

Cave Creek Museum Annual Report 2020-2021

*It is Cave Creek Museum's mission to preserve and interpret the natural resources
and cultural heritage of the northern Sonoran Desert.*

Revised and Approved, April



Location:

Physical Address

6140 East Skyline Drive, Cave Creek,
Arizona 85331

Mailing address

Post Office Box 1, Cave Creek,
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Phone Number

(480) 488-2764

Website

<https://cavecreekmuseum.org>

*Cave Creek Museum, Inc. is a 501(c)(3) nonprofit organization
#94-2404270*

Professional Affiliations

American Alliance of Museums
American Association of State and Local History
Arizona Alliance of Nonprofits
Carefree – Cave Creek Chamber of Commerce
Central Arizona Museum Association
Museum Association of Arizona
Museum Trustee Association

Board of Directors 2020-2021 Season

President

Vince D'Aliesio, 20-22 (1)

Vice President

Vacant

Recording Secretary

Reg Monachino, 19-22 (1)

Acting Treasurer

Bill Oelman, 20-23 (2)

Board Members

Frank Tyrol, 18-21(1)

Tom Cross, 20-23 (1)

Professional Staff 2020-2021

Interim Executive Director Suzanne D. Johnson
Museum Program Coordinator Remington Pettus
Exhibits and Collections Curator Elizabeth Kapp

PRESIDENT'S REPORT

2020-2021

Vince D'Aliesio, Board of Directors President

Hello to our devoted museum members, stakeholders, and community partners! As we transition to spring, fine tune our exhibits and antiquities during the summer, and ready the museum for exhibiting in the fall, I would like to reflect on the past year and offer my heartfelt thanks for your continued input, involvement and support.

We began 2020 with aspirations to outdo past years in attendance, membership, and fundraising. The year started with the most successful fundraiser in the Cave Creek Museum's history, the Cave Creek Museum Home Tour which spotlighted the career of one of the Desert Foothills' most treasured residents, Gerry Jones. Patrons from all over the country, and the world, participated. It was an exciting special event that engaged the imagination and cast a positive light on our community.

Unfortunately, only weeks after the highly successful Home Tour, the worldwide pandemic struck and created an unknown that the museum had not experienced in its fifty year history, and, more importantly, something the Desert Foothills community had never experienced in modern history. Concern for our vulnerable population of docents, staff, and the community-at-large forced a difficult decision to close our doors through much of the spring and summer months. This closure gave our staff the opportunity to carefully design new exhibiting for the 2020-2021 season. We held our Grand Re-Opening in November with famed cowboy singer Gary Sprague and his sidekick horse, Dusty.

Goals for 2021

Location: We engaged our Dream Team and passed a Board Agenda item confirming that we would remain in our current location and work to increase its visibility. We engaged you, our membership and non-members, and increased Cave Creek Museum membership over 10%, despite the programming and fundraising restrictions associated with the pandemic.

Cohesive Environment: Our goals included creating a more cohesive environment between our

Board and staff, and "pulling up our bootstraps" during the pandemic allowed us to join together amid some difficult decisions regarding the sale of property and the investigation of potential moves to several different locations within the Desert Foothills community, seeking to achieve greater access and display space.

Outreach: We also strengthened our outreach in the local community through our warm and progressive Interim Executive Director Suzanne Johnson, who stepped in during a difficult time and reached out to all of our local nonprofits to engage new ideas and renew old friendships.

Financial: We secured the largest grant available from our neighbors, the Kiwanis Club of Carefree, to help programming and exhibits for the kids that love our museum, such as our stamp mill, our new gold panning station, and the mine project. We secured paycheck protection programming (forgivable loans) designed to assist non-profits like ours during this difficult time. Overall, we are in a better place now than we were 12 months ago, and are undergoing the audit that has been a goal of ours for quite some time. An independent auditor will continue to bring transparency to all that we do, so that donors feel their investment in Cave Creek Museum is a sustainable gift that will allow us to continue telling stories and preserving our precious history.

Community Relationships: We helped create an important bridge between our two communities, Cave Creek and Carefree, by honoring Gerry Jones after he gave his time and energy for over 50 years to both communities and helped us make the Home Tour fundraiser the best ever for our museum. We honored Gerry recently by erecting a plaque just steps away from the Carefree Sundial on a boulder that he had delivered from his property high atop Black Mountain, and in my official capacity as a Carefree Councilmember, a proclamation that renamed the Sundial Plaza, the "Gerry Jones Sundial Plaza." There were nearly fifty residents in attendance and thousands viewing on-line and listening on the radio.

