

ARTS & SCIENCES

from the museum of arts & sciences, in association with the smithsonian institution
winter 2021



INSIDE: *Napoleon Bonaparte* represented
in the *East Meets West* exhibit at MOAS

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Bottom Fan - France, Folding Fan Depicting the Life and Death of the Emperor Napoleon Bonaparte, 19th Century, wood, color lithograph with hand colored detailing, mother of pearl. Gift of Kenneth Worchester Dow and Mary Mohan Dow. 94.01.685



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LETTER FROM THE EXECUTIVE DIRECTOR

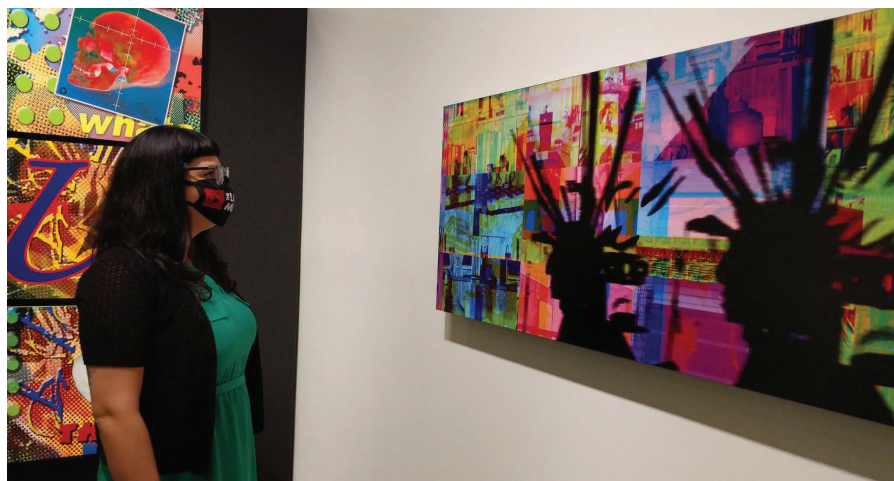


Photo Credit: Visitor enjoying John Wilton: A Graphic Approach, Four Decades Under the Florida Sun on view in the Karshan Center of Graphic Art until February 7, 2021



ANDREW SANDALL

Usually one of the easiest parts of my year is sitting down to write this letter for Arts & Sciences Magazine as I can simply look back on all that we have undertaken here at the Museum over the last 12 months while looking ahead to the exciting things we have planned for 2021. I think we can all agree that this has been a year like no other, and one that will give us much to reflect on for many reasons. Of course, we started the year on a high with our traveling *The World of Frida and Billie Holliday at Sugar Hill: Photographs by Jerry Dantzig* exhibits seeing great numbers of visitors coming to celebrate two legends of the fine and performing art worlds. Both our staff and our wonderful Guild members really were looking forward to what was shaping up to be a record-breaking year for MOAS, and we had so many great programs and experiences lined up for our visitors and members when seemingly the world changed overnight.

I have talked several times in these pages about how we had to quickly adapt and find ways to serve our community when our buildings suddenly became unavailable to us,

but I think what 2020 has shown us once and for all is that the greatest resource we have here at the Museum is our people.

Our Board of Trustees has been just amazing to work with throughout all of this, offering both counsel and encouragement whenever needed, and never panicking in the face of unprecedented challenges. Our volunteers have stayed in touch and demonstrated that their commitment to our work here is not wavering, despite us having only limited opportunities to be able to come work with us due to the reduction of in-person programming we have had to institute. Our Guild members made the difficult but correct choice to postpone the Halifax Art Festival this year. I know it was a heart-wrenching decision for them to make. It made the success of their safe and socially-distanced golf tournament back in October, which broke records this year, that much sweeter.

And I want to thank you, our members, for your continued support of our work and staff here. It is hard to overstate how much your faith in us has meant to us all at the Museum. The notes, cards, phone calls, and comments we have received really have been great boosts for our morale. It has been so gratifying

to see membership renewals keep coming in, giving us a vital source of income during these difficult times, even though we know not everyone feels able to attend the Museum in person right now and knowing that our programming has to remain somewhat limited for now.

Lastly, I want to pay tribute to our wonderful staff here at MOAS. They have been an inspiration to me since the day we met to announce that we would have to close to both staff and visitors back in mid-March and their instant response was to begin planning ways to bring the Museum to our community online. Since re-opening in May their creativity, commitment, and the passion they bring to their many and varied jobs here has been truly awe-inspiring. I have always been a big believer in the adage that adversity doesn't build character, it shows character. And if this year of dealing with the pandemic has

taught me anything it's that our MOAS community has a LOT of character! Ordinarily, this would be the point in my letter where I would enthuse about our upcoming schedule into the New Year and as you will find in these pages, we definitely have some great programs and exhibits planned in 2021. Naturally, the COVID-19 pandemic looms large in all our planning right now and until we have some control over the virus that gives us a clear path to getting back to large in-person gatherings. As I write this, we have had some good news about promising results from vaccine trials, but as always the feelings of optimism are constrained by our experience of how quickly things have changed in the last nine months and how the path we all take continues to evolve.

Our planning for 2021 assumed things would be improved in the second half of the year and news like that of the successful vaccine trials give us hope

that when I sit down in 12 months to write my letter for the magazine we are concentrating on the future and not the past.

Whatever 2021 brings, I want to take the opportunity to thank you all for your support and faith in us here at MOAS. We continue to be committed to bringing our community innovative, enjoyable, and enriching programs, whether they be educational or more social, and I hope that 2020 has shown you not only the level of our commitment but also the capabilities of the fantastic team of staff, trustees, and volunteers that we have build here at the Museum.

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ABOUT THE MUSEUM OF ARTS AND SCIENCES

The Museum of Arts and Sciences is a not-for-profit educational institution, chartered by the State of Florida in 1962 and accredited by the American Alliance of Museums. Museum collections and research include Cuban and Florida art, American fine and decorative arts, European fine and decorative arts, pre-Columbian and African artifacts, Pleistocene fossils, Florida history and regional natural history. Permanent and changing exhibitions, lectures, and classes highlight educational programs. The Museum houses changing arts and sciences exhibition galleries, permanent collection galleries, a gallery of American art, paintings, decorative arts and furniture, the Charles and Linda Williams Children's Museum, the Cici and Hyatt Brown Museum of Art, the Cuban Fine and Folk Art Museum, the Lowell and Nancy Lohman Family Planetarium, library, the Frischer Sculpture Garden, maintains nature trails in a 90-acre preserve in adjacent Tusawilla Park, and operates Gamble Place in Port Orange.

The Museum of Arts and Sciences is recognized by the State of Florida as a cultural institution and receives major funding from the State of Florida, Department of State, Division of Cultural Affairs and the Florida Council on Arts and Culture.

Major Museum programs and activities for members, school children and the general public are also supported by grants from the County of Volusia, the Guild of the Museum of Arts & Sciences, Elfun Community Fund, and over 30 Major Sponsors from the community.

MUSEUM HOURS:
10 a.m. - 5 p.m. Monday through Saturday
11 a.m. - 5 p.m. Sunday

The Museum of Arts and Sciences is committed to the Americans with Disabilities Act by making our facility and programs accessible to all people. If you have any special requirements, suggestions, or recommendations, please contact our representative, Executive Director, Andrew Sandall, at 386.255.0285. If you prefer, you may contact the Cultural Council of Volusia County representative at 386.257.6000, or the Division of Cultural Affairs, The Capitol, Tallahassee 850.487.2980, or TT 850.488.5779.

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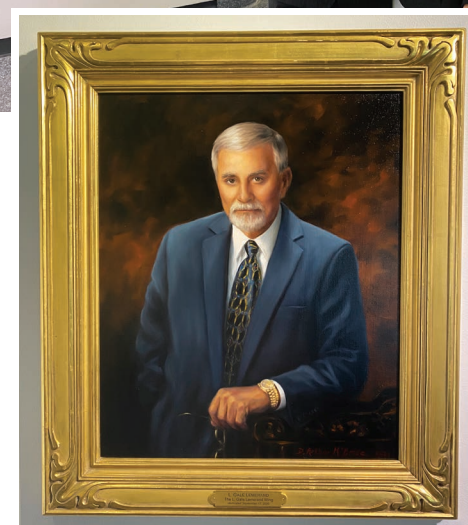
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L. GALE LEMERAND WING

THE UNVEILING OF THE *L. Gale Lemerand Wing*

On September 17, 2020 the Museum honored L. Gale Lemerand for his \$1.3 million donation to the Museum's endowment with the unveiling of his portrait that hangs at the entrance to the L. Gale Lemerand Wing. The portrait, which was commissioned by the museum's trustees, was painted by artist Darlene Williams of Havana, Florida who has a respected track record of painting great Floridians.

This generous gift to the Museum's endowment was made by L. Gale Lemerand in December 2019. The impact of this gift will be tripled by the two-to-one endowment match being provided by Cici and Hyatt Brown.



