

FRESNO CHAFFEE ZOO



2013 ANNUAL REPORT







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### On the Cover:

Photo of Komodo dragon, *Varanus komodoensis*, by Ryan Gruber, Fresno Chaffee Zoo Reptile Keeper

### This page:

Photo of Common ostrich, *Struthio camelus*, by Franz Emerson, 2013 ZOOM Photo Contest, first prize winner in the category, *Humorous*



## FRESNO CHAFFEE ZOO MISSION

*To inspire wonder of our natural world, provide an engaging learning environment, and create a passion for conservation.*

## FROM THE DIRECTOR'S DESK



**2013** was another remarkable year for Fresno Chaffee Zoo, and we have our great community to thank for it. The Zoo saw a record 691,320 guests visiting, up from the previous record (2012) by over 110,000! While most of our guests were from Fresno County, that number included visitors from 47 states and Washington DC, as well as 15 countries. Visitors from Germany, UK, Japan, New Zealand, Argentina, and many others were among our guests. Even more importantly, we had 50,000 students visit with their schools.

In 2013, we completed the design of African Adventure that will bring lions, rhinoceros, cheetahs, meerkats, wildebeest, African elephants, and many other African species to our Zoo. In partnership with the Gar and Esther Tootelian Foundation and California State University, Fresno, we opened Valley Farm; recognizing the importance of agriculture to our community and teaching children more about how their food is grown.

We also opened our King Cobra and Komodo Dragon exhibits, continuing the improvements to our Reptile Building.

With help from the County Board of Supervisors, Fresno City Council, Fresno County Zoo Authority, Zoo Corporation Board, Mayor Swearingin and Congressman Costa, we achieved a major accomplishment for the future of Fresno Chaffee Zoo, opening the way for the Zoo's expansion and the beginning of African Adventure. In the next few years the Zoo will double in size, with the 13 acre African Adventure as the first phase of this new area.

We're proud of our community, and proud to serve our community. We're very grateful for the support we receive through friends and families visiting, our Zoo members, and the remarkable support we receive through Measure Z. We'll continue to strive to be the best stewards of the trust and resources our community has given us.

- Scott Barton, CEO/Zoo Director

### FRESNO CHAFFEE ZOO HISTORICAL TIMELINE THE FIRST 100 YEARS

1903

Frederick Roeding, pictured below with grandchild, donates 75 acres of land to City of Fresno for creation of a park