Communications and Awareness: Through the efforts of our Media Committee, we are introducing the character "Hard Rock Harry," performed by a local actor (a former Cave Creek Unified School District teacher) to represent the museum within our Desert Foothills communities at different functions. "Hard Rock Harry" is designed to bring joy and positivity to every event, telling tales of pioneering days. He may even have some "fool's gold" in his pockets for the kid in all of us.

With that, I thank you for allowing me to serve as your Board President to help us move forward in the direction to continued prosperity and sustainability. I pride myself on community service as a life-long endeavor, and must now shift back to projects in Carefree, putting my "council member hat" on and devoting more time to initiatives that require more attention and offer benefits to both communities, such as continuing to cultivate our relationships within the Cave Creek Unified School District, important public service initiatives within fire and public safety, economic development, veteran's services, and of course, the arts.

My last day as Board President of our beloved Cave Creek Museum will be May 31st, 2021. I'd like to thank our Board of Directors: Treasurer Bill Oelman, Secretary Reg Monachino, Christine Williams, Tom Cross, and Frank Tyrol for their service, past Board Members during my tenure: former President Bob Flach, Vice President Bill Kosanke, and Board Member Kaycee Westfall.

Thank you to past Executive Director Karrie Porter Brace and Development Director Becca Bober in understanding and helping me with difficult decisions that were made during difficult times. Thank you to our precious Docent Volunteers and Dream Team, as they are truly the lifeblood of our institution, and our incredible staff: Interim Executive Director Suzanne Johnson, Museum Program Coordinator Remington Pettus, Master Curator Elizabeth Kapp, Intern Nicole Rodrigues, and Dream Team leader Charlie Connell. Without you five, the Cave Creek Museum would not be as relevant in the museum world as it is today.

Finally, thank you to my wife Cheryl, son Noah, daughter Sophie, and son Matthew, who give me the freedom and understanding to devote time to community service. Without their OK, I couldn't do any of this.

There are many other friends in the community that I am grateful to have befriended. And a smile, fistbump, handshake, or hug is what you'll get from me when I see you in person! See you all again really soon. Thank you for this tremendous opportunity to serve the Desert Foothills community. I will treasure my memories from this past year at the Museum and keep them in my memory for a lifetime.

EXHIBITS 2020-2021

Elizabeth Kapp, Exhibits and Collections Curator

After the Museum discovered water damage in the floor of the old Pioneer Wing, we took the opportunity to update the room and opened the new History Wing in November. With the work of the Renovation Committee - Kathy Pedrick, Tamsin Wolff, Bill Oelman, Karrie Porter Brace, and Becca Bober - design input from Elizabeth Rosensteel, and the Dream Team making pedestals and installing plexiglass, we successfully managed the large-scale project. Reflecting the same historic themes in a newly organized format, the space explores the history of the Desert Foothills from around 1860 to the present day, building a bridge between the prehistoric stories in the Archaeology Wing.

The Ansbaugh Auditorium seasonal exhibit was *The Tales We Tell, The Tools We Use*. Working with Tamsin Wolff, we developed an exhibit built around engagement through questions, avoiding physical interactives and touchable elements due to the global pandemic. With the content tight against the walls, the exhibit offered visitors a chance to look deeper into how the Museum uses various tools - listening to oral histories, studying material culture, and inspecting artwork - to learn about and teach history.

COLLECTIONS

2020-2021

Kathy Pedrick, Collections Committee Chair & Elizabeth Kapp, Exhibits and Collections Curator

During the 2020-2021 season, the Collections Committee accepted 32 artifacts for the History Collection, 5 objects for the Archaeology Collection, 2 items for the Education Collection and one new book for the Museum's research library. Working alongside Carol Caldwell, Sarah Ziker, Gwen Harwood, and Bill Kosanke, we held monthly meetings to discuss potential donations and to continue researching the history of other objects found in collections. Our main focus this season has been determining what objects we have accessioned in the permanent collections. This has led to inputting and updating the digital database PastPerfect and inventorying the Museum's offsite storage locations. By undertaking this project, our goal is to better understand our collection and allow us to more easily use the artifacts we have for upcoming exhibits and programming. In addition, the Arizona Historical Society supported the Museum's collection through a grant, buying a computer for the collections room to make digital processing more streamlined.

MEMBERSHIP AND DONATIONS REPORT

2020-2021

Remington Pettus, Museum Program Coordinator

Cave Creek Museum's membership is one of the key components to driving the Museum. Our membership basis is one of our most important assets to the institution. Our current membership standings reside at 192 members. Overall, this is a drastic increase from the 2019-2020 season. Our 2019-2020 season finished with 148 members total. The Museum saw an increase in membership from many longstanding members of the community, with the month of February receiving over 20 memberships. The income for our Membership for the 2020-2021 season was \$7,805.00. I will continue to pursue building our membership base in the future.