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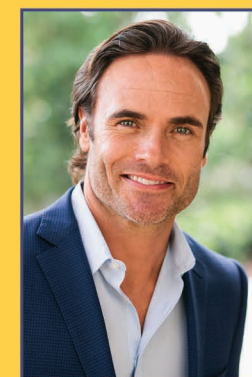
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Off the Beaten Path in VOLUSIA COUNTY

The COVID-19 pandemic has really placed a halt on major travel plans. No exotic cruises, trips to Europe, or flying to see relatives. What can you do that is safe, fun, and educational? Let's explore some of the places that are off the beaten path that even most locals do not know about. There are some really cool historic places that are safe, educational, and even better, free. By exploring the nooks and crannies of our county we can learn more about our local history and environment. Let's check out some of these unusual places.

GREEN SPRINGS

994 Enterprise-Osteen Road | Deltona, FL

Let's start in the west part of the county on Lake Monroe. Green Springs in Enterprise, Florida is an unusual spring that has a bright rich green color and gives off a strong smell of sulfur. This 36-acre park is replete with walking and biking trails, and connects to the Spring-to-Spring bicycle trail. Beautiful oaks draped in Spanish moss lean over the boil and spring run to Lake Monroe. Dappled rays of sunshine penetrate into the mysterious green waters. The overall impression is otherworldly. The history of Green Springs stretches back to paleo-Indians over 6,000 years ago. In the early 1840s, pioneers discovered the Green Springs that they believed contained healing properties. From 1858 to 1900, several lodging facilities sprung up that provided housing and access to the healing waters for northern tourists.



One famous lodging facility was the famous Brock House Hotel built in 1856 by steamboat captain and riverboat pioneer Jacob Brock. He would transport tourists from all over the world from Jacksonville to his hotel with his steamboat. Their stay included

the nearby springs for fun, healing, and relaxation. Famous people like Ulysses S. Grant, the Vanderbilts, Harriet Beecher Stowe, and Henry DeLand were all guests at the Brock House where they participated in fishing, hunting, and of course, swimming in the healing waters of the Green Springs. A visit today includes biking, hiking, and picnicking, but swimming is not allowed. Green Springs is located at 994 Enterprise-Osteen Road in Deltona, Florida.



DEBARY HALL HISTORIC SITE

198 Sunrise Blvd. | DeBary, Florida

About five miles down the road from Green Springs is DeBary Hall Historic Site. In 1871, Frederick DeBary, the Mumm's Champagne Agent for North America, built this 8,000 square foot Victorian hunting lodge. After his wife passed away, he ventured down to Florida on a hunting and fishing trip where he stayed at the famous Brock House Hotel. He fell in love with the area and purchased 10,000 acres to build his winter retreat which reflected the excesses and grandeur of the Gilded Age. In addition, he developed a major steamship line on the St. John's River and pioneered the local citrus business industry. The three-story Victorian home had a primitive form of electricity, floor to ceiling windows, an icehouse, and stables for the horses. Today, this restored historic house museum is a great place to learn about life on the St. John's River. If you visit, it is located at 198 Sunrise Blvd., DeBary, Florida.

LAKE WOODRUFF NATIONAL WILDLIFE REFUGE

2045 Mud Lake Rd. | DeLeon Springs, Florida

Moving north along the St. John's River, the Lake Woodruff National Wildlife Refuge is one of the best places to hike, observe wading birds, and view beautiful vistas. In 1823, Major Joseph Woodruff sold the property to Colonel Orlando Rees and he developed Spring Garden Plantation where he raised corn and cotton. In 1831, the famous ornithologist and artist, John James Audubon visited the area for a weekend as he was searching for Florida birds for his magnificent art book, The Birds of America. Not long after his visit the Second Seminole War erupted, and the plantation was burned. In 1952, an agricultural group invested in levees and impoundments to grow rice, but the adventure failed. In 1964, the acreage was handed over to the federal government as conservation land and was opened to the public in the early 1970s. Today the refuge makes up 30,000 acres of marshes, lakes, swamps and is home to over 234 species of birds. It is an important resting stop for birds on the flyway between South and North America. There are three shallow impoundments and over 50 miles of waterways and 6.5 miles of trails. You can walk or bike on the dikes surrounding the water impoundments. Bring your binoculars as the vistas are breathtaking. It is located at 2045 Mud Lake Rd, De Leon Springs, Florida.



THE OLD DAYTONA-DELAND ROAD

Located in the Tiger Bay State Forest

The Old Daytona-DeLand Road is an important historic road that connected the county's most populous city, Daytona Beach, to the county seat in DeLand. Originally a simple sand path through the palmettos, a trip by horse and cart to conduct important business at the courthouse took six to eight hours and required an overnight stay before returning the following day. Once the horseless carriage became the norm, better roads were required. In 1917, the Daytona to DeLand Road was paved with bricks and the improved road was renamed the Pershing Highway after General John J. Pershing. Today U.S. 92 parallels its original path. Remarkably, the firestorm of 1998 burnt the forest debris and exposed part of the original brick road. Today, a portion of the road can be hiked or driven on. This transports the visitor back in time to when travel was an effort, and not just a half hour drive between the cities. It is located in Tiger Bay State Forest approximately seven miles west of Daytona Beach off of U.S. 92.



CANAVERAL NATIONAL SEASHORE

Parking Lot 8 at 7611 South Atlantic Avenue
New Smyrna Beach, Florida

Another great day trip is to head to the Canaveral National Seashore and visit the ghost town of Eldora, Florida. The only extant building is the beautiful Eldora State House which overlooks the

marshes and waterways of the Mosquito Lagoon. It houses a museum where visitors can learn about the settlement. Originally, the town was established in 1877 and consisted of roughly 100 pioneering people who made a living growing citrus, fishing, and collecting saw palmetto berries. During the great Florida freezes of 1894 and 1895, the temperatures dropped to 17 degrees in the area for multiple days and wiped out the citrus industry in the town. After the Florida East Coast Railroad bypassed the town, the pioneer community began to decline.



What happened to the town? Many of the homes changed hands as the original residents sold their homes to wealthy northerners who were looking for a fishing paradise. The Great Depression hastened the community's decline and the last resident left during this era. The Eldora State House was built in 1912 and was known originally as Moulton's Place. Take a stroll through 100-year-old oaks to see the great vista of the Mosquito Lagoon and the restored Eldora State House. There are some short walking trails, but it is the view of the lagoon that is mesmerizing. The town of Eldora is located at near the end of the Canaveral National Seashore Parking Lot 8 at 7611 South Atlantic Avenue, New Smyrna Beach, Florida.

INSTONE HOUSE

Located in Oak Hill, Florida

On the mainland side of the Canaveral National Seashore is the Seminole Rest Historic House located in Oak Hill, Florida. It is built on a waterfront Timucuan shell mound dating back 4,000 years. This late Victorian style home, called the Instone House, is attributed to Hatton Tumor who owned it from 1890 to 1911. There is some speculation it may have been constructed somewhere else and moved to top of the shell mound to save it from being used as road fill for the railroad. This was great foresight by Hatton Tumor as the majority of shell mounds in Volusia County were destroyed or partially destroyed. In 1911, Wesley H. Synder purchased the home, and it remained in his estate until the 1990s. Seminole Rest was donated to the Nature Conservancy and then became part of the Canaveral National Seashore. Even if you cannot visit the inside of the house, the grounds are beautiful and natural. From Route 1 in Oak Hill, turn east at light on Halifax Avenue, then north on River Road to the entrance about 1.5 miles from Route 1. Check their website for more information about its hours of operation.

This is just a smattering of the historic places that are off the beaten path that are easy to find, free to visit, and safe during the ongoing COVID-19 pandemic. As far as entry into any of the houses, please check with management to make sure they are currently open to the public. These places are perfect for the nature lover and history buff as so much of what to see is outside with huge open spaces and very few visitors. History and Florida's natural environment make these off the beaten path places a great combination during a time when it is hard to travel. If you want to feel like you are a million miles from nowhere, I highly recommend packing a lunch and enjoy the views.





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Napoleon Bonaparte and the *Early 19th-Century Cult of his Celebrity*

Currently on view in the Bouchelle Changing Gallery at the Museum of Arts & Sciences is an exhibition titled *East Meets West: Decorative Hand Fans from Europe and China in the MOAS Collection*.

A subset of the hand fans on view here includes some fascinating Napoleonic-era fans that appear to be souvenirs celebrating the life and legacy of probably France's most famous leader. A "reading" of some of the scenes depicted on these fans provide an engaging look into the last years of the Emperor-in-exile and reveal an enduring legend in the making.

