific engineer and photographer Pascal Cotte. The display includes super-magnified examinations, a 13-foot-high infrared print, and the only 360-degree replica ever made of *Mona Lisa*.

You will also see print reproductions of Leonardo's Florentine oil paintings, including *The Annunciation* and *Virgin on the Rocks*. An animation of *The Last Supper*, a fresco often misperceived as a framed painting, reveals that although the technique Leonardo used was flawed, this work of art remains the most recognizable interpretation of this iconic biblical event.

#### SURROUNDED BY LEONARDO

Leonardo himself would likely marvel at the high-tech, multisensory cinematic experience in the exhibition that immerses you in his works. Grande Exhibitions' state-of-the-art SENSORY4 technology uses high-definition motion graphics and surround sound, combined with authentic photography and video footage, to saturate the space in a breathtaking display of computer-generated images of Leonardo's codices, art, and inventions.

In addition, you can test a Leonardo-inspired catapult and create your own codex page with a self-portrait or still life. The Museum's historical enactors will also be in the gallery, presenting characters who bring a personal perspective to the story of Leonardo.

"We are thrilled to bring Colorado the most comprehensive exhibition about Leonardo da Vinci ever created," said George Sparks, President and CEO of the Museum. "Obviously, Leonardo's passion for furthering human understanding of the world resonates with us and reflects our commitment to being catalysts for curiosity in our community."

"This exhibition is an amazing opportunity to partner with the Museum once again to not only share our passion for world history but also bring an enriching cultural experience to our beloved city of Denver," said Don Sturm, chairman of the Sturm Family Foundation.

Whether you are a history aficionado or discovering this illustrious man for the first time, you will see why Leonardo epitomizes 500 years of genius.



#### MEMBERS TIPS

- Leonardo da Vinci: 500 Years of Genius will be open daily, March 1– August 25.
- Timed tickets are required for all members and guests. Purchase your print-at-home tickets at dmns.org/ davinci and avoid a handling fee. Audio guides, in English and Spanish, may be purchased onsite.
- Reservations are also available at 303.370.6000 (daily, 9–5). There is a \$2 fee per ticket by phone. Afternoon is the best time to call.
- The complimentary guest tickets you receive with your membership may be upgraded for admission to *Leonardo da Vinci.*
- Giving Club members may use their Flex Tickets for free admission to *Leonardo da Vinci* through their ecard or online Museum account. Find out more about upgrading your membership to the Giving Club on p. 10.
- Weekday late afternoons and weekend early mornings tend to be less busy in our temporary exhibitions. School groups generally visit during weekday mornings. Spring Break 2019 in metro Denver is March 18–29. Parking can be challenging during popular times, so please consider this when you plan your visit and exhibition entry.
- Find out more about the exhibition and related programs at dmns.org/ davinci.

#### OUR SENSES: CREATING YOUR REALITY OPENS APRIL 12

When it comes to our senses, hasn't the number five had enough time in the spotlight? Now other sensory heroes get some overdue attention in *Our Senses: Creating Your Reality*, an exhibition for the whole family where you play with color, patterns, sounds, scents, and textures to discover there's so much more to human senses than just the famous five.

Every sight, sound, smell, taste, and touch is detected by specialized sense systems that send signals through the nervous system to the brain. Your brain decodes and integrates the signals and converts them into perceptions and how you experience reality. Beyond the primary five, scientists are learning more and more about how our internal senses monitor the body and send messages to the brain about balance, hunger, thirst, body temperature, breathing, and more.

This isn't a journey for the faint of thought, so hold on to your brain, eyes, ears, nose, and body because it's going to be wild ride as you realize how what you perceive is not exactly what's actually going on around you.

- Watch walls lit with alternating colored lights and see just how much a world bathed in white light differs from one illuminated in blue, green, or red (below left).
- Hunt like a snake and find prey using an infrared viewer.
- Dial into a variety of animal sounds normally outside the range of our hearing.
- Track distinct sounds in an audio collage, such as a creature in a natural setting or a single instrument in an orchestra.
- Try a balancing act as your feet feel flat beneath you but your eyes see walls that appear to curve and ripple (below center).
- Explore a garden through the eyes of a bee or a butterfly (below right).
- Test your complicated touch system and figure out how you sense hot or cold.
- Sniff out fragrance notes in a complex scent. What we perceive as a particular odor is actually a symphony of smells.
- Participate in the live show with fun activities that illustrate and integrate your amazing senses.