The COVID-19 pandemic introduced financial hardships for people around the world. Although the financial strain became prominent, our donations from our members, volunteers, and community remained strong. Every year, staff and board create a year end campaign that is sent out to our members and non members mailing lists. Thanks to the efforts of Tom Kelley, Pete Peterson, and Charlie Connell, APS donated \$1,500.00 to honor volunteer hours in their annual "Dollars for Doers" Program. The year end campaign brought in \$19,271.84, a success in bringing in money to further our efforts to preserve and interpret the natural resources and cultural heritage of the northern Sonoran Desert. Alongside Tech 4 Life, a fundraiser was hosted on March 25th, 2021, raising \$386.00. Attendees who ate at The Horny Toad that brought in the event flyer or mentioned the Museum had 20% of their bill donated back to the CCM. Annually, Cave Creek Museum has participated in Arizona Gives Day. This year, On April 6th, 2021, the Museum received \$299.00 in donations from donors across the country in support. The passing of several longtime members of the Museum, Nancy Zeno, Geri Voss, and Beverly Brooks had \$1,045.00 donated in their loving memories. The Stamp Mill Demonstrations rake in funds to support the efforts of the Dream Team with Stamp Mill Maintenance, with donations for the season ending with \$592.00. For the 2020-2021 Cave Creek Museum season, the donations totaled \$24,269.02.

The donation and membership reports have been low this year in comparison with our records to prior seasons due to the COVID-19 Pandemic. Financially, Museums across the globe have struggled in donations and membership. I will continue to fight for and encourage people of the Desert Foothills communities to become a member or donate to the Museum.

MUSEUM STORE REPORT

2020-2021

**Darlene Southern,
Store Manager**

Since taking on the position of the Cave Creek Museum Store Manager, we have had a number of activities taking place simultaneously. I am currently updating the store SOP Manual, as there have been several updates to the POS system since it was originally written. Working with lists provided by Curator Elizabeth Kapp, Susan Herchenroether and I removed all objects from the store displays from the Gilford donation until the Curator and Collections Committee are satisfied that the objects have the appropriate documentation to allow non accessioned donations to be sold (Per AAM Code of Ethics). Susan Herchenroether and I have also been confirming counts of POS inventory to actual goods. I have been creating price tags with barcodes to replace handwritten tags, which will keep our inventory numbers more accurate in the future. I have also been researching the best online shopping platforms for Quickbooks. As often as possible, I am visiting local museums and surveilling their museum stores looking for best practices and ideas for displays and interesting goods we might add to the CCMS inventory. I have also been writing book reviews for Nuggets, the Cave Creek Museum's monthly newsletter.

Once the Museum closes on May 31st, I will be able to empty the three storage areas in the Store and inventory the contents. Using this inventory plus a Sales History Report, I will be able to submit a list to the Executive Director and Board of Directors items that should be deeply discounted, used as prizes for fundraisers, or just donated to another non-profit.

Historically, the CCMS's greatest sales volume is books. The Town of Cave Creek does not have a bookstore. It only makes sense that we focus on filling that niche, by not only carrying books that present the history of the towns and areas of the Cave Creek Mining District and the local flora and fauna, but books that more broadly represent the Southwest both in fiction and non-fiction. This would be in conjunction with the creation of a CCMS online shop that would allow our inventory to be made available worldwide. Not only does this provide us a greater pool of consumers, but properly done, it is a way to promote the Cave Creek Museum globally.

Unfortunately, sales numbers for the 2020-2021 season are dismal and reflect that the Museum was closed for many months during the busiest part of our year. But my hope is that focusing on books in a wide variety and making them available not only to our community and guests, but the world at large can push CCMS into being a true profit-making center for the Museum.

Respectfully submitted,

Darlene Southern

Cave Creek Museum Store Manager

CAVE CREEK MUSEUM *NUGGETS*

2020-2021

**Remington Pettus,
Museum Program Coordinator**

The Cave Creek Museum *Nuggets* Newsletter is the heart and soul of the Cave Creek Museum membership and an opportunity to reach out to our community, guests, and those interested in local history. Traditionally, the Cave Creek Museum *Nuggets* just went out to members as a membership perk. Interim Suzanne D. Johnson and myself have increased our overall mailing list, including membership recipients, to 554 recipients total!

Throughout the 2021-2022 season, several Museum leaders and volunteers have contributed to the newsletter, including Cave Creek Museum Historian Kraig Nelson, Dream Team Leader and Stamp Mill Expert Charlie Connell, Board President Vince D'Aliesio, Interim Executive Director Suzanne D. Johnson, Intern Nicole Rodrigues, Exhibits and Collections Curator Elizabeth Kapp, Collections Chair Kathy Pedrick, and myself as Museum Program Coordinator. The overall font of the Newsletter has remained in Arial font in the size 10, with each picture being outlined with size 2 borders. Upcoming events and Arizona Gives Day were both promoted in the newsletter, allowing Cave Creek Museum to extend further outreach across the Valley.