Napoleon Bonaparte I (fig. 1) dominated Europe and ruled France as emperor and military commander from 1804-1814 and again, briefly, in 1815. After his defeat at Waterloo in June 1815 at the hands of Belgian, British, and Prussian Allied forces, he abdicated in favor of his only son who was four years old. The young Napoleon II would never rule, either through the regency of his mother Empress Marie Louise or otherwise, and Louis XVIII (the brother of Louis XVI who was guillotined during the French Revolution) became King of France. First exiled to the island of Elba off of Tuscany, Napoleon organized an escape and returned to France to attempt to reclaim the throne. Defeated again after 100 days, he was this time sent to St. Helena, a small island under British rule in the middle of the Atlantic Ocean. After a journey of nine weeks at sea, he arrived at St. Helena in October of 1815 with a retinue of at least twenty people, including some of his devoted generals, noblemen, and their families and servants. Their residence was an estate known as Longwood House (fig. 2) where the former emperor would ride horses, read from his extensive 600-volume library, dictate his memoirs to his companions, and even take up gardening. He is said to have propagated agapanthus flowers in red, white, and blue after the colors of the French flag in his garden.

On May 5, 1821, Napoleon died at the age of fifty-one of what was officially recorded as a stomach ulcer. On May 7, a plaster mold was made of Napoleon's face which was subsequently copied (MOAS has one of these copies). On May 10, Napoleon was buried in a valley close to Longwood, known as Geranium Valley. At the end of May, the Emperor's last companions-in-exile left St. Helena on a British ship, *Camel*, and arrived in Europe on August 2, 1821. In a couple of years time, the memoirs Napoleon had dictated to his friends and confidants would reach publication and, in particular, Las Cases's *The Memorial of St. Helena* would fascinate the European public in the years following Napoleon's death and it was translated into eight languages. In it, Las Cases collected together the thoughts of Napoleon as heard during the many conversations they had shared starting from the boat journey to St. Helena until Las Cases left the island in 1816. It also chronicled daily life at St. Helena. As an admirer of the Emperor, Las Cases painted a flattering portrait of the prisoner and attempted to cast as 'difficult' the living conditions imposed upon him by the governor of the island, Sir Hudson Lowe. Having quite literally been a 'legend in his own time,' the cult of



Fig. 1 - Jacques Louis David (French, 1748-1825), Portrait of Napoleon I in his Coronation Robes, c. 1807, oil on panel, Harvard Art Museums



Fig. 2 - From 1815 to 1821 during his exile on St. Helena Island, Napoleon Bonaparte lived at Longwood House. Today the building is a museum owned by the French government. Image Credit: David Stanley from Nanaimo, Canada



Fig. 3 - France, Folding Fan Depicting the Life and Death of the Emperor Napoleon Bonaparte, (side 1) 19th Century, wood, color lithograph with hand colored detailing, mother of pearl. Gift of Kenneth Worcester Dow and Mary Mohan Dow. 94.01.685



Fig. 4 - France, Folding Fan Showing Apotheosis of Napoleon, 19th Century, tortoiseshell and hand colored lithograph. Gift of Kenneth Worcester Dow and Mary Mohan Dow. 94.01.684

Napoleon after his death was now seeded to flourish throughout the nineteenth century.

The Museum's three Napoleonic fans have been dated to this era and pay testament to the cult of celebrity around the Emperor and, especially, his years of exile and eventual death on St. Helena. In the fan pictured above (fig. 3), we see three scenes depicted on one side – Napoleon alive

by the fireside at his campsite reviewing his famous battle plans with cannon, caisson, and military tents behind him, followed by Napoleon in death symbolized by his tricorne hat and sword on the ground under a tree receiving celestial beams from above as a waterfall next to his tomb is visible in the background. Finally, in the fan pictured above (fig. 3), the third vignette shows a winged allegory of 'Time' sketching the bust of Napoleon which is placed

within a small temple inscribed with the word 'Immortalité.' Each of these small vignettes includes symbols leaving no doubt about who is portrayed and what location is being represented. Napoleon's military prowess needs no more than a depiction of him at camp with plans unfolded on his lap and troops and artillery behind to remind of his many great battle victories for France. And the laurel wreath placed above his gravesite beneath the weeping willow trees of St. Helena reminds that for most of his life France was grateful for Napoleon's service to the country. Finally, in the third vignette, his bust has the royal eagle – a reference to Napoleon as the heir to the great Roman Empire – placed in front of it and all three scenes are draped with golden garlands of flowers, perhaps also a reference to Geranium Valley where the tomb is located.

Another fan in the collection is equally symbolic. In this fan (fig. 4) only one scene is depicted on the front side – one that would have been recognized in its day as the 'apotheosis' of the Emperor. Napoleon, in his full royal regalia, is elevated on a cloud of smoke in the center of the composition, indicating his ascension to a deified position in heaven. His royal eagle at his feet is attempting to bestow the crown on his very young son who is at his mother's feet. This is the



Fig. 5 - France, Folding Fan Depicting the Life and Death of the Emperor Napoleon Bonaparte, (side 2) 19th Century, wood, color lithograph with hand colored detailing, mother of pearl. Gift of Kenneth Worcester Dow and Mary Mohan Dow. 94.01.685

Empress Marie Louise of Austria, Napoleon's second wife, who had unsuccessfully attempted the installation of their son on the throne. She weeps and reaches out for the former Emperor as he ascends to heaven. St. Helena's Longwood House is depicted in the background as well as flowers indicating Geranium Valley and one, in particular, in red, white, and blue which could be a reference to Napoleon's efforts to memorialize France's national colors in his garden.

Longwood House and Geranium Valley also appear on the reverse of this fan (fig. 5) which has a scene amplifying the death and apotheosis of Napoleon as a Grecian winged figure with a bow and arrow rides atop a large Emperor moth associated with both regal status as well as death. This is most likely the

Greek messenger god Hermes (Mercury, to the Romans) who escorted souls to the afterlife.

In 1840, King Louis-Philippe organized the return of Napoleon's remains to Paris, which are now buried under the Dome of The Invalides. It took twenty years of repeated requests but, finally, several of Napoleon's companions – including those who had memorialized him in print – were able to travel to St. Helena to exhume his body in October of 1840 and bring it home to a specially built crypt where his body was finally laid to rest.

One of the major events of the day, thousands came to the installation of the body of Napoleon in his tomb at the Invalides in Paris. Are the Museum's fans perhaps souvenirs purchased by attendees -- or

given to the honored -- at that famous event? Or were they obtained by visitors who made the pilgrimage to St. Helena? As remote as the island was, especially in the days when it was only accessed by sea, it is recounted that many actually did make the journey to see Napoleon's famous resting place on St. Helena. With decorative, everyday objects such as hand fans from centuries past, we rarely are left the history of their provenance so these are questions we may never answer. But, as humble as they are, these fans do much to enlighten us about the popular veneration for a famous figure in the past and show that there is truly nothing new under the sun regarding the "cult of celebrity" and how it is spread.

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WINTER EXHIBITS



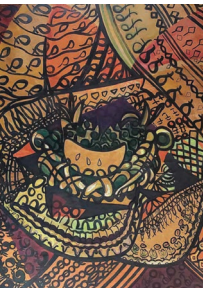
western music, and rock 'n roll, ultimately serving as a catalyst for popular culture. Visitors will experience the artistry, history, design, and cultural influence of the guitar. Along with 40 distinct instruments that showcase the rare and antique to the widely popular and innovative, *Medieval to Metal* includes dozens of photographs and illustrations that depict significant musicians and instruments of the last century. *Medieval to Metal: The Art & Evolution of The GUITAR from the National GUITAR Museum in New York is an exciting and engaging experience that gives visitors the opportunity to interact with the guitar from the perspective of history, evolution, and design - and the lasting music it has created.* Image Credit: Teisco/Kimberly Apollo Greenburst; Apollo Greenburst, 1969, design by Teisco, manufactured by Teisco/Kimberly; Courtesy of The National GUITAR Museum



the Netherlands. With Still Lifes as his specialty, Frank Spino brings vibrant radiance to the simplest of subjects. Image Credit: Frank Spino, Key Lime #1, Watercolor on paper, Courtesy of the artist

MEDIEVAL TO METAL: THE ART & EVOLUTION OF THE GUITAR
OPEN THROUGH JANUARY 10, 2021
FORD GALLERY

Highlighting the single most enduring icon in American history, *Medieval to Metal: The Art & Evolution of The GUITAR*, explores all aspects of the world's most popular instrument. The exhibition covers the guitar's history beginning in the Middle Ages with European and Asian instruments such as the oud and lute to its position as a key accompaniment for traveling performers, its pivotal role in blues, country



backgrounds who have been collected by Cuban-born American businessman Leonardo Rodriguez and his family. Image Credit: Amelia Pelaez (Cuban, b. 1896-1968), *Still Life*, 1945; gouache on paper, Collection of Leo Rodriguez, Courtesy of the Kendall Art Center



While participating in over 100 group and 40 solo shows, John Wilton has been a fixture in the Central Florida art scene for decades, as an instructor, selling artist, festival jurist and arts project supporter on community councils. His paintings, collages, sculpture and mixed-media works layer images from mass culture with hand-painted and digital passages that are reminiscent of mid-to-late twentieth century Pop Art. This exhibition focuses on his multiple print series including *Seaquest*, a Pop-inspired look at the abundant life on Florida's reefs. Image Credit: *Three Angels*, John Wilton



shimmering of light on water is matched by reflections of leafy trees creating lacey patterns. In her sculptures, she opts for simple, smooth materials which she shapes into whimsical forms based on nature that exude personality and grace. Her paintings and sculptures paired together celebrate our natural world in pattern, color and texture. Image Credit: *Luminous Passage 3*, Candace