The members preview of *Our Senses: Creating Your Reality* is Thursday, April 11. The exhibition will be open daily until Sunday, August 4. Admission is free for members. Find out more at dmns.org/senses. See the back cover for members events.



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Our Senses is organized by the American Museum of Natural History, New York (amnh.org)

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FEATURED EXHIBITION | CATALYST | 7

#### THE ENDURING IMPACT OF THE FOLSOM POINT

"My face was pressed up against the display glass. I'm certain I was smudging the surface. It was the spring of 1966, and I was 13 years old. Everyone else on my eighth-grade field trip to the Denver Museum of Natural History had moved on to other displays, but I was transfixed by the beauty of the object upon which I so lovingly gazed. Suddenly I felt a tap on my shoulder. As I turned around, a fairly stern and taciturn woman said, do you know what you are looking at, young man?"

Flash forward 52 years. That "young man" was now a grown man, and he had the object of his admiration in his hands. It was the Folsom point, an artifact that revolutionized North American archaeology. Tom Westfall and his wife, Myra, own Mammoth Run Lithic Casting, based in eastern Colorado. In August 2018, they were in the Museum's Avenir Conservation Center creating replicas of the world-famous projectile point.



Prior to the point's discovery near Folsom, New Mexico, in 1927, scientists believed humans had been in the New World for only 3,000 to 4,000 years. The point was found between the ribs of an extinct lce Age bison (*Bison antiquus*). This direct connection—between a human-made artifact and an extinct lce Age mammal—proved humans were in North America far earlier, 12,000 years ago. The site was excavated by our Museum and the original type specimen is on display in *Prehistoric Journey*.

The Westfalls were contracted to create two research-grade replicas of the Folsom point. Tom's historical connection to the point brought the project full circle. Turns out back when he was on his field trip, it was none other than the famous archaeologist, Dr. Marie Wormington, who approached Tom on her way to her office. Tom recalled that as an arrowhead hunter and a voracious reader about "all things ancient," he told her that he thought it was a Folsom point. Dr. Wormington's serious expression turned into a smile. "She introduced herself to me, and I blubbered out that I had her book Ancient Man in North America," Tom said. She smiled again.

The replicas are an unmistakable duplicate of the original. The casting is a meticulous process. The projectile point is pressed into a brick of clay, taking care to create smooth edges. This is the basis for building a latex rubber mold. The mold is poured one side at a time, with each side drying thoroughly, four hours to overnight. The cast is created using a high-grade dental resin. Once the resin is poured into the mold, it takes only about 20 minutes to dry. One of the trickiest parts of the process is replicating the distinctive color and surfaces of each point. Myra puts her artistry to work, using a variety of products and techniques.

The two resulting replicas are now held in the Museum's anthropology collections and education collections. "The real Folsom point is kept on permanent display for the public," said Dr. Steve Nash, chair of the Anthropology Department. "The cast improves access for researchers who want to study the point. And having one in the education collections means that young guests at the Museum can examine the famous point up close and learn about its impact on human history."

As Tom noted, "More than 10,000 years ago, a Folsom man or woman killed a large bison ... and left behind a stone projectile point. We don't know much about this individual, but that Folsom point is a mute reminder that we have much yet to learn about our world. I wonder what we're leaving behind in the wake of our imminent passing. Five years, 25 years, 50 years; a blink of the eye in terms of the tenure of human existence here on Earth."



#### DISCOVER MORE

See the original Folsom point in *Prehistoric Journey* on Level 3. Replicas of the Folsom point are available for purchase through the Museum Shop.

Read Tom Westfall's full reflection at dmns.org/folsomreplica.

Facing page: Can you tell which one is real? The original Folsom point is on the left and the replica is on the right. This page, top: Myra Westfall carefully presses the point into the clay. Bottom: Tom Westfall pours latex to create the mold.



The Museum is a feast for the senses. So much to see, hear, taste, and touch. On June 14, let's take it to the next level and explore how perception is more than simply a window into the world around us it's what makes us human. This year's event is chaired by John and Katie Levisay and Anne M. McCarthy.

Museum After Dark: Perception will heighten your senses during a fascinating evening that only the Denver Museum of Nature & Science can deliver while supporting science education and research. Using technology and the lens of human biology, guests will enjoy live entertainment, interactive science demonstrations, and a progressive dinner highlighting just about everyone's favorite sense: taste! Cap the evening by dancing the night away with the entire Museum family at the After Dark Soiree.