Cave Creek Museum intern Nicole Rodrigues is working on redesigning the *Nuggets* newsletter layout for the 2021-2022 season. The goal for next season would be to potentially offer the newsletter bimonthly to make the newsletter more concise.

PROGRAM REPORT 2020-2021 Remington Pettus, Museum Program Coordinator

As the 2020-2021 season began to rapidly approach, the idea of programming became a significant priority for me as the Museum Program Coordinator. Many schools and other institutions had to close its doors and halt programming because of the pandemic. I decided, regardless of the status of the world, I would continue to pursue programming whether it be virtual or in person. Below is the list of programs that occurred for children during the 2020-2021 every second Sunday of the month from 2-4 pm:

November 15th, 2020: Be a Miner for a Day

Cave Creek Museum's very own Dream Team provides an in depth look at how miners conducted placer mining, where they mined from an open stream panning for gold! You don't want to miss this grand reveal of Cave Creek Museum's Gold Panning Display.

December 13th, 2020: Merry Christmas, Arizona

Have you ever wondered how residents of the Southwest decorate their Christmas tree? Take home a saguaro themed craft and reconstruct your very own Christmas tree. Make sure to tag our social media websites so we can see your work!

January 10th, 2021: Desert Safety in the Sonoran Desert

Gila monsters, rattlesnakes, chuckwalla, oh my! Learn about desert wildlife and safety in the northern Sonoran Desert with special guests, Phoenix Herpetological Society.

February 14th, 2021: Paleontology or Natural History of Arizona

Celebrate and learn about local paleontology or natural history of Arizona by touching local fossils or studying a new species.

March 14th, 2021: CCM Celebrates Archaeology Month!

Cave Creek Museum celebrates archaeology month with special guests, CCM curator Liz Kapp and former state archaeologist Kathy Pedrick! Learn about the unique archaeology of the Southwest and take home a coloring page to craft your own pottery.

April 11th, 2021: CCM Celebrates Cave Creek!

The year of 2020 marked several milestones for Cave Creek. Cave Creek turned 150 years old and the Cave Creek Museum turned 50 years old. Due to the pandemic, celebrations were put off for both occasions. Join the Museum as we celebrate both birthdays and honor the heritage of Cave Creek. Take home prizes and even some sweets!

May 9th, 2021: Starry Nights in the Solar System

Star gaze from the comfort of Cave Creek Museum. Learn about the solar system and space that resides above the Arizona landscape featuring guest speakers, Lowell Observatory.

Unfortunately, there were limited fundraisers held during the 2020-2021 due to Covid-19 and the restrictions on attendance in the state of Arizona. The Horny Toad fundraiser brought in \$386.00 as an all day fundraiser event planned by Tech 4 Life's Jen Miles for the Community Partner Program. For the 2021-2022 season, I plan to make it a very successful year. My biggest goal is to bring the community together and hold programs that encourage community involvement.

There will be several changes to how the Museum conducts programming during the second weekend of the month. Our Kiwanis Family Sundays programs will move to the same day as the Stamp Mill Demonstration, which runs on the second Saturdays of the month. This is to draw more attention to the children's programs at the Museum and draw from the same crowd to provide attendees an all day experience. There will also be two Stamp Mill Runs on that second Saturday, with the first run at 11:30 am and the second run at 1:30 pm. In turn, the second Saturdays of the month will be called Kiwanis Family Days.

I have begun a partnership with Dr. Cort Monroe, the new Superintendent of the Cave Creek Unified School District. Together we are working towards drawing children in from the nearby schools to learn more about their local history.

PUBLIC RELATIONS REPORT
2020-2021
Vickilyn Hussey,
Trendlab

TECHNOLOGY, WEBSITE, & SOCIAL MEDIA 2020-2021

Amy Dunn, Social Media Consultant
Bill Watters, Videographer

Social Media Analytics for the 2020-2021 Season:

Facebook (2020)

2019 - Total Page Likes 2,010

2020 - Total Page Likes: 2,349

339 - New Page Likes in 2020

Busiest Traffic Days

- #1. Thursday
- #2. Monday
- #3. Friday
- #4. Sunday
- #5. Tuesday
- #6. Wednesday
- #7. Saturday

