



## THE EXHIBIT

Explore a creepy Victorian home and learn about botany, medicine, and history through an interactive exploration of the villains of the plant world!

*Based on the best-selling book Wicked Plants: The Weed That Killed Lincoln's Mother & Other Botanical Atrocities*

# From the Director



Bill McElhone

With a variety of free, family-friendly indoor activities, the Museum is the perfect place to explore this winter and early spring.

The annual Storytelling Festival, on February 7 – 8, features the theme of “Growing Stories” to pair with Wicked Plants: The Exhibit.

The event brings professional storytellers and performers from across Michigan and beyond. As in past years, certified American Sign Language interpreters will be part of the presentations.

There will be two new temporary exhibits this winter and spring. Wicked Plants: The Exhibit explores the botany, medicine, and history of the villains of the plant world. This interactive exhibit gets “into the weeds” of how some plants’ adaptations can be dangerous. See pages 8 through 11 for related stories.

Patient No More: People with Disabilities Securing Civil Rights, open February 9 to June 7, brings to light an overlooked moment in U.S. history and the fight for Disability Rights. See pages 3 and 14 for details.

The Kalamazoo Fretboard Festival is returning for its 15th year! The Play-In Contest on January 10 gives performers a chance to win an honorarium and a timeslot to play in the Festival. The Festival takes place March 6 – 7 and features performers, vendors, and a host of other programs. See [fretboard.kvcc.edu](http://fretboard.kvcc.edu) for details.

The Foodways Symposium, now in its fourth year, is a collaborative program with the Bronson Healthy Living Campus. It will be held April 3 – 4 at the KVM and Kalamazoo Valley Community College’s Marilyn J. Schlack Culinary and Allied Health building. This free event, sponsored by the KVCC Foundation, features community collaborators engaged in food matters exploring cultural aspects of its “Plant Forward” theme. This theme means recognizing that our plant food culture is changing, from our shared past to our shared future.

The Museum will again participate in Statewide Astronomy Night (SWAN) on Friday, April 17. The program includes a special guest speaker, planetarium shows, and free hands-on activities.

There’s still time to visit the exhibit Mindbender Mansion 2 before it closes on January 5, and Filling the Gaps: The Art of Murphy Darden, open through March 29.

Consider this your invitation to explore your Museum of history, science, and technology. museON, everyone!



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Correction: The photos of Dr. Lilian Hoagland Meyer and Dr. Ausma Skerbele Weisend on page 9 in the previous issue are courtesy of Western Michigan University.

museON

winter2020

museON is a publication of the Kalamazoo Valley Museum and Kalamazoo Valley Community College

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museON is published three times a year: Fall, Winter, and Summer. Questions about Kalamazoo Valley Museum programs described in this publication may be directed to the Kalamazoo Valley Museum offices. Phone: 269.373.7990 or 800.772.3370. Comments or questions about this publication may be directed to the Kalamazoo Valley Community College Marketing Department at 269.488.4821.

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# PATIENT NO MORE

People with disabilities securing civil rights

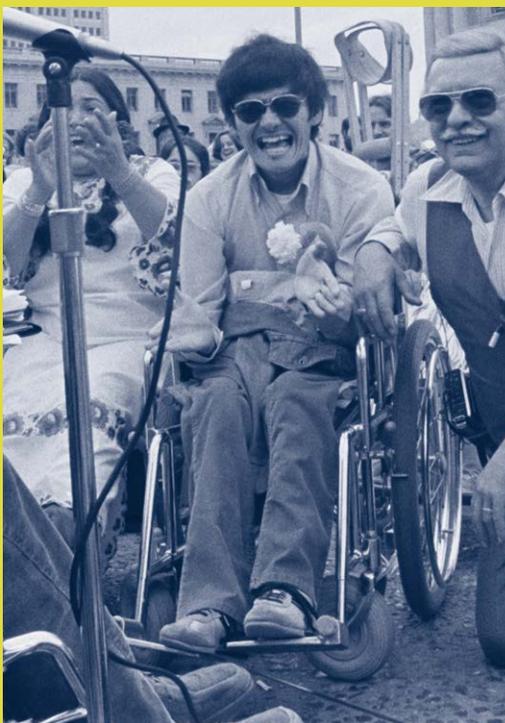
## Patient No More Exhibit Celebrates Landmark Legislation

Patient No More: People with Disabilities Securing Civil Rights uncovers the stories behind a moment in history when people with disabilities successfully held protests across the country to get Section 504 of the Rehabilitation Act of 1973 signed into law.

In April 1977, more than 100 people in San Francisco, California, began a 26-day unarmed occupation of the Federal Building to insist on getting their rights. On April 30, 1977, protesters and supporters emerged from the federal building in victory, when the final signature was added to Section 504, making it illegal for any federally funded facilities or programs to discriminate against disabled people.

Amy Helmuth, Family Support Partner Supervisor for Integrated Services of Kalamazoo, believes it's important to reflect on the history of disability rights while remaining mindful of the work that must still be done.

"Understanding the history of the disability rights movement adds perspective to present-day actions by disability advocates and their allies," Helmuth said. "Our society still deems people with disabilities as less-than and sometimes as nonhuman. People with disabilities are to be pitied, ignored, or used as pawns to sell something. We rarely see the truth, which is that people with disabilities are simply people—people deserving of respect, consideration, and opportunities. Exhibits like these remind us that we have come a long way in securing basic rights for individuals with disabilities, and they also highlight the need to keep fighting—for better treatment, higher expectations, and equal opportunities. Education beats stigma, and this exhibit is a great way to learn!"



Visitors to the exhibit, on display from February 9 to June 7, 2020, will explore many themes:

- Disability as a source of creativity and innovation, not pity or tragedy
- Daily life inside the Federal Building and the activities of the 26 days of occupation
- The protests that occurred nationally
- How protesters influenced the media, developing close ties with the press and changing the language of their coverage
- Section 504 and the Americans with Disabilities Act
- The controversies of 504, especially in regards to race and deafness

The exhibit includes:

- Braille binders with the text of the exhibition
- MP3 players with audio description tracks
- Short videos featuring original oral history footage by 504 protesters and videos featuring victory speeches and protest songs from the occupation, which include American Sign Language (all audio-described and captioned)
- Instructions for a "selfie station" that asks visitors to consider what makes them "Patient No More"

*Patient No More: People with Disabilities Securing Civil Rights is presented by the Paul K. Longmore Institute on Disability at San Francisco State University, made possible with support from California Humanities, and traveled by Exhibit Envoy.*



PAUL K. LONGMORE  
Institute on  
Disability

exhibit envoy

# League of Women Voters: First 100 Years

## “EMPOWERING VOTERS. DEFENDING DEMOCRACY.”

The first women’s rights convention was held in Seneca Falls, NY, in 1848 and marked the beginning of the suffragist movement. The ensuing declaration listed areas where women lacked equality, such as voting rights, education, divorce law, and property rights. This movement would lead to the formation of the National American Woman Suffrage Association (NAWSA) in 1890.