#### INTRIGUED? GET A SENSE OF IT AT WWW.DMNS.ORG/MAD.

#### UPGRADE TODAY AND RECEIVE FREE TICKETS FOR LEONARDO DA VINCI

Deepen your passion for nature and science by joining the Giving Club! In addition to supporting scientific research and education, upgrading your membership to the Curator level gives you access to special events and exclusive benefits throughout the year.

• Complimentary Flex Tickets (14) for yourself or friends and family. Use them for popular programs such as Science Lounge, select evening lectures, IMAX and Planetarium shows, or for free admission to *Leonardo da Vinci: 500 Years of Genius*. Flex Tickets let you design your benefits based on your personal interests.

• Invitations to special events throughout the year, including the popular Behind-the-Scenes Night and IMAX Night, just for Giving Club members.

• First access to summer camp registration, even before general members!

As a Giving Club member your gift supports ongoing scientific research, preserves rare artifacts, and fuels lifelong discovery in the millions of people served by Museum exhibitions and programs. Upgrade today by logging in to your online Museum account to start enjoying additional benefits right away, or find out more at dmns.org/givingclub. Monthly installment plans are now available.

#### CORPORATE MEMBERSHIPS ARE REWARDING

When your business becomes a corporate member at the Museum, your employees and their families will enjoy admission, events, discounts, and more. Corporate membership is a unique benefit you can add to your total rewards package. Memberships start at \$2,500 annually and a portion is tax-deductible. At the same time, your organization will impact the community by supporting education for the workforce of the future. Get details at dmns.org/corporatemembership or by email at corporatemembers@dmns.org.

# DENVER MUSEUM OF NATURE & SCIENCE SALUTES OUR 2018 CORPORATE PARTNERS

We thank the following companies for their generous support.



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For information about corporate partnerships and memberships, please contact Angeles Ortega at 303.370.6454 or angeles.ortega@dmns.org.

#### MAGIC MOUNTAIN IS OLDER THAN ORIGINALLY UNDERSTOOD

Magic Mountain, the archaeological site near Golden, Colorado, was occupied by humans thousands of years earlier than originally understood, according to new research conducted by the Museum in partnership with the Paleocultural Research Group and the University of Kansas Odyssey Archaeological Research Program. Nestled in the foothills, the site served as a campground for nomadic hunter-gatherers for millennia. Today it is one of the most significant archaeological sites along Colorado's Front Range. The Museum and its partners have conducted fieldwork there for the past few summers.

The site was also excavated in the 1950s and 1990s. Previous excavations and radiocarbon dates revealed that the oldest occupation was roughly 5,500 to 5,000 years ago.

New radiocarbon dates from buried soil and its associated artifacts date to 8,000 radiocarbon years BP, or roughly 9,000 calendar years ago. The samples were collected and dated by Dr. Rolfe Mandel, director of the Odyssey Archaeological Research Program.

"The new dates push back the earliest occupation of the site by several millennia, into a period about which we know very little. Only a few sites in the Denver Basin preserve archaeological deposits from that period," said Dr. Mark Mitchell of Paleocultural Research Group and codirector of the Magic Mountain project. "The fact that we've identified an early Holocene and potentially Late Paleoindian occupation at Magic Mountain only magnifies the site's importance for understanding the ancient history of the region. The new dates are also significant for our understanding of how the natural landscape around the site changed over time."

Magic Mountain is a prime locale to better understand mobility patterns, seasonal use, and site activities by early humans. Recent excavations have unearthed numerous rockfilled hearths and roasting ovens that were possibly once inside structures, countless fragments of grinding stones, various projectile points and other stone tools, and a handful of gray cord-marked ceramic fragments. Dr. Michele Koons, the Museum's curator of archaeology and codirector of the project, is overseeing the cleaning, sorting, cataloging, and analysis of the collected material.

"The new dates are very exciting. Our research up until now had mainly focused on the Early Ceramic Period (200–1000 CE) occupation at the site. These new dates open up a potential new avenue of inquiry into early Coloradan life along the Front Range," said Koons.

For the last two summers, more than 3,000 Museum members and guests of all ages have attended free tours and participated in excavation activities at Magic Mountain. A grant from the Colorado State Historical Fund is supporting the project. The project will take a break from fieldwork in 2019 as analysis continues and future research questions are formed.