Best Times

Morning

- #1. 8:00am
- #2. 9:00am

Afternoon

- #1. 1:00pm

Evening

- #1. 6:00pm
- #2. 7:00pm
- #3. 5:00pm
- #4. 4:00pm

Page Followers

Women	Men
68%	30%

Page Fans

Women	Men
68%	30%

Total Reached

Women	Men
66%	33%

Total Engaged

Women	Men
75%	23%

Most Popular Posts

#1.	Simon Karlin Eagle Scout	8.6K Reached
#2.	Miner on the Move	7.0K Reached
#3.	Cave Creek – Creek	6.1K Reached
#4.	Tuberculosis Cabin	4.7K Reached
#5.	Reddick Cartwright	4.2K Reached
#6.	Volunteer Paul Dief	3.8K Reached
#7.	Lester Rechlin Mural	3.5K Reached
#8.	Hugh Down/Gerry Jones	3.1K Reached
#9.	Volunteer Debbie Peterson	3.1K Reached
#10.	Bart Thank You	3.0K Reached

Instagram**2020**

755 Followers	725 Following
72.8% Women	27.2% Men

Age Demographic

13-17 .3%
 18-24 2.9%
 25-34 15.6%
 35-44 21.9%
 45-54 29.2%
 55-64 21.4%
 65+ 8.8%

City

25.2% Phoenix
 20.7% Cave Creek
 15.3% Scottsdale
 6.2% Carefree
 2.1% New River

Most Popular Days

#1. Thursday
 #2. Wednesday
 #3. Friday

Most Active Times

Morning: 6:00am & 9:00am
 Afternoon: Noon & 3:00pm
 Evening: 6:00pm & 9:00pm

Most Popular Posts

#1.	Prickly Pear Cactus	495 Reached	74 Likes	
#2.	Hugh Downs Passing	417 Reached	41 Likes	
#3.	Simon Karlin	312 Reached	41 Likes	
#4.	Sheeps Bridge	281 Reached	51 Likes	5 Comments

#5.	Gold Panning Station	270 Reached	34 Likes	
#6.	Black Mountain	269 Reached	48 Likes	2 Comments
#7.	Artifact Bowl	261 Reached	43 Likes	
#8.	Bartlett Dam	242 Reached	27 Likes	
#9.	Sebastian Hunter	241 Reached	38 Likes	
#10.	Prehistoric Sandals	237 Reached	32 Likes	4 Comments

Google (Last Quarter)

Last Quarter:

Total Actions from Google

Total Views 286K (24.7 on Search and 261K on Maps)

850 Website visits from Google

576 Requested Directions, 282 from USA. (76-Phoenix, 56-Cave Creek, 32-Scottsdale, 30-Carefree, 17-Glendale, 17-Mesa, 16-Surprise 10-Chandler, 10-Tempe)

44 Called you from google

621K Photo views

19 Reviews (5 - 4 Star, 14 - 5 Star)

YouTube (Last 365 Days)

141 Subscribers

129 New Subscribers – Up 999% from 2019

15 Videos (Where History Lives Series)

View Rating

(Per Google Analytics: A **good average view duration** should be between 50 to 60%.

And videos with 70% or higher are performing extremely well.)

Total Views 2,618

Not Subscribed 87.1% - 2,302

Subscribed 12.9% - 316

141.5 hours: **Watch Time Hours**

1.	1,147 Mobile Phone	53.6 watch time hrs.
2.	814 Computer	42.2 watch time hrs.
3.	316 Tablet	18.7 watch time hrs.
4.	260 TV	22.9 watch time hrs.
5.	7 Game Console	0.2 watch time hrs.

Top Videos

#1.	Meet Hard Rock Harry	95.7% view rate
#2.	Tuberculosis Cabin	90.5% view rate
#3.	AZ Mining History	89.9% view rate
#4.	Where History Lives Intro	78.9% view rate
#5.	Mr. Cave Creek Lester Rechlin	74.8% view rate
#6.	Golden Reef Stamp Mill History	73.5% view rate
#7.	Bob Boze Bell True West moment	73.1% view rate
#8.	A to Z Cave Creek Museum	72.9% view rate
#9.	Where History Lives Episode 1	70.2% view rate
#10.	Volunteer at CCM	61.0% view rate (only a week old)
#11.	Established in 1870	60.0% view rate
#12.	Cave Creek Uncovered	57.0% view rate
#13.	Fox 10 at CCM	52.8% view rate
#14.	Meet a Blacksmith	47.6% view rate
#15.	5 C's	30.3% view rate

(*Avg.-16.7% longer video)

VOLUNTEER REPORT

2020-2021

Remington Pettus, Museum Program Coordinator

Volunteers are the lifeblood of any organization, especially the Cave Creek Museum. For the past 51 years, Cave Creek Museum has grown and been able to honor local heritage because of our wonderful volunteers. Yet, the year of 2020 changed the way volunteers in an organization operate. Cave Creek Museum shut our doors on March 13th, 2020, and suspended volunteer efforts for the time being. As volunteer coordinator, this was devastating to many of the volunteers efforts and the hard work over the course of the 2019-2020 season. Despite the world around Cave Creek Museum changing, and other institutions suffering the loss of not being able to have their volunteers conduct activities, Cave Creek Museum continued to flourish.