Efforts in Kalamazoo leading up to the ratification of the 19th Amendment involved many determined women. Perhaps best known was Dr. Caroline Bartlett Crane, minister of People’s Church, whose personal letters reveal the relationships she developed with national suffragist leaders Susan B. Anthony and Ann Howard Shaw.

Dr. Crane led the section of female clergy in the March on Washington on March 3, 1913, organized by the National Women’s Party. This march is famous as the first march on Washington but is also remembered for its reflection of the unequal status of the races at the time. African American suffragists were not welcome to participate with white suffragists and were relegated to a “colored delegation” at the end of the procession. Despite this, African-American civil rights leader Ida B. Wells courageously chose to march alongside her Chicago delegation.

After ratification of the 19th Amendment, the Kalamazoo Equal Suffrage Association transformed into the Kalamazoo League of Women Voters (LWV), with the purpose of educating new women voters and helping women take a larger role in government affairs. They also advocated for social issues such as improved sanitation, education of children, and better working conditions for women and children. The Kalamazoo County LWV was formed on July 20, 1920.

Ratification of the 19th Amendment secured voting rights for women, but many voters continued to be disenfranchised through violence, restrictive registration, fraud, poll taxes, and literacy tests. Another suffrage campaign resulted in the Voting Rights Act of 1965, which helped put a stop to these injustices by enforcing mechanisms to protect voting rights.

The modern LWV is a national non-partisan organization that encourages active and informed citizen participation in government. It does not support or oppose any candidate or political party, but rather supports issues after careful study. The LWV “Program” focuses on issues such as environment, diversity, equity and inclusion, and housing.

Today, the Kalamazoo LWV remains a strong advocate for voter education, voting rights, and voter protections. Ongoing Program activities include publishing a Voter Guide, available at [www.VOTE411.org](http://www.VOTE411.org), which contains non-partisan information about political races. It also conducts an award-winning program in Kalamazoo high schools to educate students on voting. As it moves into its second hundred years, members look forward to maintaining relevancy in a changing world by empowering voters and defending democracy.

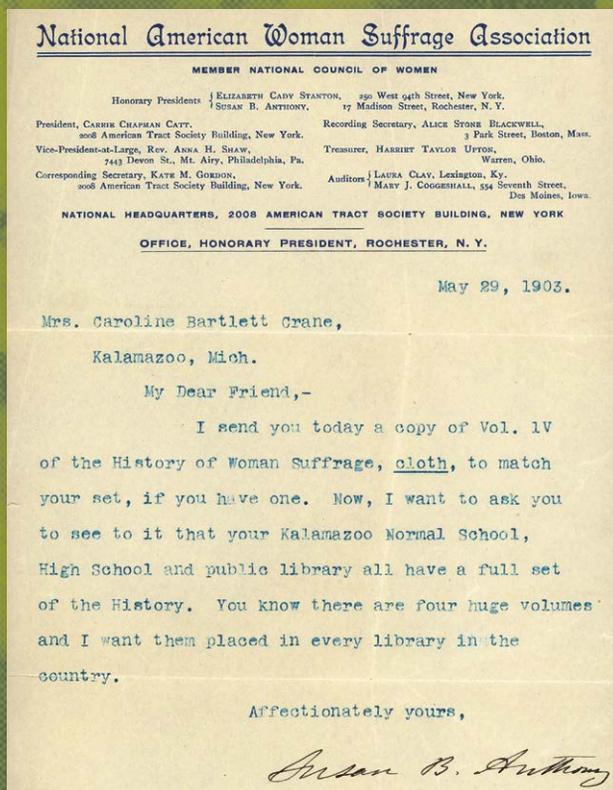


Image courtesy of the The Zhang Legacy Collections Center.



Dr. Caroline Bartlett Crane  
Photo courtesy of the The Zhang Legacy Collections Center.



Ida B. Wells, c. 1893

# Irving S. Gilmore International Keyboard Festival CELEBRATES 30 YEARS

THE  
GILMORE  
KEYBOARD FESTIVAL

For a city of fewer than 100,000 people, Kalamazoo boasts more than its fair share of unique cultural events. For classical music fans, perhaps the most significant is the Gilmore International Keyboard Festival, now in its 30th year.

This biennial event features two weeks of incredible performances and exceptional musical experiences offered by legendary artists and the best new talent from around the world. Past performers have included Van Cliburn, Harry Connick Jr., Chick Corea, Diana Krall, Peter Cincotti, Peter Nero, Alfred Brendel, and Michael Feinstein.

The Irving S. Gilmore International Keyboard Festival was created by trustees of the Irving S. Gilmore Foundation in order to promote and develop keyboard musical experiences that inspire artists and audiences. Beyond supporting its world-class music festival, the organization identifies exceptional keyboard artists through a non-competitive process and then provides support to enhance their careers, presents two distinctive recital series, and provides year-round education for children and adults.

Irving Samuel Gilmore was the youngest son of James F. Gilmore and Carrie Maria Sherwood Gilmore Upjohn. His father and uncle started Gilmore Brothers Dry Goods Store in 1884. The business gradually grew into Kalamazoo's biggest department store and attained a significant reputation in the merchandise world. Whereas his older brother, Donald, favored automobiles as a hobby and would go on to create the Gilmore Car Museum, Irving had a great love of music.

A concert-quality pianist himself, he helped others throughout his life by sharing his good fortune with those less fortunate.

Irving Gilmore found his greatest joy in the arts, for which he showed unwavering support. He not only helped gifted individuals express their unique talents, but encouraged others to support the creative expressions of the human spirit as both artists and audience. He knew that cultural and performing arts needed support to grow. He also knew that the arts offered powerful benefits. Indeed, Irving understood that the arts catalyze imaginative practices within and across community sectors.