1908

As per F. Roeding, a small zoo opens on 5 acres with 2 bears and 50 birds



Cleaning hail from bird enclosures after storm 1926



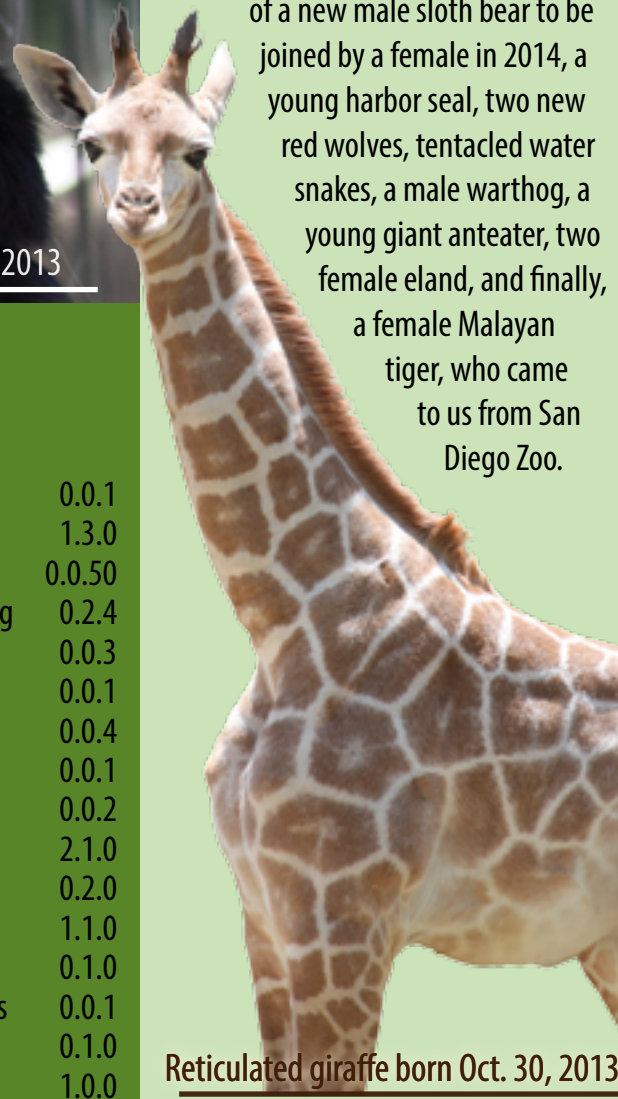
# ANIMAL COLLECTION



Colobus monkey female with infant born April 14, 2013

OUR ANIMAL CARE TEAM was busy this year with many hatchings and births. Significant reproduction highlights include two keel-billed toucan chicks, three blue-crowned motmot chicks, a blue duiker calf, one female Eastern black and white colobus baby, and the Zoo's 21<sup>st</sup> reticulated giraffe birth.

We have added to our diverse animal population through the acquisition of a new male sloth bear to be joined by a female in 2014, a young harbor seal, two new red wolves, tentacled water snakes, a male warthog, a young giant anteater, two female eland, and finally, a female Malayan tiger, who came to us from San Diego Zoo.



Reticulated giraffe born Oct. 30, 2013

## ANIMAL COLLECTION 2013 TOTALS

<b>FISH</b>	
Species: 9	Individuals: 117
<b>INVERTEBRATES</b>	
Species: 3	Individuals: 64
<b>AMPHIBIANS</b>	
Species: 16	Individuals: 107
<b>REPTILES</b>	
Species: 66	Individuals: 179
<b>MAMMALS</b>	
Species: 47	Individuals: 118
<b>BIRDS</b>	
Species: 75	Individuals: 227

## BIRTHS

Cownose ray	0.0.1
Southern red stingray	1.3.0
Midas cichlid	0.0.50
Green & black poison dart frog	0.2.4
Kaiser spotted newt	0.0.3
Pacific pond turtle	0.0.1
Baker's spiny-tailed iguana	0.0.4
Prehensile-tailed skink	0.0.1
Cape thick-knee	0.0.2
Blue-crowned motmot	2.1.0
Keel-billed toucan	0.2.0
Sun conure	1.1.0
Prehensile-tailed porcupine	0.1.0
Eastern black & white colobus	0.0.1
Blue duiker	0.1.0
Reticulated giraffe	1.0.0



THE RENOVATION and improvements in our new Valley Farm (formerly Small Wonders) were made possible through the generous support of Mrs. Karen Musson and the Gar & Esther Tootelian Foundation. Bennett & Bennett Irrigation, Fresno State Plant Science Club, and Fresno County Farm Bureau donated time, irrigation, manpower, crops and fruit trees. Reedley 4-H and Golden State Buildings built & donated the chicken coop.

These relationships brought together many different facets of the Fresno County agricultural community to make Valley Farm more indicative of agriculture in the Central Valley. Along with chickens, our mule, Twyla, was added in 2014, and Fresno State University students developed and maintain a demonstration garden of crops important to Fresno County agriculture.



1929

The official opening of Roeding Park Zoo, nationally recognized as a zoo by AZA, Association of Zoos and Aquariums (formerly AAZPA)

1932

Dedication Ceremony for African Lion exhibit presented by Fresno Lions Club (background image)

1936

Cat Barn exhibit is constructed with WPA (Work Projects Administration) funds for \$4,000

1947

Eldon "Curley" Blocker becomes first Zoo Foreman - hired from San Diego Zoo



"Curley" Blocker and "Nosey"

1949

Asian elephant "Nosey" purchased with money collected by the children of the Central Valley



## 2013 ACQUISITIONS

Armenian viper	1.0.0
Black-spine-necked swamp turtle	1.0.0
Boer goat (domestic)	1.0.0
Colorado desert sidewinder	0.0.1
Domestic chicken	0.6.0
East African eland	0.2.0
Eastern indigo snake	2.1.0
European Ferret	0.1.0
Fennec fox	1.0.0
Giant anteater	0.1.0
Goeldi's monkey	0.1.0
Golden conure	0.0.1
Green crested basilisk	0.0.5
Harbor seal	0.1.0
Hooded merganser	0.1.0
Indochinese box turtle	1.1.0
Jersey calf	0.2.0
King cobra	0.1.0
Komodo dragon	1.0.0
Malayan tiger	0.1.0
Mali spiny-tailed lizard	1.1.0
Mangrove snake	0.1.0
Matamata turtle	0.1.0
Pacific pond turtle	1.1.5
Panamanian golden frog	3.2.1
Philippine viper	2.2.0
Pygmy goat (domestic)	2.0.0
Red wolf	1.0.0
Six-banded armadillo	0.1.0
Sloth bear	1.0.0
Southern screamer	1.1.0
Speke's gazelle	2.0.0
Sun conure	2.1.0
Tentacled snake	0.0.15
Troupial	1.1.0
Twist-necked turtle	0.1.0
Vogel's pitviper	2.0.0
Warthog	1.0.0