I challenged our volunteers to reach out to one another. I sent links to puzzles and games. I made individual phone calls to many, reaching out to see if anyone needed any groceries, fun activities, and to make friendly conversation. Our lovely Dream Team even assisted cleaning up a volunteer's yard as she was physically unable to, and some of their wives who are also volunteers helped her get her dogs to other homes.

I was selected out of many other candidates to discuss the dedication of our volunteers by American Alliance of Museums in two separate articles in regards to "Museums and Older Volunteers During COVID-19". Our volunteer endeavors were praised heavily by American Alliance of Museums, and I am very thankful for the opportunity to bring attention to our phenomenal volunteers.

Due to our volunteer efforts, the Museum has undergone a massive sense of growth during the 2020-2021 season even though we were shut down due to COVID-19. With the help of the Dream Team under the guidance of Exhibits and Collections Curator Elizabeth Kapp, the plexiglas was installed in the newly renovated History Wing. Tom Kelley, Pete Peterson, and built over twenty pedestals to hold artifacts in the History Wing. Tom Kelley painted the Museum bathrooms alongside Reg Monachino. Charlie Connell, with the help of the Dream Team, built

the new Gold Panning Display over the summer of 2020 to allow children to experience the process of placer mining. Paul Diefenderfer welded a new cover from a fire for our historic steam engine. Darlene Southern took over the Museum Store, and became a driving force behind organizing the store inventory and encouraging visitors to purchase our unique store items.

Many of our docents and other volunteers have slowly returned back to the Museum once receiving their COVID-19 shots. Our current volunteer roster sits at 60 volunteers, with some coming from other Museums and from across the valley.

The Cave Creek Museum volunteer program is like no other volunteer program. Countless hours and hard work has been conducted, encouraging the Museum to grow and provide new exhibits and programs. Our volunteers are like family, constantly encouraging each other and becoming outstanding examples of community service.

GOLDEN REEF 10-STAMP MILL ACTIVITIES 2020-2021

**Charlie Connell,
Dream Team Leader and Stamp Mill Expert**

Committee Chairperson: Outside Exhibits Budget Line Item: Stamp Mill, Tramway, Panning
Example: (Museum Store: Store Equipment)

1. Summary of proposal:

NOTE: The following displays will be run on a monthly basis, the
Second Saturday of each month and other times as needed

Golden Reef 10-Stamp Mill was made operational in 2014. We are now
conducting periodic maintenance that will require annual service including
putting preservative on the wood surfaces, purchasing lubricants, servicing the
engine, fabricating keys, shoe shims & socks.

Golden Reef Mine Tramway was made operational in 2019. We are now
conducting periodic maintenance that will require annual service including
putting preservative on the wood surfaces, purchasing lubricants, structural
inspection of each tower, and servicing the motor.

Panning Station was made operational in 2020. We will be conducting panning
demonstrations periodically when the COVID-19 virus subsides. This will
require a supply of gold pans, Pyrite, minerals, baggies to hold the specimens,
and containers for the minerals that are collected during the panning activity

Fairbanks Engine & Jaw-Roller crusher was made operational in 2020. The
machine runs on propane and is oil lubricated. This machine needs periodic
operations to keep it in good running condition. We are considering replacing
the propane regulator, installing an accumulator and purchasing a new 50
gallon propane tank. The crusher requires lubrication only.

Crab Winch was made operational in 2021. This device requires periodic
greasing only.

Mine Display is presently under construction with completion scheduled in 2021. We need the following items for the display including (21) timbers 5"X6" X 6' for the ribs, (18) 18" X 8' sheets of used galvanized, multimedia Mine Installation, (1) sump pump, and PVC for drainage and sump pump discharge line.

Amalgamation Drum has been installed and is projected operational in 2021. There is still some work to be done on the project. We need a motor driver, chain drive and sprocket to drive the display.

Property Illumination All of the displays need lighting to illuminate the key components and security cameras installed in strategic locations around the stamp mill and the tramway. This is very important as explained in line item #5.

Property Landscaping The museum volunteers have been performing the landscaping and have done a good job and this has saved at least \$1,200 dollars per year that the landscaping company would receive. We have purchased tools so the volunteers do not need to bring their tools. We still need a weed wacker, large garbage bags, and gloves.