Looking ahead, Irving Gilmore wanted to provide for his community in perpetuity, ensuring that his special personal philanthropy would live on. In 1972, he established the Irving S. Gilmore Foundation and arranged for it to receive the bulk of his estate upon his death. He passed away in 1986 at the age of 85, leaving Kalamazoo a wonderful legacy.

The next Keyboard Festival will be held in April and May of 2020, and highlights include Rene Fleming, Pink Martini, and 2018 Gilmore Artist Igor Levit. In addition to the Festival, the organization also sponsors the Gilmore Piano Masters Series. This exhibition of world-renowned pianists is presented in the beautifully restored Chenery Auditorium. The concerts are made possible by gifts from generous donors.



Left: Christopher Taylor  
Below: Rising Stars

*The upcoming Gilmore Film Series, April 22 through May 1, 2020, highlights pianos and the passion, music, and people they inspire. See our calendar or [kalamazoomuseum.org](http://kalamazoomuseum.org) for details.*



# The WALKER BROTHERS



Sally and Dewey “Dewey” Walker were married in 1971 and welcomed their son Ryan in 1975, followed by their son Keith in 1977. When Ryan was 4 days old, Sally sought out an orthopedic evaluation owing to stiffness in Ryan’s hips and elbows. That was the start of a three-and-a-half year search to find a diagnosis, which was finally delivered at Mott’s Children’s Hospital in Ann Arbor, MI. Ryan and Keith were diagnosed with enzyme-confirmed Mucopolysaccharidosis Type II (Hunter syndrome). Hunter syndrome is a progressive genetic disorder causing neurological and physical problems, including speech delay, hearing problems, and joint deformities.

There is no cure for Hunter’s Syndrome. Despite this diagnosis, Dewey and Sally worked to give their sons as many typical childhood experiences as possible, hoping to maintain Ryan and Keith’s skills as long as possible. The brothers played baseball in the Little League Challenger Division and basketball, bowling, and track and field in the Special Olympics.

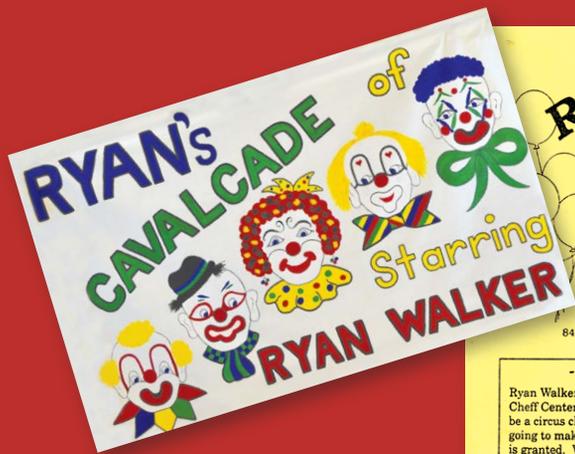
The boys also rode horses at Cheff Therapeutic Riding Center in Augusta, MI, and the relationship built with the Center’s founder, Bliss Brown, led to a unique opportunity: to fulfill Ryan’s dream of being a clown. Following a disappointing experience with the Ringling Bros. Circus, Brown put together Ryan’s Cavalcade of Clowns at the Center. Held in October 1991, there were more than 50 clowns, horseback vaulting teams, and a circus band. This free event featured Ryan as Funshine the Clown, who performed to a crowd of more than 1,300 people. Ryan wanted to make people happy, and to thank his friends at school who were so welcoming. With a little help from Bliss Brown, he was able to do that.

Ryan attended Parkwood Upjohn School in the Special Education Developmental Pre-Primary Program as well as the co-op preschool for half days. Keith attended the co-op preschool and regular kindergarten at Indian Prairie School. Due to the progressive nature of the disease, the education programs and services needed were constantly changing. Even with all of these services, Keith and Ryan were unmotivated and unhappy, and Sally and Dewey knew something needed to change.

The Walkers started exploring educational options, attending conferences and workshops on Supported Education (now known as Inclusion). Community Advocates sponsored speakers, including some from Canada. Canada had been successfully including children with special needs in regular classrooms for quite a few years, and though there were challenges, they had seen positive results.

While the United States was not yet enacting inclusive education across the board, in 1975, the Education for All Handicapped Children Act passed. This was a first, and it meant access to free appropriate public education in the least restrictive environment to each child with a disability. In 1976, the Michigan Mandatory Special Education Act reinforced the national mandate. These Acts were not made for inclusive education, however, and in 1990, most of the 1,000 special education students in Kalamazoo were in self-contained classrooms in regular school buildings.

The Walkers worked with Community Advocates to support the concept of inclusive education. It took one year of research and another year of working with the Kalamazoo Special Education



Banner advertising Ryan's Circus, 1991

**RYAN'S CIRCUS**

Sunday  
**Oct 20th**  
From 1:00 PM  
To 3:00 PM

At Cheff Center  
for the Handicapped  
8450 North 43rd Street just off M89, In Augusta

- Ryan -

Ryan Walker is a student at the Cheff Center who has a dream to be a circus clown. Cheff Center is going to make sure that his dream is granted. We would like to have hundreds of people at the center to enjoy a FREE afternoon circus. The arena at the center will be transformed for this one afternoon into the big top and lots of clowns will help Ryan fulfill his dream. Please come fill the stand to make this a special day for Ryan.

**Featured Under Ryan's Big Top Will Be . . .**

- FREE Refreshments, Balloons & Snacks!
- The Grand and Glorious Mid Michigan Galaxy of Clowns Alley 44.
- The Kalamazoo Shriners Clown Unit and the Ministry of Clowns.
- Jerry Evans The Magician.
- The Clown Prince of Magic Battle Creek Ring 89 Magicians.
- Horseback Vaulting.
- Tony the Tiger.
- Animals.
- A Circus Band.

**Ryan's Circus Is A Circus For Children Of All Ages . . . Come One Come All . . . For An Afternoon To Be Remembered!**

Congratulations  
Ryan!



Keith Walker at Hillside Middle School, 1991



Ryan Walker at Hillside Middle School, 1991

1991 Challenger League baseball team, Keith (left) and Ryan (right)



Director and the Principal of Lincoln Elementary School to develop a pilot program. The plan was that Ryan and Keith would begin attending regular classes near the end of the school year, riding the bus along with their neighborhood friends. The pilot program was unfortunately dissolved, and the boys went to South Middle School, where their special education classes were centered. Sally and Dewey saw that their sons were unhappy once again without their friends, so Sally decided to go to Superintendent Dr. Rapley, who set up meetings for her with the new special education director for Kalamazoo Public Schools.