WOMEN ARTISTS FROM THE RODRIGUEZ COLLECTION
OPENING JANUARY 23 – APRIL 25, 2021
FORD GALLERY

A selection of contemporary works in a variety of media coming to the Museum of Arts & Sciences from the Kendall Art Center in South Florida. Highlighting the tremendous diversity in the Miami Metro area, this exhibition showcases the vibrant artistic energy of women artists from many cultural

JOHN WILTON: A GRAPHIC APPROACH, FOUR DECADES UNDER THE FLORIDA SUN
OPEN THROUGH FEBRUARY 7, 2021
KARSHAN CENTER OF GRAPHIC ART

SHIMMER AND LACE: THE ART OF CANDACE KNAPP
OPEN THROUGH FEBRUARY 7, 2021
GARY R. LIBBY ENTRY COURT

Tampa Bay-based artist Candace Knapp paints brilliant water scenes and surface reflections capturing the beauty of Florida's coasts, natural springs and waterways. The



to Daytona Beach, to photograph the renowned African American educator and activist Mary McLeod Bethune, and her surroundings. The pictures he took capture a time of imminent and momentous change. Image Credit: Gordon Parks, 1943, *Daytona Beach, Florida, January 1943, Bethune-Cookman College, girl welder in the National Youth Administration school.* 14865-C, photograph from original negative. Museum Purchase. 99.01.032



EAST MEETS WEST: DECORATIVE HAND FANS FROM EUROPE AND CHINA IN THE COLLECTION
OPEN THROUGH FEBRUARY 14, 2021
BOUCHELLE CHANGING GALLERY

This exhibition highlights painted, embroidered and otherwise embellished ladies hand fans that have come into the MOAS collection over the years. A necessity for any lady in centuries past, the surface area of hand fans became a popular place for artistic expression and fans from both Eastern and Western traditions display the current art movements of the day. The artists who painted these fans were often fashionable painters who signed their work. Few art forms combine functional, ceremonial and decorative uses as elegantly as the fan. Fewer still can match such diversity with a history stretching back at least 3,000 years. Image Credit: France 19th Century, *Folding Fan with Lithograph Memorializing the Life and Legacy of Napoleon*, Lithograph, wood, mother-of-pearl, Gift of Kenneth Worcester Dow and Mary Mohan Dow, 94.01.685



works in many media from drawing, painting, collage, sculpture, and ceramics. Always surprising, her works depicting animals, humans, humorous objects or highly symbolic still lifes either stun for their audacity or startle for their ferocity. This exhibition will bring a representative selection of her long, varied and award-winning career to Daytona Beach. Image Credit: *Twist*, charcoal on acrylic stained stretched canvas. 60x40"

MIDWAY: PORTRAIT OF A DAYTONA BEACH NEIGHBORHOOD
OPENING FEBRUARY 13 – APRIL 11, 2021
KARSHAN CENTER FOR GRAPHIC ART

Gordon Parks was an American photographer, musician, writer, and film director. In 1943, while working for the Office of War Information, Gordon Parks was given an assignment to travel



known as Neoclassicism in early 19th century French art. Paintings, sculpture, and works on paper will join furniture, porcelain, glass, decorative fans, and ephemera in this look at the pervasive influence of this highly consequential historical figure. Image Credit: Germany, 19th Century, *Plaque with Portrait of Napoleon I*, porcelain, enamel. Gift of Kenneth Worcester Dow and Mary Mohan Dow. 94.01.496



Europe. In the best tradition of Modernism, her works evoke feeling, atmosphere and mystery and achieve an elegance only matched in nature. Image Credit: Aria, Riitta Klint, acrylic and pencil



who discovers interesting things in ordinary places, shedding light onto subjects that many times go unnoticed. Cook is known for her architectural images, often in black and white. She often takes the language of shapes, forms, and lines creating abstract compositions giving the photograph a degree of independence from the normal visual reference. Image Credit: Margo Kessler Cook, *Angles on the Hudson*, color photograph, Courtesy of the artist

SEEING DIFFERENTLY: PHOTOGRAPHY BY MARGO KESSLER COOK
OPENING MARCH 20 – JULY 18, 2021
ROOT HALL

Margo Kessler Cook, is a Fine Art International award-winning photographer. She is also a self-taught artist who has worked in printmaking, fabric design, and metalsmithing. Her approach to photography is that of a quiet observer

IN THE STYLE OF THE EMPEROR: NAPOLEONIC DECORATIVE ARTS FROM THE COLLECTION
OPENING FEBRUARY 27 - MAY 24, 2021
BOUCHELLE CHANGING GALLERY

2021 marks the bicentennial of the death of France's most famous ruler in the past, Napoleon Bonaparte I. This exhibition will contain examples of the many types of objects in the MOAS collection that touch on the reign of this incredibly influential leader who sponsored a comprehensive movement

CURRENTLY ON DISPLAY IN THE CICI AND HYATT BROWN MUSEUM OF ART



VOLUSIA COUNTY

Scenes from Volusia County and the importance of art schools and art venues in the development of culture within the county. *Featured painting: South Beach Street, Daytona, James Ralph Wilcox, Volusia County*



"THE LATEST NEWS FROM FLORIDA": WOOD ENGRAVINGS FROM 19TH CENTURY PERIODICALS A. WORLEY BROWN & FAMILY GALLERY

Wood engravings from 19th century illustrated magazines and journals documenting events in the remote land of Florida - a state that few northerners knew a lot about or would ever visit. *Featured Painting: Harper's Weekly, Ft. Pickens 1861*



FLORIDA WEATHER FRANCE FAMILY GALLERY

Experience a myriad of Florida weather in just one day. The Florida Weather gallery offers a look at Florida weather as represented by art. Florida is known for weather that changes with uncanny speed. Sun, rain, wind, clouds, storms, and fog all play a part in what the artist sees and wants to capture. The color, technique, rhythm, and texture are focused to evoke the full sensation of what is Florida's revealing environmental trait. *Featured painting: Naomi Duckman (Furth); Storm on Seven Mile Bridge, Florida Keys, 1935*



GONE FISHIN' SENA H. AND THOMAS L. ZANE GALLERY

This exhibition emphasizes Florida's reputation for being one of the greatest sport fishing areas in the world. From locals with simple cane poles to celebrities on yachts decked out for challenging sailfish and tarpon. *Featured painting: Sam Stoltz, Strife of the Sea*



THE SEMINOLE AND THE EVERGLADES FRANCE FAMILY GALLERY

The Everglades is a region of tropical wetlands that occupies the southern portion of Florida. Water leaving the vast, shallow Lake Okeechobee in the wet season forms a slow-moving river 60 miles wide and over 100 miles long. Human habitation in the southern portion of the Florida peninsula dates from 15,000 years ago. The region was dominated by the native Calusa and Tequesta tribes. After European colonization, both tribes declined. The Seminole nation emerged out of groups of Native Americans, mostly Creek, from what are now the northern Muscogee peoples. Artists from the early 19th century on have found the visual characteristics of the people and the land compelling subjects for artworks. *Featured painting: James F. Hutchinson; Seminole Man, 1992*

MUSEUM NOTICE:

Please note that any of these events are subject to change or cancellation. Please check the event calendar at MOAS.org for the latest updates on these upcoming events.

ONGOING EVENTS

Wednesday, Yoga in the Gallery Wednesday, 5:30pm-6:30pm

Take a break from your busy day and enjoy weekly Yoga in the Gallery at the Cici and Hyatt Brown Museum of Art. Meet in the lobby to join registered yoga instructor, Ashley Brooks of Holistic Movements, for an hour-long session that will provide you with an opportunity to practice a series of gentle yoga poses. Class is open to all experience levels. Please bring a mat, towel, and water. Space is limited and registration is required. RSVP to the Museum at 386-255-0285. \$5.00 for members, \$10.00 for future members.

JANUARY

Friday, January 8 2:30pm-4:00pm Tuscawilla Hike and Trivia

Join Museum educator, Kelsey Hansen, for a hike and trivia competition through Tuscawilla Preserve. During the hike through the Museum's nature preserve, enjoy learning about the natural environment by participating in trivia questions relating to the hydric hammock. Clues to the questions can be found on the Museum's Tuscawilla Preserve webpage and material provided by the University of Florida. Keep and eye out on our social media pages for hints to the questions and answers that will occur during the walk. Space is limited and advanced registration is required. RSVP online at MOAS.org or by calling the Museum at 386-255-0285. \$5.00 for members, \$10.00 for future members.

**Saturday, January 9
7:00pm-8:45pm
Saturday Laser Rock Concert**
7:00pm Pink Floyd - The Dark Side of the Moon
8:00pm Laser Queen
\$5.00 for one show and \$7.00 for two shows. Seating for these concerts is very limited to allow for proper social distancing. Tickets may be purchased in advance by calling 386-255-0285.