Security Cameras and Lighting that still needs to be installed. A camera and light survey was conducted, taking into consideration the existing cameras and lighting. As a result there were (3) security cameras and (2) motion activated security lights that have been purchased and are presently being installed. There may be some additional expenses not observed in the enhancements.

Signage There have been (3) signs that will be installed to interpret the Stamp mill, Placer display and Hydraulic mining. These will be donated.

2. Budget Request Amount 2021-2022
See attached spreadsheet
3. Amount Spent in this area for fiscal year 2021-2022
Do not know

4. If there is a variance from year to year, why?

We have been revisiting the outside displays to improve the overall outside experience. The construction mode is still in progress. With that comes unexpected variances that were handled. Since there are (2) additional displays we still may see some unexpected costs.

5. Impact if we are unable to fund the proposed request.

The security and lighting for the stamp mill, tramway and additional displays have been evaluated. There is a potential for possible vandalism. There is an enclosure "6' fence" around the displays to prevent someone from just walking into the area. There has been no theft or damage, so far, but this is something that should be acted on. Many of the components in these displays are not easily replaced and could render the displays in-operable. We need a proper security system to observe and protect our valuable artifacts.

6. Are you aware of any grant and/or contribution funds we should research to help fund this request? If so, please share contact info.

The Four Peaks Questers organization has supported the Golden Reef Mine Project in the past. We have not communicated with them for about (2) years. They had expressed continued interest in our museum, so we should maintain contact with them for possible additional funds for historical artifacts restoration.

7. How will the money be spent (line item description or project description?)

Outside displays including the Stamp Mill, Tramway, Fairbanks Engine, Crab winch, Amalgamation drum, and Panning Station Projects.

Budget Request Amount 2019-2020

Month Spreadsheet

NOTE: The items below may not be purchased this year, but due to failure it is possible.

Stamp Mill Upkeep Maintenance

Lubricants <u>(3) tubes general purpose grease & (1) qt. 30 wt. oil</u>	\$20.00
September: <u>Engine oil change, radiator clean, inspect 2 year (as needed)</u>	\$350.00
October: <u>Replace Carpet on the Sluice table 2 year</u>	\$50.00
October: Shaker Table upkeep epoxy annual	\$100.00
November: <u>Wood preservative application (4 gallons), annual</u>	\$300.00
December: <u>Replace PVC liners on the guides & Silicon for liners & cam lobes</u>	\$60.00
January: <u>Rework/replace (2) keys annual (as needed)</u>	\$50.00
February: <u>Check/replace belts on air compressor, shaker, & crusher (as needed)</u>	\$100.00
March: <u>Cistern (2) Sump pumps Replacement (if failure occurs)</u>	\$470.00
April: <u>Cistern Cleanout 5yearly (as needed)</u>	\$500.00
Total	<u>\$2,000.00</u>

Tramway Upkeep Maintenance

Lubricants <u>(1) tube general purpose grease</u>	\$5.00
July: <u>Inspect wire guide stiffeners for deterioration (new plates)</u>	\$30.00
November: <u>Wood preservative application (2 gallons)</u>	\$120.00
February: <u>Inspect/change the rubber roller on the drive mechanism</u>	\$150.00
Total	<u>\$305.00</u>

Panning Station Maintenance

June: <u>Inspect for leakage and repair any damage on the troughs</u>	\$30.00
November: <u>Wood preservative application (1 gallons)</u>	\$60.00
September: Replace sump pump 4 yearly (as needed)	\$200.00

October: Gold pans, pyrite, minerals, sample bags, specimen bottles	\$100.00
Total:	<u>\$39.00</u>

Mine Tunnel Construction

June: Install the Multimedia Mine display (see attached proposal)	\$575
June: Install sump pump in the back of the tunnel	\$200.00
June: Install a drain system to divert water away from Tunnel Concrete & PVA	\$50.00
Total:	<u>\$825.00</u>

Amalgamation Drum

June: Install the motor on amalgamation drum	\$275.00
July: purchase sprocket and chain drive for motor	\$100.00
Total:	<u>\$375.00</u>

Fairbanks Engine Modification

5 gallon surge propane supply tank	Donated
Pressure Regulator	\$130.00
40 # Propane tank	\$130.00
Piping and fittings for the modified system	\$40.00
Total:	<u>\$300.00</u>

Museum Yard Landscaping

Plastic bags gloves	\$35.00
Spray Defoliant weed killer	\$100.00
Herbicide & pre-emergent	\$250.00
Weed Wacker fuel	\$20.00
Total:	<u>\$405.00</u>

Grand Total:	<u>\$4,600.00</u>
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IN MEMORIAM