Because of Sally's unending efforts, Ryan and Keith were enrolled in the Inclusive Education Program at Hillside Middle School in 1990, the first to do so in the city. Sally noted the difference in her sons.

The boys attended school dances, hung out at the mall with friends, and improved their social and communication skills. In January of 1991, the Kalamazoo Board of Education adopted a policy making inclusive education a standard option for special education students.

On February 4, 1992, Ryan passed away at age 16, and his brother Keith passed away on December 31, 1992. Sally and Dewey contacted the Museum's Collections staff in 2018 to see if there was an interest in adding some items representing their sons' lives to the Museum's collection. As a local story with linkages to local and international sports, and groundbreaking educational changes, we humbly accepted these pieces of their sons' lives.



January 25 to May 17, 2020

In *Wicked Plants: The Exhibit*, visitors explore a creepy Victorian home and learn about the world's most villainous plants that may be lurking in their own homes and backyards. History, medicine, botany, and legend are brought together to entertain and inform about the health effects on the human body, as well as the amazing evolution of some of Mother Nature's evildoers in the plant world.

This fun, educational traveling exhibit—based on author Amy Stewart's best-selling book, *Wicked Plants: The Weed That Killed Lincoln's Mother and Other Botanical Atrocities*—takes visitors through the fascinating world of plants and their amazing adaptations that can be harmful to people and animals. Thought-provoking and educational, *Wicked Plants* showcases plants associated with a myriad of health effects, including pain, addiction, obesity, allergies, cognitive impairment, and even death!

"Knowledge about the power of plants has been largely lost in Western culture. They're our original

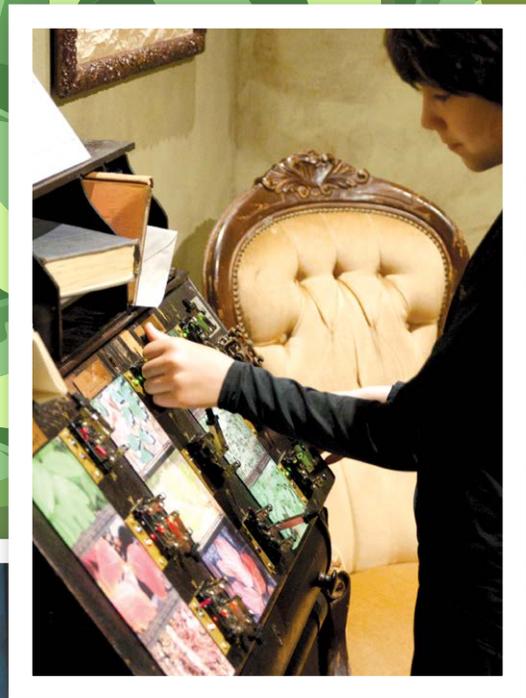
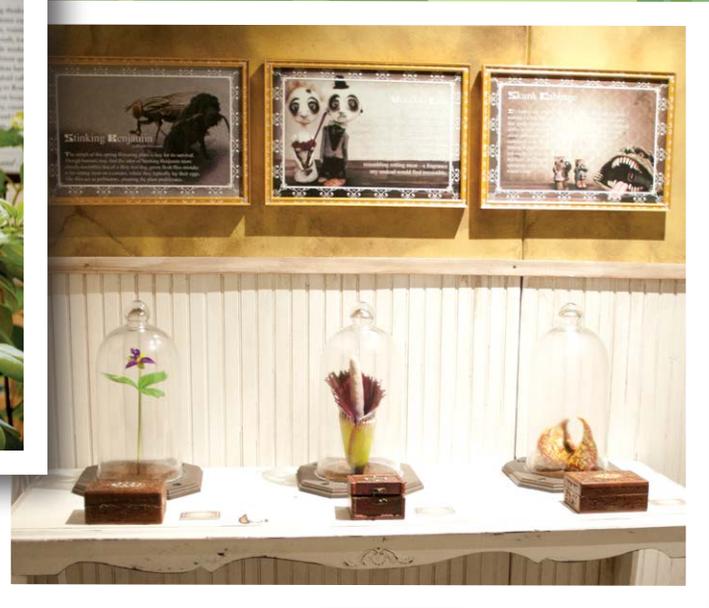
medicines and 'superfoods,' and they definitely deserve our respect," says Kalamazoo Valley's Director for Sustainable Food Systems, Rachel Bair. "This exciting exhibit will make you notice and think differently about the green things all around us."

In the exhibit, on display from January 25 to May 17, 2020, visitors will travel from room to room through a decrepit Victorian home and be introduced to the crime family of the plant world, the deadly nightshades. Step into the library and discover what happens when plants affect brain chemistry. Play mad scientist and deduce how various plants adapt to threats in their environment. Walk through the bathroom and learn about botanicals that stink, burn, and explode. From skunk to rotting meat to wet dog, these plants demonstrate the power of pungency in deterring predators. In the hallway, check out the collection of weaponry that uses plant derivatives to immobilize the heart and lungs.

*Wicked Plants: The Exhibit* is funded by The North Carolina Arboretum Society and the Creel-Harrison Foundation.



Amy Stewart





# Foodways Symposium 2020: **PLANT FORWARD**

With adventurous palates, open hearts, and active hands, the Foodways Symposium has tackled a different food culture theme each year for the past three years.

After all, is there anything more universal and yet completely unique than food? Experiencing someone else's food culture is like opening a door into the heart of their home—the kitchen.

Food is personal. In the past three years, we've learned that food is influenced by history, religion, geography, nature, politics, family, traditions, and much more.

For this fourth year, the Foodways Symposium team started talking about the future of food. We talked about environmental sustainability. We talked about micro greens and mega farms. We talked about nutrition. We talked about Kalamazoo's history as "Celery City" and the local importance of mint. We talked about wicked, awesome, tasty, weird, and vital plants.

This year's Symposium topic seemed to grow before our very hungry eyes. We are excited to explore, this April 3–4, the food culture topic of plants.