Thursday, January 14 11:00am-12:00pm VIRTUAL LECTURE: Members-Only Coffee with a Curator | Space Highlights of 2021

Join MOAS Curator of Astronomy, Seth Mayo virtually on ZOOM to explore the exciting missions and celestial events to look forward to in 2021. From a new rover landing on Mars to look for past life to increased commercial human spaceflight missions to the ISS, to a myriad of planetary conjunctions and a lunar eclipse, and the launch of the biggest space telescope ever, we will look at all of these topics using our 3D digital universe software. Sip some coffee and enjoy the cosmos with us. Must be a MOAS member to attend. Register online at MOAS.org or by calling the Museum at 386-255-0285. Free for MOAS members.

Thursday, January 21 2:00pm-3:30pm Florida Vistas Book Club: Zora Neale Hurston's Final Decade by Virginia Lynn Moylan

Join us for our next Florida history book club meeting at the Cici and Hyatt Brown Museum of Art where we will be discussing the book, Zora Neale Hurston's *Final Decade*. "Courage" is the last word that Zora Neale Hurston wrote in her letters And Hurston's courage is what Virginia Lynn Moylan documents in this moving and meticulously researched account of the end of Hurston's life. Moylan's account of Hurston's last decade contributes to our understanding of a complex artist and individual – one who was pivotal in the creation of the first 'anthropologically correct' baby doll and yet opposed court-ordered desegregation. Advanced RSVP is required by calling the Museum at 386-255-0285. Admission: Free for members, \$5.00 for future members.

Friday, January 22 12:00pm-1:30pm Lunch and Learn: Paintings from the 1880's to 1899

Join Senior Curator of Education and History, Zach Zacharias for lunch in the courtyard at the Cici and Hyatt Brown Museum of Art followed by a tour of paintings from the Gilded Age in Florida. Learn about Florida history and its natural landscape through the great artists that visited the state as tourists themselves. From street scenes of St. Augustine to great natural vistas, these paintings were commanded by the hand of the artist in which they documented Florida as it once was. Learn the story behind the artists, history, and style of these important landscapes. Call the Museum at 386-255-025 to RSVP and place your lunch order. Space is limited and advanced RSVP is required. Lecture is free plus the price of paid lunch for members. Lecture is \$5.00 plus the price of paid lunch for future members.

Monday, January 25 5:00pm-7:00pm MOAS After Hours

Join us at the Museum of Arts & Sciences for exclusive after-hour access to all galleries, happy hour drinks specials, and a curatorial discussion of the works of art in the exhibition, Women Arts from the Rodriguez Collection, coming to us from the Kendall Art Center in South Florida. This selection of contemporary works in a variety of media highlights the tremendous diversity in the Miami Metro area and showcases the vibrant artistic energy of women artists from many cultural backgrounds who have been collected by Cuban-born American businessman Leonardo Rodriguez and his family. Guests can also enjoy music by live bands featured in partnership with the Locals Mix. Free for members, \$5.00 for future members.

Wednesday, January 27 6:00pm-7:00pm VIRTUAL LECTURE: Evening with Florida History | Volusia County: Gone, But not Forgotten

Ever wonder what used to be there? Many buildings and landmarks have come and gone in Volusia County. Join Senior Curator of Education and History, Zach Zacharias virtually on ZOOM and learn about some of the fascinating hotels, businesses, and landmarks that once occupied parts of our city including, Pepp's Pool, the Big Tree, the Old Tomoka Ferry, lost roadside attractions, and more! Register online at MOAS.org or by calling the Museum at 386-255-0285. Free for members, \$7.00 for future members.

Thursday, January 28 6:00pm-7:00pm VIRTUAL LECTURE: Eye in the Sky: 30 Years of the Hubble Space Telescope

Join MOAS Curator of Astronomy, Seth Mayo on ZOOM for a virtual exploration of the most beautiful and breathtaking images of the universe as we take a look at the scientific highlights from the famed Hubble Space Telescope, and celebrate its 30th anniversary since its launch into low-Earth orbit. Register online at MOAS.org or by calling the Museum at 386-255-0285. Free for members, \$7.00 for future members.

Saturday, January 30 2:00pm-4:00pm Matinee Showing 7:00pm-9:00pm Evening Showing 40th Asbury Short Film Concert

Join us in the Root Family Auditorium at the Museum of Arts & Sciences for the 40th Asbury Short Film Concert, presented by MOAS and Asbury Shorts USA. The 40th Asbury Short Film Concert will feature a fast-paced and highly entertaining line up of the best in short film comedy, drama, and animation. This two-hour showcase will include Oscar Nominees, US Film Festival 'Best of Show' winners, and international honorees from the past and present. This event is recommended for ages 16 and older.

TWO WAYS TO ATTEND:

ATTEND IN PERSON - \$20.00 for members, \$25.00 for future members. Auditorium doors open 15 minutes prior to showtime for open, socially distanced seating. The film concert is two hours in total with a short intermission. Food and beverages will be available for purchase at the cash bar. Admission can be purchased online at MOAS.org or by calling the Museum at 386-255-0285. **ATTEND VIRTUALLY** - \$15.00 per link. A link will be provided by email the week of the event and can be enjoyed anytime on January 30. The link will not be active after midnight on January 30. No refunds after January 25 for ALL ticket types.

Wednesday, February 10 6:00pm-7:00pm VIRTUAL LECTURE: An Evening with Art and Objects "A Baker's Dozen"

Join Senior Curator of Education and History, Zach Zacharias virtually on ZOOM to learn about 13 amazing objects that showcase the diversity of the Museum's collection of art, history, and science. Learn about the treasures in each gallery and discover objects like Audubon's mistake, a 13,000-year old buffalo skull with a lodged spear point, Edsel Ford's Dream Car, Cuba's most famous painter, the high point of American furniture making, and more! Register online at MOAS.org or by calling the Museum at 386-255-0285. Free for members, \$7.00 for future members.

Thursday, February 11 11:00am-12:00pm VIRTUAL LECTURE: Members-Only Coffee with a Curator

Join MOAS Senior Curator of Education and History, Zach Zacharias virtually on ZOOM for a talk on select landscape paintings from the permanent gallery within the Cici and Hyatt Brown Museum of Art from notable artists such as Herman Herzog, N.C. Wyeth, Martin Johnson Heade, and Louis Ashton Knight. Learn about the history of the artists, the techniques used, and the natural history of these wonderful vistas of Florida. Must be a MOAS member to attend. Register online at MOAS.org or by calling the Museum at 386-255-0285. Free for MOAS members.

Thursday, February 11 6:00pm-7:15pm VIRTUAL SPEAKER: International Day of Women and Girls in Science

Speaker and details TBA. Register in advance at MOAS.org or by calling the Museum at 386-255-0285. Free Virtual Talk

Thursday, February 11 6:00pm-8:00pm Italian Wine Dinner

Join us in the L. Gale Lemerand Wing at the Museum of Arts & Sciences for an intimate Italian Wine Dinner in partnership with S.R. Perrott. Enjoy this interactive wine pairing with four Italian wines and a 3-course meal by Ravish Catering. Seating is limited. Reserve your seat online at MOAS.org or by calling 386-255-0285. \$60.00 for members, \$70.00 for future members.

Friday, February 12 6:00pm-7:15pm VIRTUAL SPEAKER: International Day of Women and Girls in Science

Speaker and details TBA. Register in advance at MOAS.org or by calling the Museum at 386-255-0285. Free Virtual Talk

Saturday, February 13 6:00pm-7:15pm VIRTUAL SPEAKER: International Day of Women and Girls in Science

Speaker and details TBA. Register in advance at MOAS.org or by calling the Museum at 386-255-0285. Free Virtual Talk

Saturday, February 13
7:00pm-8:45pm
Second Saturday Laser Rock Concert
7:00pm Pink Floyd – The Wall
8:00pm Laser Zeppelin
\$5.00 for one show and \$7.00 for two shows.
Seating for these concerts is very limited to allow for proper social distancing. Tickets can be purchased in advance by calling the Museum at 386-255-0285.

Sunday, February 14
5:00pm-5:45pm
Special Valentine’s Day Show – Love and the Cosmos in the Lohman Planetarium
Bring along your special someone for an afternoon show where we will search for love through all corners of outer space – from night sky constellation folklore to Valentine’s themed cosmos coincidences that can be found in planets, nebulae, and even galaxies. Seating is limited. Call the Museum at 386-255-0285 to purchase admission.
\$5.00 for members, \$7.00 for future members.

Thursday, February 18
1:00pm-4:00pm
Mars Perseverance Rover Landing Celebration
Join us in the Lohman Planetarium (seating is limited) as we celebrate the landing of the next rover to land on the surface of Mars. This exciting mission will take Perseverance to an ancient dried up river delta in the Jezero Crater, where scientists will look for signs of past microbial life in the Martian soil. We will run a special show about Mars in the Lohman Planetarium about the mission and host a live landing ceremony as we tune into the NASA JPL feed for a planned 3:30pm touchdown.
1:00pm – Planetarium Show: The Search for Life on Mars
2:00pm-4:00pm – Live coverage of the Entry, Descent, and Landing of Perseverance
Free for members, \$5.00 for future members.