# MEMBERS APPRECIATION DAY SUNDAY, MAY 19

#### Enjoy these special discounts just for you!

- 20% off on select items\* in the Museum Shops
- 20% off in the T-Rex Cafe and Grab & Go
- 10% off gift memberships
- 50% off IMAX and Planetarium tickets

\*Extra 10% discount does not apply to DVDs, CDs, and books. Special offers are valid in person only and must be used on May 19, 2019.

#### GET THE MOST FROM YOUR MEMBERSHIP

• Visit anytime for free 364 days a year!

• Make sure your eCard is up to date with version 3.2.2, or download your free eCard if you haven't yet. Please note the app is no longer available for phones using Windows. Find out more at dmns.org/ecard.

• Read the monthly eNews with members-only news, tips, and special offers. Not hearing from us by email? Send your address to members@dmns.org.

• Keep your membership current with Auto-Renew. Enroll at 303.370.6306 (daily, 9–5) and get a free gift. Your expiration date is printed on the mail label on the back of this magazine.

• Add another adult to your membership for just \$50. This is a great option for nannies and grandparents, and the add-on member enjoys many benefits! Not valid on Individual level memberships.

• Pack your membership card! Receive free admission at 360 science centers and museums outside a 90-mile radius of Denver and your residence through the ASTC Passport Program, astc.org/passport.

• Upgrade to the Family Plus level or higher and enjoy free admission to the Fort Collins Museum of Discovery.

#### **MEMBERS TIP**

Please allow plenty of time for parking because it can be challenging to park during popular times, especially with spring break coming up the last two weeks of March. We encourage you to consider alternative modes of transportation. The Museum's rideshare partner, Lyft, offers \$5 off 3 rides for any new user with the code DMNSNEW. Bike racks are located right outside the main entrance, and a Denver B-cycle station is located at the Museum.

#### WE'RE HERE FOR YOU

- 303.370.6306 (daily, 9–5)
- members@dmns.org
- www.dmns.org/members
- Members Lane at Ticketing

#### THANK YOU FOR YOUR SUPPORT!

Your membership helps us provide outstanding science education programs, exhibitions, and research.



BE INSPIRED BY WOMEN IN SCIENCE!

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**Where:** Denver Museum of Nature & Science, 2001 Colorado Blvd., Denver, CO 80205

When: Saturday, March 2, 2019, 9 a.m.-5 p.m.

**Tickets:** This event is included in the price of Museum admission.

Ages 3–18: \$4 general Museum admission

Members: Free

SNAP Access: Free, just show your EBT card at Ticketing

**Military** All who serve or have served in the U.S. military receive a \$3 discount on general admission to the Museum. Available through onsite purchase only.

Scholarships Available\*

What: The Denver Museum of Nature & Science and CBS4 are excited to host the fifth annual Girls & Science event. Come explore a variety of Science Clubhouses, where girls (and boys!) and their families will meet women Career Mentors in STEAM and experience the many diverse opportunities a future career in science, technology, engineering, art, and math can bring. This day is all about igniting a passion for science—so try it on, test it out, and play!



#### www.dmns.org/girlsandscience

\*Free admission is available for families that need financial assistance to attend this event. Please call 303.370.6000 in advance or see a Museum ticketing agent on March 2 for information.



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#### OUR SENSES: CREATING YOUR REALITY MEMBERS ONLY! MAKE YOUR RESERVATIONS TODAY!

In a series of interactive galleries, enjoy some "sensory overload" as you play with color, patterns, sounds, scents, and textures and discover how there's so much more to your senses than just the famous five. **Reservations open Monday, March 4, at dmns.org/memberevents.** 

#### MEMBERS-ONLY PREVIEW DAY

Thursday, April 11 • 9 a.m.–9 p.m.

See it before it opens to the public! Reservation required at dmns.org/memberevents.

#### MEMBERS-ONLY EVENING

#### Tuesday, April 16 • 6–9 p.m.

An optional prepurchased dinner is available for an additional charge: \$14 adult, junior, senior member; \$9 child. Reservation required at dmns.org/memberevents. Dinner reservations due by April 2.

#### MEMBERS-ONLY EVENING FOR 21+ Thursday, May 2 • 6-9 p.m.

\$50 member, \$60 nonmember In addition to an adults-only evening in Our Senses, enjoy hors d'oeuvres and a cash bar followed by dinner. Reservation required at dmns.org/memberevents. **Reservations due by April 18.** 

#### Events subject to selling out. MAKE YOUR RESERVATION TODAY!

No walk-up tickets will be available. Exhibition entry by timed ticket due to gallery capacity. Only Our Senses will be open on Members Evenings; the rest of the Museum will be closed.