This free event will begin at the Museum on Friday, April 3, with a special keynote speaker. Enjoy tasty treats created by a local restaurant putting their mark on "plant forward" cuisine. Explore the works of artist Ellen Nelson and how she uses imagery of plants and food in many of her paintings. Ellen's work draws heavily from her experiences getting to know and teach others.

Saturday, April 4, the Symposium blossoms at the Marilyn J. Schlack Culinary and Allied Health Building at 418 E. Walnut in downtown Kalamazoo, with many community partners. Explore vendors, baking classes, cooking classes, lectures, workshops, and—of course—FOOD!

Free registration is required for participation in Saturday's classes and workshops. Learn more about this year's Symposium and registration at [kalamazoomuseum.org](http://kalamazoomuseum.org).

January 25 – May 17, 2020, visit the Museum exhibit *Wicked Plants*, based on the book by best-selling author Amy Stewart, to explore the villains of the plant world.



# KVM's Planetarium Dome: MORE THAN MEETS THE EYE

The Kalamazoo Valley Museum has a multitude of assets that we employ to help deliver educational and family-friendly content to the community. Of those, the planetarium is a space that in many respects is similar to a human: a complex entity comprised of numerous systems that each have a unique role to play.

For example, as humans, we have individual organs and specialized tissues such as our heart, stomach, and brain that, in turn, are part of the circulatory, digestive, and nervous systems. Each system and organ has a specific function that works to keep us alive and make us who we are. By comparison, a planetarium is also made of systems that perform specific tasks that enable us to offer unique multimedia experiences to our patrons.

Among our systems, our Digistar 6 computer platform is similar to the brain in that it controls many of the automated functions that must occur during any presentation. These include being able to play pre-recorded shows, present simulations, and illustrate the positions of the stars and planets accurately for any night or location on Earth within several thousand years.

In addition to our "planetarium brain," there are other systems that work together, such as a pair of high-end video projectors that present full-dome content, an RGBW (red, green, blue, white) LED lighting system, and a robust sound system. Similar to organs and tissues, our sound system is made up of components that process, amplify, and distribute audio signals out to our speakers. These surround-sound speakers are located behind yet another important system, the planetarium dome!

The dome is often the first system that people see when they walk into a planetarium. At first glance, these enormous half-spherical structures resemble the inside surface of a ball, but in reality, they are specialized projection screens engineered to address a multitude of functions and attributes. Domes are similar in many respects to another human organ, our skin.

Human skin permits us to sense the world through temperature, touch, and pressure. It is also the largest organ, which helps us regulate temperature and contains tiny pores. A dome is similar to

skin in that it is also the largest structure in the planetarium and is made of 197 aluminum panels, each riddled with hundreds of thousands of tiny perforations. These tiny holes mitigate sound distortion, help with air ventilation, and even permit light sources to project through the dome itself.

Planetarium domes, like skin, come in different color shades or pigments, such as white or gray. Specific colors and paint types enhance or reduce the amount of light reflected. As full-dome technologies have replaced slide projectors, many facilities have repainted their domes to a shade of gray to provide more contrast to what appears overhead, such as a feature presentation or starry night sky. However, like human skin, a dome needs to be cleaned and cared for.

For one week each September, KVM's planetarium closes for annual facility maintenance. This year, we elected to have our dome professionally cleaned. This might seem like a straightforward task, but there is more than meets the eye in regards to safeguarding the Museum's investment in a dome.

Planetarium staff must consider many factors. How will the surface of the dome be accessed or cleaned? What is the risk of physical damage to the dome panels in terms of dents, scratches, or discoloration? What types of equipment are required? Is the method safe? How long will the project take? Lastly, is the provider qualified and knowledgeable about planetarium domes? Since a replacement dome would cost nearly \$400,000, each of these questions was important in guiding this project.

In conclusion, our staff is mindful about the health and welfare of each of its planetarium systems. As stewards of the facility, we perform routine maintenance and occasionally consult with specialists to ensure that our facility is healthy and that all of its systems are working.

Like all living things, the magic of life lies in the interactions between others and their environments. We hope that you will join us for a tour of the night sky, take in one of our new planetarium shows, or attend our Statewide Astronomy Night Friday, April 17, 2020.



*Our planetarium dome is an assembly of 197 perforated panels that contain nearly 7500 tiny holes per square foot. Note that one of the lifts can be seen through those tiny holes from the back side of the dome.*



*Mark Perkins of Free Fall Technologies of Grand Rapids carefully vacuums the dome to remove dust that has accumulated on the dome and in the tiny perforations.*



*Accessing the upper portions of the dome required the lift to extend nearly 35 feet above the planetarium floor.*



*Working around the planetarium seats and our sloped floor required two types of lifts to clean our dome.*

# PAVING THE WAY FOR BARRIER-FREE ACCESS



*Please be sure to visit the Patient No More: People with Disabilities Securing Civil Rights exhibit, open February 9 – June 7, 2020. Discover a remarkable, overlooked moment in US history when people with disabilities occupied a government building to demand their rights and won.*

*This is the last original surviving curb cut, on the northeast corner of West Michigan and North Church, c. 1956. If you look carefully, you can see the steel handrails beside the light post. Today, the bases of the original pipe handrails are still visible.*

Today, sloped sidewalks known as curb cuts, designed to have walkways meet the street surfaces without having to step up or down, are almost everywhere. For most communities, these curb cuts were installed in the years following the 1990 signing of the Americans with Disabilities Act which mandated them.

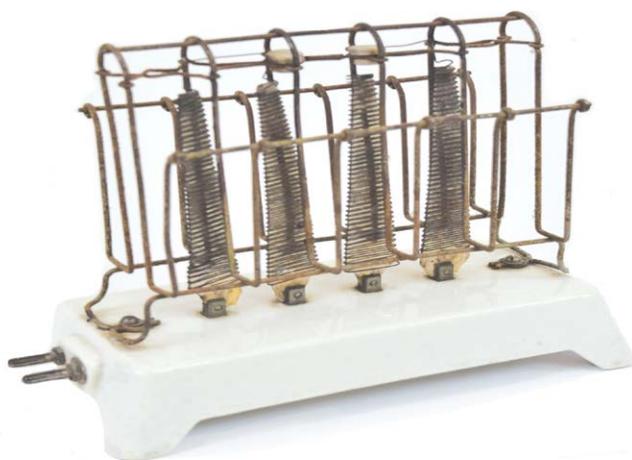
In 1945, both Battle Creek and Kalamazoo began projects to build ramps and/or to modify walkways by removing curbs with the initial purpose of helping veterans in wheelchairs navigate the “downtown district without being jostled over curbing.”