Thursday, February 18
2:00pm-3:30pm
Florida Vistas Book Club: *The Tropic of Cracker* by Al Burt
Join us for our next Florida history book club meeting at the Cici and Hyatt Brown Museum of Art where we will be discussing the book, *The Tropic of Cracker*. One man’s vision of a state struggling to remain true to itself. The text mixes new essays with a span of earlier ones, and the Crackers of whom Al Burt tells are men and women from Apalachicola to the Everglades, from Tallahassee to the Keys. Advanced RSVP is required by calling the Museum at 386-255-0285. Admission: Free for members, \$5.00 for future members.

Monday, February 22
5:00pm-7:00pm
MOAS After Hours
Join us at the Museum of Arts & Sciences for exclusive after-hours access to all galleries, happy hour drink specials, and a special tour of *Exceptional: The Art of Jill Cannady* with Ruth Grim, Chief Curator/Gary R. Libby Curator of Art. Jill Cannady has been painting and drawing her primarily figurative works for decades throughout her successful artistic career in Florida. This exhibit brings a representative selection of her long, varied, and award-winning career. Guests can also enjoy music by live bands featured in partnership with the Locals Mix.
Free for members, \$5.00 for future members.

Friday, February 26
12:00pm-1:30pm
Lunch and Learn: Paintings From 1900 to 1920
Join Senior Curator of Education and History, Zach Zacharias for lunch in the courtyard at the Cici and Hyatt Brown Museum of Art followed by a tour of the paintings from a time period of the early 1900s. Learn about Florida history and its natural landscape through the great artists that visited the state as tourists themselves. From street scenes of St. Augustine to great natural vistas, these paintings were commanded by the hand of the artist in which they documented Florida as it once was. Learn the story behind the artists, history, and style of these important landscapes. Call the Museum at 386-255-025 to RSVP and place your lunch order. Space is limited and advanced RSVP is required.
Lecture is free plus the price of paid lunch for members. Lecture is \$5.00 plus the price of paid lunch for future members.

Friday, March 5
9:00am-11:00am
Eco Buggy Tour at Heart Island Conservation Area
Join Volusia County’s Environmental Specialist, Trey Hannah, and MOAS Educator, Kelsey Hansen for a two-hour tour of the Heart Island Conservation Area in DeLeon Springs. Travel on the Eco Buggy Tram and discover the pinewood flats, long leaf pine habitats, wetlands, mesic flatwoods, and learn how this area is being used to restore natural communities. Heart Island Conservation Area was purchased by the St. John’s Water Management District in 1994 to protect the areas water resources and restore its timber resources. Bring a blanket, water, and a camera, and enjoy the ride through this amazing ecosystem while you learn about the flora and fauna of this important natural space. Space is limited and advanced registration is required. RSVP online at MOAS.org or by calling the Museum at 386-255-0285. The Eco Buggy Tram departs promptly at 9:00am from DeLeon Springs, FL 32130. (For specific directions visit <https://www.sjrwmd.com/lands/recreation/heart-island/> or email kelsey@moas.org)
\$12.00 for members, \$15.00 for future members.

Wednesday, March 10
6:00pm-7:00pm
VIRTUAL LECTURE: The Natural History of Cuba
Cuba is an ecological wonder with more than 3,000 species of tropical fruits and flowers and over 6,000 plant species of which half are indigenous. Join Senior Curator of Education and History, Zach Zacharias virtually on ZOOM to learn about this little-known aspect of the island of Cuba. Learn about the amazing species that inhabit the island, from the tiniest frog in the world to the discovery of dinosaur fossils. Discover the geology, rivers, reptiles, and mammals that make Cuba a gem of natural history. Register online at MOAS.org or by calling the Museum at 386-255-0285.
Free for members, \$7.00 for future members.

Thursday, March 11
11:00am-12:00pm
VIRTUAL LECTURE: Members-Only Coffee with a Curator | In the Style of the Emperor
2021 marks the bicentennial of the death of France’s most famous ruler in the past, Napoleon Bonaparte I. Join MOAS Chief Curator and Gary R. Libby Curator of Art, Ruth Grim virtually on ZOOM to take a look at the many diverse objects in the MOAS collection that touch on the reign of this incredibly influential leader who sponsored a comprehensive movement known as Neoclassicism in early 19th-century French art. Brew a coffee and take a look back at French history. Must be a MOAS member to attend. Register online at MOAS.org or by calling the Museum at 386-255-0285.
Free for MOAS members.

Saturday, March 13
7:00pm-8:45pm
Second Saturday Laser Rock Concert
7:00pm Laser Vinyl
8:00pm Laser Metallica
\$5.00 for one show and \$7.00 for two shows. Seating for these concerts is very limited to allow for proper social distancing. Tickets can be purchased in advance by calling the Museum at 386-255-0285.

Monday, March 15
5:30pm-7:00pm
Cocktails & Creations: Floral Arrangement Class
Join us in the Courtyard at the Cici and Hyatt Brown Museum of Art for a creative and interactive Cocktails & Creations class with Ashlee Roberson, Owner of Simply Roses Florist. Admission includes all supplies and florals to create a beautiful arrangement to bring home with you, plus one complimentary cocktail! Space is limited. Register online at MOAS.org or by calling the Museum at 386-255-0285.
\$30.00 for members, \$35.00 for future members.

Thursday, March 18
2:00pm-3:30pm
Florida Vistas Book Club: *The Nickle Boys* by Colson Whitehead
Join us for our next Florida history book club meeting at the Cici and Hyatt Brown Museum of Art where we will be discussing the book, *The Nickle Boys*. When Elwood Curtis, a black boy growing up in 1960s Tallahassee, is unfairly sentenced to a juvenile reformatory called the Nickel Academy, he finds himself trapped in a grotesque chamber of horrors. Elwood’s only salvation is his friendship with fellow “delinquent” Turner, which deepens despite Turner’s conviction that Elwood is hopelessly naive, that the world is crooked, and that the only way to survive is to scheme and avoid trouble. As life at the Academy becomes ever more perilous, the tension between Elwood’s ideals and Turner’s skepticism leads to a decision who repercussions will echo down the decades. Advanced RSVP is required by calling the Museum at 386-255-0285.
Admission: Free for members, \$5.00 for future members.

Friday, March 19
7:30pm-9:30pm
Night Sky Viewing at Gamble Place
Join the Lohman Planetarium staff as we ring in the spring equinox and host a fun star party at our Gamble Place historic houses in Port Orange. We will have telescopes set up and live star tours of the celestial highlights of the night sky. Parking is limited.
Event is Free (weather permitting)

Wednesday, March 26
12:00pm-1:30pm
Lunch and Learn: Paintings from the 1930s to the Present Day
Join Senior Curator of Education and History, Zach Zacharias for lunch in the courtyard at the Cici and Hyatt Brown Museum of art followed by a tour of paintings from the 1930s to the present day. Learn about Florida history and its natural landscape through the great artists that visited the state as tourists themselves. From street scenes of St. Augustine to great natural vistas, these paintings were commanded by the hand of the artist in which they documented Florida as it once was. Learn the story behind the artists, history, and style of these important landscapes. Call the Museum at 386-255-025 to RSVP and place your lunch order. Space is limited and advanced RSVP is required.
Lecture is free plus the price of paid lunch for members. Lecture is \$5.00 plus the price of paid lunch for future members.

Monday, March 29
5:00pm-7:00pm
MOAS After Hours
Join us at the Museum of Arts & Sciences for exclusive after-hours access to the Museum’s galleries, happy hour drink specials, and a special artist talk with international award-winning photographer, Margo Kessler Cook on her new exhibit on display in Root Hall. Margo will discuss the techniques, inspirations, and stories behind her stunning images included in the exhibition, Seeing Differently: Photographs by Margo Kessler Cook. A world traveler, her works run the gamut from beautiful, up-close architectural details to stunning vistas and everything in between. Guests can also enjoy music by live bands featured in partnership with the Locals Mix.
Free for members, \$5.00 for future members.




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Fall Fun & Preparation for 2021

The Guild has been busy throughout the last couple of months. We hosted our 10th Annual Children's Museum Golf Classic on October 16th. What a HUGE success! We were able to raise \$21,700 for our museum. This success was due to having 104 golfers, perfect weather, outstanding staff at The Club at Venetian Bay, especially Ben Herring, and many generous sponsors who enjoyed playing in this tournament and were supportive of our museum. They are the BEST!

George Fortuna and his team of volunteers made this event

a wonderful experience for everyone. A huge thank you to George Fortuna, Mike Armstrong, Joan Horneff, Karrie Houlton, Maureen Mahoney, Kathy Wilson, and several of my Venetian Bay friends.

In October and November, we had a food drive with donations from our generous Guild members. These donations then went to a local food bank.

In December we decorated holiday wreaths that were sold in the Museum lobby. The wreaths were donated by Michaels in The Pavilion at Port Orange. We also

decorated the beautiful tree in the lobby. Our members are not only generous but also so talented.