1 MALE ANIMAL =	1.0.0
1 FEMALE ANIMAL =	0.1.0
1 ANIMAL OF UNKNOWN SEX =	0.0.1



To kick off our spring at Fresno Chaffee Zoo, the first project of the year, supported through Measure Z, was the renovation of our old sea lion exhibit into an engaging habitat for a pair of young African spotted-necked otters. The exhibit, which opened in March, was given a complete facelift and planted areas were added which the otters enjoy rolling around in after a dip on a hot summer day.



August 17<sup>th</sup>, was the debut of our King Cobra, Komodo Dragon, and other state-of-the-art Asian exhibits in the Reptile House. This second Measure Z supported project utilizes large spaces that transport guests to a Cambodian temple that has succumbed to the jungle. Our eleven foot king cobra, and our six year old Komodo dragon, have delighted our guests through their naturally curious behavior and their tendency to interact with people through the exhibit windows.

- Dan Subaitis, General Curator



# MEASURE Z

*In 2004, our community believed in the Zoo and boldly supported Measure Z with 73% of the vote. - Scott Barton, CEO/Zoo Director*

In 2004, Fresno County voters overwhelmingly approved Measure Z to repair animal exhibits and aging Zoo facilities, and bring back more large animal exhibits to Fresno Chaffee Zoo. Over the past ten years, with Fresno County donating just 0.1% of its sales tax to "Save Our Zoo," Measure Z has generated \$110 million.

One-third, or about \$33 million, of Measure Z revenue is being used to support Zoo operations and two-thirds, about \$66 million, is dedicated to capital improvement projects. Those improvements have included the renovation of older animal exhibits for new animals like the African spotted-neck otters and the creation of spectacular new exhibits like Sea Lion Cove.

General enhancements have included landscaping, the giraffe pathway, and the front entrance to the Zoo. Measure Z funding also helps keep Fresno Chaffee Zoo affordable for families and all County residents, providing educational and conservation opportunities for children and adults throughout Fresno County.

The passing of Measure Z in 2004 allowed for the following new exhibits and improvements:

- Stingray Bay
- Dino Dig
- Sea Lion Cove
- African River Otter Exhibit
- Horticultural improvements
- Walkway improvements
- Reptile House renovation
- Tropical Treasures renovation
- Bird of Prey renovation
- Tiger Exhibit renovation
- Upcoming African Adventure



African Adventure will be the most significant project completed with the funds from the first ten years of Measure Z. Currently under construction, this world-class, multi-species exhibit is scheduled to open in 2015.

1949

Fresno Zoological Society is formed to create interest in development of the Zoo

THE 1950's

Expansion Plan for "10 exhibits in 10 years" opens: camel, sea lion, monkey, (Monkey Island), giraffe, hippopotamus, flamingo, gorilla, orangutan, bear (3 species) and rhinoceros exhibits through the 1950's and early 60's

1954

Sea lion exhibit opens



1955

Bear exhibit opens



1957

Roeding Park Zoo becomes an Institutional Member of American Association of Zoological Parks and Aquariums



# EDUCATION



The Education Department not only provides programs for school groups, children and families, it also works with a large group of volunteers who help us present activities, animal encounters and deliver programs to all ages. Last year, volunteers assisted with school programs, fundraising events, animal care, exhibit interpretation and community events for a total of over 29,000 hours.

Community members also volunteered their time and shared their expertise to help us make some changes in the petting zoo. The result was the creation of **Valley Farm**. Formerly known as Small Wonders, it went from being just a petting zoo to a full agricultural experience. Thanks to our generous sponsors and the support of the agricultural community, we were able to incorporate areas to display seasonal crops and citrus trees. A chicken coop was added and 4-H members volunteer their time in the area to educate our guests about poultry. The perimeter fence was updated to have a farm appeal and a new entrance created to welcome guests into the area. The growth will continue into 2014 and 2015 with the addition of more goats, a mule, rabbits and turkeys. More interactive opportunities for children to learn about the importance of agriculture here in the valley, will also be added.