The Battle Creek Enquirer on August 5, 1945, reported that a \$300 project to build “ramps” near the downtown

hospitals was being pursued. The following month, on September 7, 1945, the Buck-Crosby Chapter Number 6 of the Disabled American Veterans petitioned the Kalamazoo City Commission to seek a similar project for its downtown. They noted that veterans, especially those confined to wheelchairs, wanted most to be able to access “church services, theaters, stores, restaurants, hotels, office buildings, etc.”

Regardless of the scale of each of these projects that were pursued nearly simultaneously, the end result paved the way to greater access, freedom, and quality of life for veterans and all other users 45 years ahead of the ADA. The images were shared by Sharon R. Ferraro, Historic Preservation Coordinator for the City of Kalamazoo.

# WHAT IS IT?



**1** Often referred to as “the barber pole of pharmacy,” this object hung in a storefront window to alert people of a drugstore or medical practitioner. What is it?

**2** This kitchen appliance was manufactured by General Electric and is helpful when making a popular breakfast staple. What is it?



**3** Mementos like this were often made by a family in mourning and were worn as a method of carrying one’s sentiments for the deceased. What is it?

**1.** Apothecary show globe. Apothecary show globes have been a symbol of pharmacy from 17th century England through the early 20th century in the United States. This particular globe hung as an example of these important pharmaceutical symbols in the storefront window of Disneyland’s Upjohn Pharmacy on Main Street USA from July 1955 to September 1970.

**2.** Toaster. Patented October 20, 1908, the model D-12 General Electric 2-slice toaster was the first commercially successful electric toaster. The porcelain base holds two electrical prongs connected to the metal toasting frame. The automatic pop-up toaster, which ejects the bread after toasting it, wasn’t patented until 1921 by Charles Strie.

**3.** Hair jewelry. Jewelry made of human hair were often made by a family in mourning out of the deceased’s hair. Unlike many other natural materials, human hair does not decay with the passing of time. These earrings were donated to the Museum by Wilhelmina DeVoe Clark in 1937.

# FEATURED EVENTS

Check out the full calendar at [kalamazoomuseum.org](http://kalamazoomuseum.org)

JAN

## TRAVELING EXHIBITIONS

### FILLING IN THE GAPS: THE ART OF MURPHY DARDEN

OCTOBER 12, 2019 – MARCH 29, 2020

Selections of longtime Kalamazoo resident Murphy Darden's art are assembled into four distinct themes: black cowboys, Darden's personal experiences in Mississippi, civil rights heroes, and the African American community in Kalamazoo.



### LEAGUE OF WOMEN VOTERS: THE FIRST 100 YEARS

DECEMBER 20, 2019 – APRIL 12, 2020

Learn more about women voters in Kalamazoo in a special community case within the main history gallery.



### WICKED PLANTS: THE EXHIBIT

JANUARY 25 – MAY 17, 2020

Explore a creepy Victorian home and learn about botany, medicine, and history through an interactive exploration of the villains of the plant world!

## PATIENT NO MORE

People with disabilities securing civil rights

### PATIENT NO MORE: PEOPLE WITH DISABILITIES SECURING CIVIL RIGHTS

FEBRUARY 9 – JUNE 7, 2020

This exhibit brings to light the stories behind an overlooked moment in US history: the fight for Disability Rights.

FEB

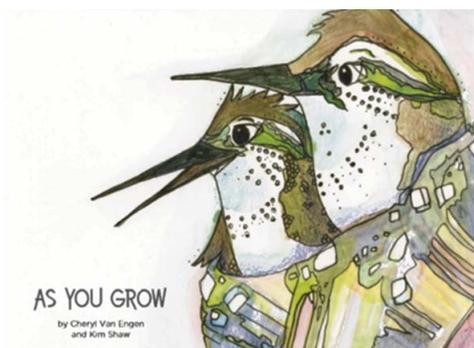
MAR

APR

## SPECIAL PROGRAMS

### CHILI COOK-OFF

January 25, 11 a.m. – 3 p.m.



### FOR THE BIRDS

February 22, 11 a.m. – 4 p.m.

Celebrate our local bird population, featuring local author Cheryl VanEngen and illustrator Kim Shaw of the recently published book *As You Grow*. Enjoy lots of special guests plus arts, crafts, music, and activities.

### SPRING BREAK

APRIL 6 – 10, 1 – 4 p.m.

### NO MISSING PIECES

Crafts and activities each day taken from a different picture book explore what it looks like to be included.

April 6: *The Invisible Boy*

April 7: *Beautiful Hands*

April 8: *The Proudest Blue*

April 9: *I Am Enough*

April 10: *The Big Umbrella*

### EARTH DAY ACTIVITY

April 18, 12 – 4 p.m.

Visit [kalamazoomuseum.org](http://kalamazoomuseum.org) for details.

### JUNETEENTH CELEBRATION OF FREEDOM

JUNE 20, 1 – 4 p.m.

Join us for a community celebration of the ending of slavery in the United States. Open to all ages, this event will include live performances, vendors, visual art, a lecture, and more.

### ART HOP FRIDAYS

Learn more on our website about our yearly Festivals that kick off during an Art Hop Friday.

January 10, *Fretboard Play-In Contest*

February 7, *Storytelling Festival*

March 6, *Fretboard Festival*

April 3, *Foodways Symposium*

May 1, *The Gilmore Keyboard Film Series*

June 5, *Summer Kickoff Event*

## PLANETARIUM

MONDAY – FRIDAY AT 11 a.m.  
SATURDAY AT 1 p.m.

January 4 – March 31

### Polaris: The Space Submarine

Join a polar bear and a penguin on an adventure to learn why Earth has seasons.

MONDAY, WEDNESDAY, FRIDAY,  
AND SUNDAY AT 2 p.m.

January 5 – March 30

### Flight Adventures

Learn about what makes airplanes fly.

TUESDAY, THURSDAY, AND  
SATURDAY AT 2 p.m.

January 4 – March 31

### Orion Nights

Learn about the stars and constellations that appear overhead in the winter sky.

DAILY AT 3 p.m.

January 4 – March 17

### Journey to Space

What will be the future of human space exploration in the post-shuttle era?

SATURDAYS AT 4 p.m.