We are planning several events in 2021 and hope that you will join us. We would like to invite you to join this fantastic group and men and women. Our dues are \$35.00 per year. I hope to see you in 2021.

Diane Rogers | President

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DATES TO REMEMBER FOR 2021

JANUARY 12

Welcome to 2021

Guest speaker: Fine artist, Cherree Mallette from the Art Ocean Gallery in Ormond Beach will share with us her fascinating life and career.

FEBRUARY 9

My Closet to Yours Luncheon

Halifax Plantation Golf Club

MARCH 9

Guest Speaker, Kelly Lowe, author and astrologer will give us an overview of astrology in our lives.

APRIL 13

Garden Party High Society Luncheon
Cici and Hyatt Brown Museum of Art

Our *Ancient Connection* to the SKY

2020 has been one memorable year for our little pocket in the universe. For all the uncertainty and difficulties we have faced, finding a connection to the skies above has been a welcoming retreat.

This may be obvious for someone who works in the Lohman Planetarium and has a profound love for astronomy and all things space. But with families being closer together and everyone spending more time at home, it has been easier to feel solace in the cycles in the sky and the dance of celestial objects around us.

It can be quite easy to take all of this for granted and miss the wonders of the sky even when fully immersed in astronomy education. There is nothing like spending meaningful time outside, away from many of our digital distractions, to feel connected to it all again.

And rediscovering this connection to the skies is as old as human civilization itself, and is built into the fabric of our culture, society, and physical understanding of the universe.

Naturally, humans instinctively try to create order and meaning in phenomena they see around them to

make sense of the world. When you look at a random grouping of stars at night, your mind most likely starts to organize them into familiar shapes, very much like a constellation from antiquity. If you notice that shape in the sky at a certain time of the year



THE EL CASTILLO, OR TEMPLE OF KUKULCÁN, SITUATED AT CHICHÉN ITZÁ IN THE MEXICAN YUCATÁN, FAMOUSLY DEMONSTRATES THE ASTRONOMICAL PROWESS OF THE MAYA CIVILIZATION. EACH OF THE FOUR SIDES OF THE STEP-PYRAMID HAS 91 STEPS THAT INCLUDE THE TOP TERRACE WHICH EQUALS 365 - MATCHING THE NUMBER OF DAYS IN A YEAR. THE EXTENSIVE KNOWLEDGE GAINED BY THE MAYA WAS DUE TO THE CAREFUL OBSERVATION OF THE STARS AND PRECISE PLANETARY MOVEMENTS IN THE SKY. IMAGE CREDIT: LUKA PERTENEL/WIKIMEDIA

IMAGE CREDIT: ESO/B. TAFRESHI (TWANIGHT.ORG)

repeatedly, then you have developed a regular pattern that you can rely on.

Of course these consistent - and sometimes not so consistent - celestial markings had connections to gods and spirits for many observers of the past, and it provided a way to explain the events happening personally and for an entire society.

Much of this reliance on star patterns and their meanings, that we are familiar with, date back to ancient Mesopotamia, close to 4,000 years ago.

Within Mesopotamia - what is now the modern day Middle East around the Tigris-Euphrates river system - Babylonian astronomers created some of the first written observations of the sky and formed many of the constellations used in western astronomy that eventually formed the basis of the zodiac and astrology. Even though astrology and astronomy are light-years apart today in how they approach the study of the universe, astronomy does have its

roots in the careful observation of the movement of heavenly bodies that early astrologers relied upon. Finding spiritual meaning and predicting omens in astrology led us to our understanding of the ecliptic - the path the Sun and planets seem to make in the sky that traces the plane of our Solar System.

Many of these constellations and traditions were adopted by the Greeks and Romans and were important to their gods and mythologies that influenced their lives in many ways. These starry connections can be seen

THIS BABYLONIAN CUNEIFORM TABLET IS ONE OF THE EARLIEST EXAMPLES OF THE WRITTEN OBSERVATIONS MADE OF THE SKY. DIVIDED INTO TWO COLUMNS THAT DESCRIBE THE RISING AND SETTING OF CERTAIN STARS AND THE CONSTELLATIONS THAT THE MOON MOVES THROUGH, THIS ANCIENT RECORD IS ONE A GROUP THAT ARE PART OF THE MUL-APIN - A COMPENDIUM OF ASTRONOMICAL KNOWLEDGE DEVISED IN MESOPOTAMIA AROUND 1000 BCE. IMAGE CREDIT: BRITISH MUSEUM

in the great stories by Homer and Hesiod, and even persist today in our modern day telling of constellation mythologies.

The Skidi Band of the Pawnee Tribe of North America had a rich history of sky watching, relying upon bright stars and planetary objects that dictated their social hierarchy, religious rituals, and decision making. The sky was so important to their lives, the Pawnee made careful observation of the position of stars, and built special lodges with openings in their tops to keep a close eye on them. They knew the significance of the North Star, Polaris, and named it their "Chief Star," never moving as it watched over the Earth.

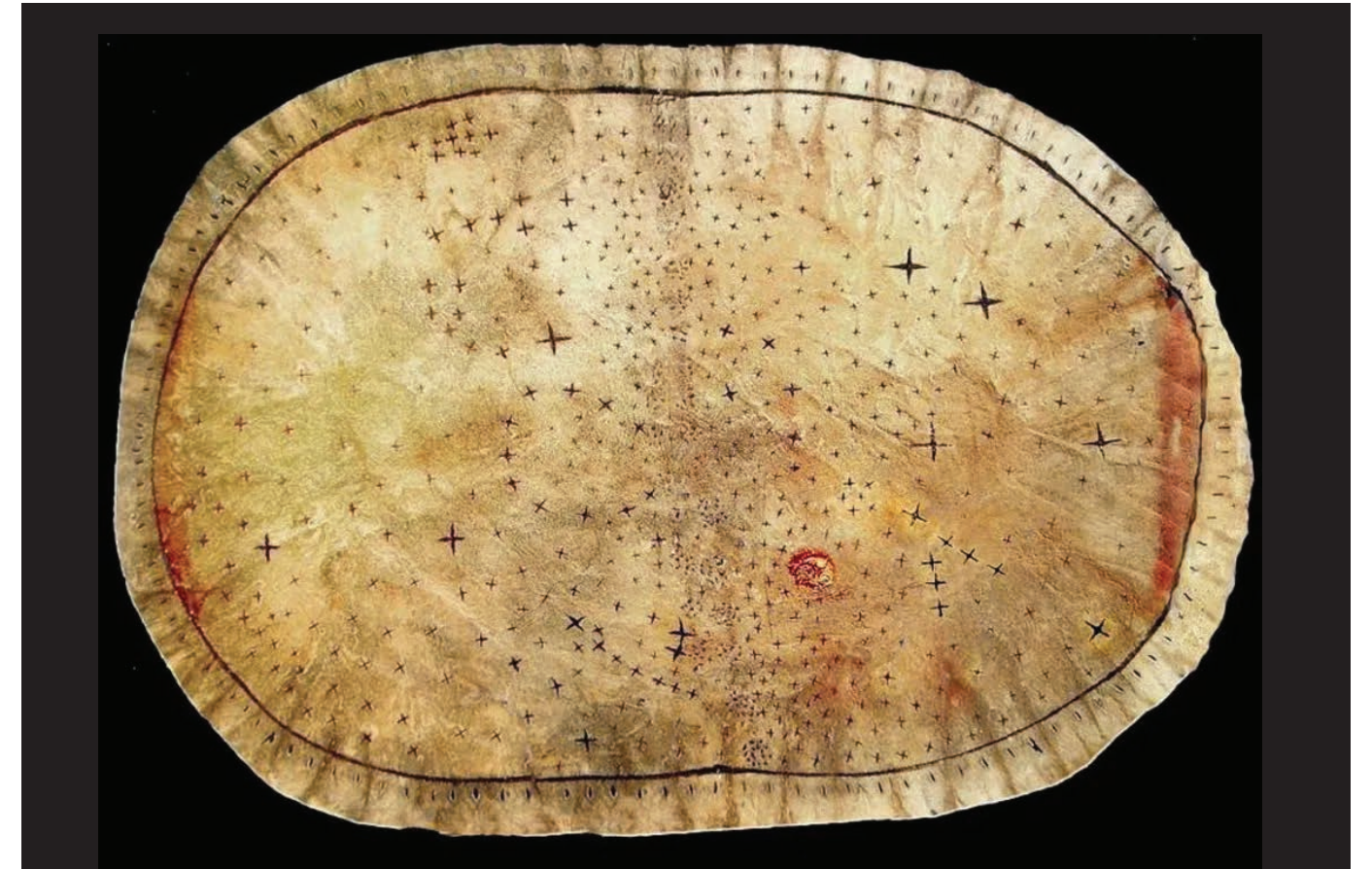
At times, the unpredictable nature of certain celestial objects, like the aptly described "long-haired stars" of glowing comets, could spark fear and chaos as they were deemed bad omens and harbingers of war.