An education program which changed

dramatically in 2013 was our **Behind the Scenes Encounters**. Historically, school groups and other organizations have had the opportunity to go "Behind the Scenes" and catch a glimpse of the life of a zoo keeper. Taking tours of the elephant barn and reptile facility enabled students to gain a deeper understanding of animal care and even training. Last summer, this program expanded its boundaries to allow guests to get a lot closer to the animals. Exciting small group encounters now include hand feeding an Asian elephant, petting a kangaroo and scratching the neck of an enormous Galapagos tortoise! Imagine spending some time in the lagoon of Sea Lion Cove with one of our California sea lions. Some of these encounters even include taking away a one-of-a-kind piece of animal artwork. An elephant painting or a sea lion nose print provides the opportunity to take home more than the memory and helps forge a deeper connection with wildlife and wild places.

## 2013 TOTALS

### ON-SITE PROGRAMS

After Hours  
Ask Me Cart  
Chats  
Alpaca visits  
Llama visits  
Raptors Encounters  
Story Tellers  
Teen LEADERS

**Non-fee-based**  
**134,278**

Rainforest Tours  
Zoo Previews  
Zoo Tours  
Teacher Workshops  
Lab Programs

**Fee-based**  
**school programs**  
**10,382**

NEW Behind the Scenes  
Backstage Tours  
Birthday Encounters  
Twilight Safaris  
Overnights

**Zoo Adventures**  
**2,071**

Tot Time  
Zoo Academy  
Cubby Camp  
Zoo Adventure Camp  
Shadow a Keeper  
Young Naturalist Classes

**Zoo Camp**  
**Adventures**  
**2,778**

### OFF-SITE PROGRAMS

Zoomobile  
Zoo Talks

**Fee-based**  
**15,278**

Beach Clean-up  
Outreach  
Community Events

**Non-fee-based**  
**13,964**

**GRAND TOTAL**  
**178,751**  
**PARTICIPANTS**

## The long term impact on our youth...

Our Zoo Camp program has been a part of Fresno Chaffee Zoo for many years. Each year participant evaluations help improve the experience. Pre and post program drawings also have provided insights into camper learning and program impact. As an organization we wonder what the long term impact of our programs might be.

Jared Price, pictured below in 2011, attended many of our camp programs and went on to assist with our Teen LEADER, teen volunteer interpreter program. This last year he headed off to college. In his writings he offers a glimpse of our organization's impact:



Often I am asked why I continue to carry around my old tarnished metal bottle instead of ditching it for a new one. But for me, my Fresno Chaffee Zoo bottle stands for something greater than its material essence. It reminds me of a commitment to live sustainably, a long list of amazing adventures we have gone on together, and, most of all, an organization that grew me into the person I am today.

- Jared Price

Photo: Escuela Basica John F. Kennedy, Dominican Republic, Jared Price

*Inspired by my work in education at Fresno Chaffee Zoo, I spent spring break in the Dominican Republic participating in an educational service project through my university. Our team spent a week teaching English to children at a local elementary school. And, though I promise by coincidence, our curriculum for the week was to teach English language lessons about animals. I definitely had some experience under my belt on that subject, so teaching was natural. I surely have Fresno Chaffee Zoo to thank for that preparation. All in all, the week was incredible; full of amazing experiences, new friendships, and a beautiful culture.*

*Sustainability plays a large role in the Dominican Republic, from necessity, as resources there are not plentiful. Water is precious and never to be wasted, food scraps always go to good use (our organization donated theirs to a local pig rancher for pig food), and reusable water bottles were typical for everyone to use. I enjoyed being part of a culture that embraced stewardship in such a wholesome way.*

- Sandy Pitts, C.I.T., Education Curator

1958

Hippopotamus exhibit opens



Keeper C.K. "Smitty" Smith gives "VIP" tour with "Bulgy," c. 1970

1960

- Walk through aviary opens
- Sun Bear exhibit opens

1963

Roeding Park Zoo enclosed with fencing and begins charging 25¢ admission

1965

Dr. Paul Chaffee, seen below with tiger cub, is hired as the first Director of the Roeding Park Zoo





# GLOBAL CONSERVATION

This year the Fresno Chaffee Zoo Conservation Committee selected eight projects that Fresno Chaffee Zoo is committed to funding for five years. In 2013, 66 grant applications were received from dedicated researchers and organizations in the conservation field around the world. After careful consideration, a total of 25 conservation projects in 17 countries were selected to receive our support.