January 4 – March 28

### Pink Floyd's Dark Side of the Moon

Full-dome imagery is set to the music of the all-time classic rock album

SUNDAYS AT 4 p.m.

January 5 – February 9

### Chasing the Ghost Particle

Learn about the search for subatomic particles at the IceCube South Pole Neutrino Observatory.

February 16 – March 29

### Secrets of the Sun

Discover the dynamic forces that power the Sun and its influence on its neighborhood, the solar system.

All planetarium shows are \$3/person



## CHILDREN'S LANDSCAPE

### EARLY CHILDHOOD EXPLORATION

**Monday – Friday 9 a.m. – 3 p.m.**

**Saturdays 9 a.m. – 5 p.m.**

**Sundays 1 – 5 p.m.**

*Extended hours and no Circle Time during holiday and school breaks.*

Adults with children five and under are invited to enjoy educational materials that support exploration, investigation, literacy, pretend play, social development, creative arts, math, and science related to Museum exhibits.

### January/February

#### Opposites

Explore opposites like up and down, in and out, and loud and quiet through a variety of activities.

### March/April

#### Let's All Play Together

Learn to share, listen, and respect children from around the world and here in your backyard.

### May/June

#### What I Want to Be

Investigate careers, explore your interests, and discover strengths through pretend and role playing.

### CIRCLE TIME PROGRAMS

**Monday – Friday at 10 a.m.**

**Saturdays at 11 a.m.**

These 20-minute programs are free of charge to families and preschool groups. Literacy-based programs may include musical activities, games, and an art project. Programs take place Monday through Friday at 10 a.m., and Saturdays at 11 a.m. Programs are designed for preschool children ages 3 to 5.



## MARY JANE STRYKER THEATER

### SUNDAY DISCOVERY SERIES

Join us for dynamic topics related to Museum exhibits and the community one Sunday a month at 1:30 p.m. **FREE**

### Woodstock: A Retrospective 50 Years in the Making

**January 12, 1:30 p.m.**

Isaac Turner takes a look at the music, the culture, and the people that became Woodstock.

### Civil Rights for People with Disabilities

**February 9, 1:30 p.m.**

Miranda Grunwell from Disability Network Southwest Michigan will provide an insightful look at the history of activism by people with disabilities and allies to secure the civil rights guaranteed to all Americans.

### The Right Stuff at the Wrong Time: First Lady Astronaut Trainees

**March 8, 1:30 p.m.**

Dr. Nicolle Zellner presents the little-known story of the First Lady Astronaut Trainees, including two women from Michigan, who passed the same tests undertaken by the famous "Mercury 7" astronauts but were not allowed to fly in space.

### MUSIC AND MORE!

## THE GILMORE

### KEYBOARD FESTIVAL

#### The Gilmore Film Series

A FREE, unique film series about pianos and the passion, music, and people they inspire.

**April 22 at 12:30 p.m.**

**12 Pianos**

**April 24 at 12:30 p.m.**

**Alexandre Tharaud, Le temps dérobé**

**April 25 at 12:30 p.m.**

**Magic Piano**

**April 29 at 12:30 p.m.**

**Living the Classical Life, Zsolt Bognár**

**May 1 at 4 p.m. and 7 p.m.**

**Alicia's Hands**

*For more information, please visit [thegilmore.org](http://thegilmore.org).*

## FESTIVALS

### FRETBOARD FESTIVAL PLAY-IN CONTEST

**January 10, 6 – 9 p.m.**

Talented area musicians compete before judges and the public for a chance to perform in the 15th Annual Fretboard Festival.

### 8TH ANNUAL STORYTELLING FESTIVAL: GROWING STORIES

**FEBRUARY 7, 5 – 8 p.m.**

**FEBRUARY 8, 10 a.m. – 5 p.m.**

Family stories that grow from one generation to the next, stories that sprout from another story, tales that connect us like vines, and stories bigger than us will entertain children and adults alike. Authors, publishers, and storytellers come together to help grow stories.

### 15TH ANNUAL FRETBOARD FESTIVAL

**March 6, 5 – 8 p.m.**

**March 7, 10 a.m. – 6 p.m.**

Join us Friday night for the Fretboard Festival Kickoff Concert featuring Cabildo. Saturday features instrument designers, workshops, and performances from area musicians celebrating Kalamazoo's luthier traditions.



### FOODWAYS SYMPOSIUM: PLANT FORWARD

**April 3, 5 – 8 p.m. at KVM**

**April 4, 10 a.m. – 4 p.m. at the KVCC Culinary and Allied Health Building**

The topic grows before our very hungry eyes as we cook, bake, learn, and eat together. Explore the cultural, environmental, and nutritional landscape of plant food culture from shared past to shared future.

*Learn more and register at [kalamazoomuseum.org](http://kalamazoomuseum.org).*

### STATEWIDE ASTRONOMY NIGHT (SWAN)

**FRIDAY, APRIL 17**

**5 – 8:30 p.m.**

Explore space with this unique, family-friendly night at the Museum! Planetarium shows, tours of the night sky, special guest speakers, hands-on activities, and more await you.

# New Acquisition: BOBBLEHEAD

Bobbleheads, which have also been referred to as nodders and wobblers, have appeared throughout history. During the 17th century, figurines of Buddha and other religious figures called “temple nodders” were produced in Asia. “Nodding-head” figures appear in Johann Zoffany’s famous 1765 portrait of Queen Charlotte in her dressing room in Buckingham Palace, where two figures sit as décor in the background. In 1842, writer Nikolai Gogol in the Russian short story *The Overcoat* refers to the main character as having a neck “like the neck of plaster cats which wag their heads.” And by 1901, small ceramic toys of animals with nodding heads were being produced in Germany.

As the popularity of these types of figurines grew in the 20th century, the first generic paper-mâché and ceramic bobbleheads were produced. Baseball players Roberto Clemente, Mickey Mantle, Roger Maris, and Willie Mays became the first non-mascot bobbleheads to be created. They were made of paper-mâché and were sold during the 1960 World Series. Bobbleheads also became popular not just as sports figures, but in pop culture as well. In 1964, the Beatles bobbleheads were made and quickly became one of the most popular and sought-after novelty sets of all time.