2020-2021

Joan Rime (1942 - 2020)
Geri Voss (1933 - 2020)
Nancy Zeno (1941 - 2020)
Beverly Brooks (1938 - 2021)
Sharon McGuire (1942 - 2021)

PRELIMINARY CALENDAR OF EVENTS 2021-2022

The Cave Creek Museum is still in the process of planning events for the 2021-2022 season. The Preliminary Calendar of Events is listed below:

September

- Volunteer Training (TBD)
- Membership Reception (September 25th, 2021)

October

- October 1st, 2020: Cave Creek Museum opens for the Season (1:00 pm - 4:30 pm)
- October 9th, 2020: Stamp Mill Demonstrations (11:30 am and 1:30 pm)
- October 9th, 2020: Kiwanis Family Days: SuperHero Science (2:30 pm - 4:30 pm)

November

- November 13th, 2020: Stamp Mill Demonstrations (11:30 am and 1:30 pm)
- November 13th, 2020: Kiwanis Family Days: G(2:30 pm - 4:30 pm)
- Miner's Dinner

December

- December 11th, 2020: Stamp Mill Demonstrations (11:30 am and 1:30 pm)
- December 11th, 2020: Kiwanis Family Days: Excavate and Educate (2:30 pm - 4:30 pm)

January

- January 8th, 2021: Stamp Mill Demonstrations (11:30 am and 1:30 pm)
- January 8th, 2021: Kiwanis Family Days: Painting in the Desert Foothills (2:30 pm - 4:30 pm)

February

- February 12th, 2021: Stamp Mill Demonstrations (11:30 am and 1:30 pm)
- February 12th, 2021: Kiwanis Family Days: Desert Botany (2:30 pm - 4:30 pm)

March

- March 12th, 2021: Stamp Mill Demonstrations (11:30 am and 1:30 pm)
- March 12th, 2021: Kiwanis Family Days: Desert Foothills Theatre Workshop (2:30 pm - 4:30 pm)

April

- April 9th, 2021: Stamp Mill Demonstrations (11:30 am and 1:30 pm)
- April 9th, 2021: Kiwanis Family Days: Seasonal Event (2:30 pm - 4:30 pm)

May

- May 14th, 2021: Stamp Mill Demonstrations (11:30 am and 1:30 pm)
- May 14th, 2021: Kiwanis Family Days: TBD (2:30 pm - 4:30 pm)

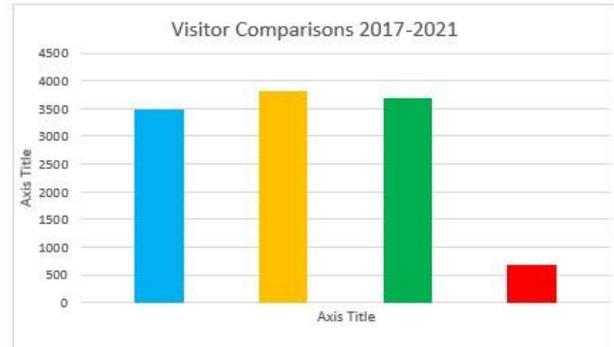
CAVE CREEK MUSEUM ATTENDANCE 2017-2021

2017/18	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	TOTAL
US Residence	284	348	370	404	588	657	434	226	3311
Non-US	12	16	17	12	61	44	16	0	178
TOTAL	296	364	387	416	649	701	450	226	3489

2018/19	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	TOTAL
US Residence	445	296	447	587	616	693	371	360	3815
Non-US	20	21	24	42	54	28	30	8	227
TOTAL	465	317	471	629	670	721	401	368	4042

2019/20	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	TOTAL
US Residence	376	361	373	629	941	890	0	0	3570
Non-US	17	7	15	41	32	6	0	0	118
TOTAL	393	368	388	670	973	896	0	0	3688

2020/2021	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	TOTAL
US Residence	0	89	71	72	186	259	0	0	676
Non-US	0	0	0	0	0	6	0	0	6
TOTAL	0	89	71	72	186	265	0	0	676



To Date as of April 16th, 2021

80.63% decrease over 2017-18
83.28% decrease over 2016-17
81.67% decrease over 2018-19

Seasons	October	November	December	January	February	March	April	May	Overall
2017-2018 v. 2018-2019	59.1%	-12.9%	21.7%	51.2%	3.2%	2.9%	-10.9%	59.3%	21.70%
2018-2019 v. 2019-2020	-15.5%	-16.0%	17.6%	-6.5%	45.3%	24.3%	-100.0%	-100.0%	-8.8%
2019-2020 v. 2020-2021	-100.0%	-75.8%	-81.7%	-89.3%	-80.9%	-70.4%			