*Association of Zoos and Aquariums (AZA) institutions now provide \$170 million in support for field conservation. This funding affects 635 species in 200 countries, including tigers, orangutans, rhinoceros, elephants, and many more.*

- Scott Barton, CEO/Zoo Director

The Zoo designated \$50,000 for the Fresno Chaffee Zoo Conservation Fund. The Raven Fund, from Ross Laird's Winged Wonders Bird Show, raised a total of \$16,610 for a grand total of \$66,610 donated to conservation projects in 2013.



## KIBALE FUEL WOOD PROJECT AND ECO-CHAR INITIATIVE

This project is based at the Kibale Forest in western Uganda. They plant rapidly growing trees (15 feet of growth in one year) to be harvested for wood fuel to protect the surrounding forest and its many endangered species from the effects of deforestation. They also teach locals how to build energy efficient wood burning stoves like the ones seen in the image above, of a family cooking on a wood stove (background) and briquette stove (foreground). The most recent project they are working on is creating briquettes which are produced using readily available agricultural and industrial waste. This allows for cooking without wood, charcoal or propane. They also do outreach programs in the local village schools to engage the children in protecting the forest and all of the species that live there. Project Directors Michael Stern and Rebecca Goldstone visited Fresno Chaffee Zoo in 2013 to give a presentation and exciting stove-building demonstration at Zoo Camp.

**The Fresno Chaffee Zoo Wildlife Conservation Fund was established in 2006 to promote understanding and enjoyment of rare, threatened and endangered animals and their habitats and to support zoological research that will directly benefit captive animal management.**

The following projects were supported for a one year term:

- Tiger SSP - Malayan Tiger Initiative
- Reticulated Giraffe Project - Kenya
- Ruaha Carnivore Project - Tanzania
- Pantanal Giant Armadillo Project - Brazil
- Munchique Wood-Wren Project - Colombia
- Carnivore Conservation - Argentina
- Aframomum Project - Republic of Cameroon
- Blue-eyed Black Lemur Project - Madagascar
- Frog Populations of Rice Fields in Chitwan - Nepal
- Chinese and Indian Pangolins Project - Nepal
- Cheetah Adaptations Project - Kenya
- Otters as Iconic and Indicator species - India
- Bushmaster Survey Methods - Panama & Costa Rica
- Hicatee Turtle Project - Belize
- Solitary Fruit-Eating Bat Project - Panama
- Geoffroy's Spider Monkey Project - El Salvador
- African Cavity Nesters - Namibia.

The eight long term projects funded for five years are highlighted with photographs.



## FRIENDS OF THE ISLAND FOX

This organization supports island fox conservation across all of California's Channel Islands. On four of those islands, island fox subspecies remain a U.S. federally-listed endangered species. In 2013, our funding helped replace aging live traps used in capture and release research. Our funding also went to the testing of blood samples for evidence of canine diseases.



## LOWLAND TAPIR CONSERVATION INITIATIVE

This project is lead by Patricia Medici, the Jane Goodall of the tapir world. The Lowland Tapir Conservation Initiative was established in 1996 in the Atlantic Forest on the coast of Brazil to build a scientific basis for tapir conservation through research and strategies designed to protect their remaining habitat. Outreach programs and awareness initiatives are used to spread the word on conservation using tapirs as a flagship species. They provide hands-on field experience to the general public through scientific tourism.



## HORNBILL NEST ADOPTION PROGRAM

Located in Thailand, this project uses the help of local villagers to collect data on the species and educate locals about the importance of their conservation. There are seven species that they study, four of which are endangered. This program invites anyone to adopt a hornbill family for \$150 and receive details of the adopted hornbills, location of the nest, plus photographs of the tree in which the nest is located. Travel to Thailand, and they will take you to see the nest!



## THE APE TAXON ADVISORY GROUP

The APE TAG was awarded a grant to be used for all of the projects they have recommended for support in 2013. They will be making new recommendations for which great ape projects will be endorsed by AZA and we will send funding based on those recommendations this year. The projects are for orangutans, chimps, gorillas and gibbons.



## SAHARA CONSERVATION FUND

This organization has several projects that they are working on and our funds were distributed to be used on any of these. Their conservation efforts focus on antelope reintroductions, oryx, ostrich, carnivores, and Pan-Sahara wildlife surveys in Niger, Tunisia, Senegal, Algeria and Chad.