By the 1990s, new manufacturing processes allowed bobbleheads to be made from plastic instead of ceramic, which greatly reduced the expense and difficulty of creating quality bobbleheads. In 1999, a promotion by the San Francisco Giants offered a Willie Mays bobblehead to the first 20,000 visitors on May 9th to celebrate the 40th anniversary of Candlestick Park, which was the last year the Giants played at that stadium. The promotion went very well, and more teams began to offer bobbleheads as novelty items for their fans.

Since then, the market has risen exponentially to include many lesser-known cultural figures and notable people. National Bobblehead Day was even developed by the National Bobblehead Hall of Fame and Museum to celebrate all spring-connected head-bobbing figurines and is observed on January 7th each year.

This special hockey-edition bobblehead was a promotional giveaway to the first 1,000 fans through the door at the January 27, 2018, Kalamazoo Wings home game against Indy Fuel. The bobblehead depicts #25, Darren Archibald. Archibald spent parts of three seasons, from



2011 to 2016, with the Kalamazoo Wings and, as of the 2019–20 season, is playing for the Toronto Marlies in the American Hockey League.

The bobblehead was donated to the Kalamazoo Valley Museum in January 2019 by Sue Richardson, a longtime member of the Kalamazoo Wings Hockey Booster Club, after the close of the Museum’s special exhibit celebrating the first 45 years of the Kalamazoo Wings. After loaning it for the special exhibit, she graciously offered to donate it, making Sue’s gift the first bobblehead to have ever been added to the Museum’s permanent collection!

# OCEAN BOUND!

May 30 – September 13, 2020

OCEAN BOUND! takes you on an exploration through our watersheds, oceans, aquatic animals, and the ecosystems that depend on them. This interactive exhibit shows us how our everyday actions on land affect our environment.

*This exhibition was created by the Sciencenter of Ithaca, New York, with funding from NOAA, the National Oceanic and Atmospheric Association.*



## The Forgotten Fighters of the Kalamazoo Boxing Academy



**The Kalamazoo  
Boxing Academy**

June 20, 2020 –  
January 3, 2021

From the late 60s to mid 80s, Kalamazoo was a mecca for boxing, and the KBA was renowned as one of the best gyms for professional and amateur fighters throughout Michigan. Find out why in this electrifying exhibit.

*Original artist: Gene Cross*

# CAMP911



TUESDAY, JULY 7 OR TUESDAY, JULY 14  
9 a.m. – 4 p.m. **FREE!**

This is an interactive camp designed to educate children on the importance of emergency preparedness. Participants will learn cardiopulmonary resuscitation (CPR), how to access the 911 system, basic first aid, fire safety, bike safety, abduction awareness, severe weather action, and gun safety.

Each one-day camp will take place at the Kalamazoo Valley Museum. Limit 25 students, ages 9 to 11.

**REGISTRATION REQUIRED AT**  
**lifeems.com**

Registration opens May 1, 2020  
For more information, or to learn of other dates and locations, contact Kimberly Middleton at 269.373.3116 or at [kmiddleton@lifeems.com](mailto:kmiddleton@lifeems.com).

Sponsored by Life EMS Ambulance in partnership with the Kalamazoo Valley Museum.

*Cut and keep for Spring Break*

## SPRING BREAK: NO MISSING PIECES

Until we recognize and include all members of our community, none of us will be whole. Explore crafts and activities, inspired by picture books, that help us discover what it looks like to be included with our uniqueness intact.

**April 6:** *The Invisible Boy* by Trudy Ludwig. Brian feels invisible and left out. Discover how he becomes part of the class.

**April 7:** *Beautiful Hands* by Kathryn Otoshi and Bret Baumgarten. Learn how hands can do wonderful things.

**April 8:** *The Proudest Blue* by Ibtihaj Muhammad. The first day of wearing hijab is important. It means being strong.

**April 9:** *I Am Enough* by Grace Byers. Uncover the beauty of being kind to others and loving and respecting yourself.

**April 10:** *The Big Umbrella* by Amy June Bates and Juniper Bates. With a little flexibility, there is room for everyone.

## FESTIVAL SEASON IS HERE AGAIN!

### FRIDAY AND SATURDAY, FEBRUARY 7 – 8

This all-ages festival features professional storytellers, musicians, and authors. This year's theme is *Growing Stories!*

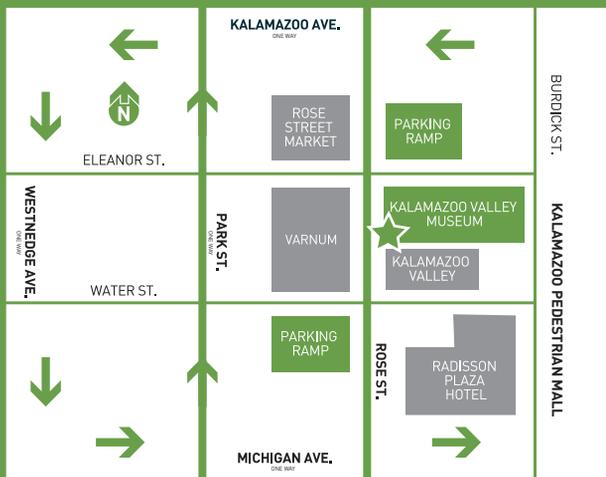


### FRIDAY AND SATURDAY, MARCH 6 – 7

Instrument designers, workshops, and performances from area musicians, now in its 15th year!

Festival admission and all performances and workshops are **FREE**.  
See our website for more details.

The Kalamazoo Valley Museum will open at 1 p.m. on January 1 & 3. The Museum closes at 3 p.m. on February 13.



### FREE GENERAL ADMISSION

Monday–Saturday 9 a.m.–5 p.m.  
Sunday + Holidays 1 p.m.–5 p.m.  
Closed: Easter, Thanksgiving,  
Christmas Eve, and Christmas

### Kalamazoo VALLEY Museum

230 North Rose Street  
Kalamazoo, MI 49007

269.373.7990 | 800.772.3370

[www.kalamazoomuseum.org](http://www.kalamazoomuseum.org)

[/KalamazooValleyMuseum](https://www.facebook.com/KalamazooValleyMuseum)

[@kalamazoomuseum](https://twitter.com/kalamazoomuseum)

Accessible environment. Sign language interpreters may be scheduled with a minimum of two weeks' notice. Assisted listening devices are available in the planetarium and Theater. Sensory tools are available at the front desk and in the planetarium.



The Kalamazoo Valley Museum is operated by Kalamazoo Valley Community College and is governed by its Board of Trustees