Lunar and solar eclipses were treated similarly, as their surprising occurrences and unusual appearances were thought as a sign of bad times ahead.





AN EXAMPLE OF A SKIDI LODGE FROM THE PAWNEE TRIBE OF NORTH AMERICA. AT THE TOP OF THE STRUCTURE IS A LARGE HOLE THAT WAS USED TO EXHAUST SMOKE FROM FIRE AND TO VIEW CERTAIN SECTIONS OF THE NIGHT SKY THAT WERE DEEMED IMPORTANT TO THEIR TRIBAL HIERARCHY AND TRADITIONS. IMAGE CREDIT: EDWARD S. CURTIS COLLECTION/LIBRARY OF CONGRESS, WASHINGTON, D.C.



THIS OVAL SHAPED PIECE OF TANNED ELK SKIN SERVED AS A STAR CHART BY THE SKIDI BAND OF THE PAWNEE TRIBE IN THE NORTH AMERICAN CENTRAL PLAINS. THIS PARTICULAR BAND OF THE PAWNEE ARE WELL REGARDED FOR THEIR INTIMATE KNOWLEDGE OF THE HEAVENS ABOVE THAT HELD MEANING IN THEIR DAILY LIFE. THE CHART DEPICTS A LARGE SECTION OF THE STARFIELD WITH THE NORTH STAR MOST LIKELY FEATURED IN THE MIDDLE TOP LEFT AND THE FAMOUS "V" SHAPE OF TAURUS THE BULL IN THE BOTTOM RIGHT PORTION. IMAGE CREDIT: FIELD MUSEUM OF NATURAL HISTORY/CHICAGO

Hundreds of years ago, the South American Inca believed that a celestial jaguar devoured the Moon during a lunar eclipse, creating the signature "bloody" appearance as it passes into Earth's ruddy shadow. Their people believed that the jaguar would turn its attention to them after eating the Moon, and they thought that yelling and waving their spears at this divine creature would scare it away.

Although many of these ideas and beliefs no longer exist today, many of the phenomena that inspired them were written down and depicted in artwork, providing a timeline of celestial occurrences that were later useful in astronomical catalogs and making future predictions.

There are many more examples of the spiritual, and sometimes

superstitious, connection to the heavens from cultures all around the world, but many of the observations of the sky were very practical in daily life.

The appearance of the brightest star in the night sky, Sirius, carried special importance to the Egyptians as its rising in the morning heralded the beginning of the annual flooding of the Nile River. This was vitally important in crop preparation as these floods would be relied upon for natural irrigation.

To the ancient Greeks, Sirius (Greek for "scorching"), marked the hottest time of the year in the northern hemisphere as it rose in the morning in July through early August. This bright star, being part of the dog constellation Canis Major, garnered the nickname "Dog Star" - the source

of the term "dog days of summer," that relate to the intense heat of that time of the year.

The waxing and waning of the Moon has been observed over time to mark certain seasons or agricultural patterns. Native Americans were especially connected to the full Moon and the month they occurred in.

The Full Corn Moon, as described by the Algonquin tribes, occurring in September, would signal the time to harvest corn and other similar crops. This is very similar to the Harvest Moon that occurs closest to the autumnal equinox, that tied in with agricultural seasons and were later adopted by modern day farmers.

Ancient civilizations keeping careful watch of the cycles in the sky paid close attention to the Sun and its

position at various times of the year. The ever-famous Stonehenge in Wiltshire, England, built more than 4,000 years ago, is thought to be tied to the summer and winter solstice. Visitors from all around the world flock to this location twice a year (more popularly in the summer) to watch the sun rise or set very precisely through and over the ancient architecture in seemingly purposeful ways. If solar alignments were behind the creation of Stonehenge (still in much debate), these types of structures would have helped delineate the seasons and usher in various rituals and celebrations.

The seasonal shifts that were marked by the appearance of certain celestial objects were vital in forming the calendar and measure of time we rely on today.

The Egyptians devised an interesting method for measuring time, and this was seen in their use of the decan system starting around 2100 BCE. The decans were a group of 36 stars situated together that would rise every 10 days just before sunrise, known as heliacal rising. When you take 36 decans and multiply by 10 days, you get 360. They would add 5 days to this to get the 365-day year. This system was based on the Sun, which was a very important entity to the Egyptians for thousands of years, and was also a means to tell the local time by using sundials to measure the movement of shadows throughout the day.

The Maya civilization had some of the greatest astronomical knowledge in history and reflected that in their temple structures. The most famous

of which is located in Mexico's Yucatán state in the city of Chichén Itzá where the El Castillo, or Temple of Kukulcán, is still standing. This step-pyramid was cleverly constructed with four sides of 91 steps plus the top terrace, adding up to 365 steps to represent each day. This demonstrates their intimate knowledge of the year from their 365-day Haab' calendar.

Chinese, Indian, and Mesopotamian calendars that comprised a 365-day year were also developed through the use of solar or lunar (sometimes both) cycles that were carefully organized after generations of observation. The build up of this knowledge eventually led to the development of the Roman, Julian, and finally Gregorian calendar that is now in use - utilizing the accurate solar or tropical year of approximately 365.24 days.



THIS CEILING RELIEF CARVED BY ANCIENT EGYPTIANS IN A STRUCTURE WITHIN DENDERA, EGYPT, PORTRAYS STARS IN THEIR ICONIC HIEROGLYPHIC WRITINGS. THE ANCIENT EGYPTIANS HAD A CONNECTION TO THE STARS, PLANETS, SUN, AND MOON, AND USED THIS KNOWLEDGE TO FORM THEIR DECAN CALENDAR SYSTEM. IMAGE CREDIT: OLAF TAUSCH/WIKIMEDIA

Lunar calendars have been used by many cultures throughout history and even in modern times in determining the year.

In the 5th century BCE, the Chinese watched the Moon carefully and divided the sky into 28 lunar mansions - distinct star patterns that the Moon traveled through in a month.

Along with this calendrical evolution are the many words in our English lexicon that involve units of time we use almost every day, and never realize their celestial connection.

The month relates to the orbit of the Moon around the Earth, and its cycle of lunar phases. Month and Moon are related words, or cognates, where the term used to be "moonth," but an "o" has been removed to form the current version we use today.

Even the days of the week harken back to what are known as the seven classical planets that could be seen moving in the sky. Each of these celestial objects are tied to the day of the week and most easily recognized in their Latinized form: diēs Sōlis - Sunday, diēs Lūnae - Monday, diēs Mārtis - Tuesday, diēs Mercuriī - Wednesday, diēs Iovis (Jupiter) - Thursday, diēs Veneris - Friday, diēs Saturnī - Saturday.

Combining our cumulative knowledge of the position of the stars and the cycle of planetary objects, along with

a systematic approach to measuring time, provided skills that were vital for navigating the open ocean as we began to explore every major part of the world. Creating maps of the sky, in turn, allowed us to create better maps of the Earth.

And this deep connection to astronomy from observations by countless generations and the increasing accuracy of predicting recurring phenomena, allowed us to see the fundamental physics of the universe that are written out in the stars.

Built upon this foundation of early astronomy, the renaissance period brought about the biggest advancement in the scientific study of astrophysics.

Nicolaus Copernicus ushered in the heliocentric system, placing the Sun in the center of our universe instead of the Earth - of course, a very controversial idea of the time.

This idea made much more sense at predicting planetary motion than the wildly complicated and convoluted epicycles that were devised for the planets to "explain" their movement around the Earth instead of the Sun.

This Sun-centered model was carried on by Italian astronomer Galileo Galilei, pointing a new device called a telescope at the night sky for the first time and noticing the moons

of Jupiter, the phases of Venus, and many other events unseen by the naked eye. These observations helped to further the heliocentric model in tantalizing ways.

German astronomer Johannes Kepler followed careful observations of the sky and formulated the laws of planetary motions around Galileo's time, providing a mathematical understanding of the celestial movements seen above since antiquity.

And English mathematician and physicist Isaac Newton further confirmed these ideas as he formed his even more fundamental laws of motion and gravity by confirming Kepler's laws and predicting cometary orbits in the 17th and 18th centuries.

These important astronomical contributions over many millennia are just a handful of examples of how our connection to the sky has entirely shaped our world in so many ways.

These connections keep alive a spirit of curiosity and lead us to new frontiers that we can't even imagine today.

And knowing that just by looking up and noticing the workings of the universe around us can tell us this much, makes observing the sky even more meaningful.



Doris Duke deplanes in Persia.



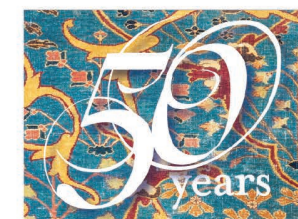
Shah Abbas, The Great, c. 1600

At auction in 2008, a magnificent all silk carpet belonging to the estate of Doris Duke realized \$4.4 million. This was forty times the pre-auction estimate.

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Woven c. 1600 in the (once) capital, Esfahan, this rug took life during the reign of the celebrated Shah Abbas.

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