## GREVY'S ZEBRA TRUST

This project is based in Kenya which is home to 37% of the Grevy's zebra population. They employ local men and women to collect data on the population, inspire positive behavior towards the species and engage local school children. The Grevy's zebra scout program is having a positive effect on the communities that employ scouts. You can see livestock and zebra grazing next to each other and sharing resources and the attitudes of the locals is becoming more accepting of zebra sharing the land.



## TARANGIRE ELEPHANT PROJECT

The Tarangire Elephant Project began in 1993 and is lead by Dr. Charles Foley. It is located in the Tarangire National Park in Tanzania where they have identified over 1,000 individual elephants, creating the largest elephant database. Their work is focused on identifying and protecting wildlife migration corridors and dispersal areas outside the wildlife parks where the animals live.



- Nannette Driver-Ruiz / Sandra M. Halvorsen

1965

Animal Nursery opens



1971

Zoolynx, the Zoo education docent program, is formed



"Nosey" with docent class, 1979

1976

Bison (background image) and Tule elk exhibit opens in commemoration of the United States Bicentennial

1978

Park Zoo Trust Fund established - revenue received from concession stand to be used for Zoo improvements



Late in 2013, ultrasound and digital radiographs were successfully performed on the female **Malayan tiger** using the Vetel Diagnostics Digital Radiography unit purchased with Measure Z funds in 2012. These procedures are routinely performed for the animals in the collection, but this time it was accomplished without the use of any anesthetic or chemical restraint. The ability to accomplish these procedures successfully on a completely awake tiger is extremely rare. Keepers utilized training techniques to “station” her in specific postures so the procedures could be completed. The greatest impact was that we were able to positively confirm her pregnancy and appropriately plan for the arrival of tiger cubs in 2014.

A **Sub-Zero freezer** was purchased for the hospital utilizing funds raised from Measure Z. This freezer maintains a constant temperature of -80°F, allowing for proper biopreservation. With this new addition we are now able to properly store breast milk and colostrum, blood and serum samples. These samples will be banked for use in future studies, medical treatments, biological data collection and vaccine production.

A **strong collaborative effort** between keeper staff and the veterinary staff have helped make great advances in training animals to voluntarily participate in veterinary procedures. This year, veterinary staff were able to perform venipuncture for blood collection from the jugular vein of the giraffes without the use of any anesthetic

or restraint. Blood collection, vaccinations and complete physical examinations can now be performed on the Malayan tapirs by having them lay down in a completely relaxed position. Not only is this less stressful for the animals but the biological data collected from the blood samples is much more accurately representative as they are unaltered by anesthetics and stress hormones.

Dr. Scott Weber and his fish medicine class from UC Davis came to participate in our **Annual Stingray Bay Roundup**. The entire collection of Southern stingrays, nurse sharks and bamboo sharks were anesthetized for examinations, ultrasound, venipuncture, skin scrapings and measurements. The blood values we were able to obtain will be combined with other collections and housed in a worldwide data base to assist with the advancement of elasmobranch medicine and husbandry.



### HOSPITAL FIGURES FOR 2013

- 41 animal quarantines
- 73 clinical pathology studies
- 96 microbiology studies
- 94 (approx.) digital radiographs
- 452 fecal exams
- 65 (approx.) hospital tours
- 36 pre-ship exams
- 139 blood chemistries

# VETERINARY REPORT

## SAYING GOODBYE

One of the challenges faced by the Veterinary Department is maintaining the wellbeing and quality of life for some of the geriatric animals in the collection. When that level of comfort and dignity can no longer be maintained, the option of euthanasia becomes valid and necessary. Some of the aged animals we said goodbye to this year are Buck, the male Harbor Seal; Margaret, the Bateleur Eagle; and Betsy, the Grizzly Bear. Both Margaret and Betsy held the records for being the oldest animals of their species to be housed in zoos.

- Denise Oberg, R.V.T., Hospital Manager

Photo of Grizzly Bear, Betsy



Graphic rendering of African elephant and white rhino exhibit

*Fresno Chaffee Zoo inspires wonder of our natural world, provides an engaging learning environment, and creates a passion for conservation.*

This is our mission and it drove us to face and conquer each challenge that our upcoming African Adventure exhibit faced in 2013. Before any fences could be raised, before that first shovel was pushed into the earth, there were court challenges to be won and permits to be applied for. There were approvals required from the U.S. National Parks Service, California Department of Parks and Recreation and from the Fresno County Zoo Authority. But bringing this exhibit to the central San Joaquin Valley is a long developmental process that includes much more than seemingly countless meetings and approvals.

A 13 acre exhibit that enables us to actively participate in African wildlife conservation, research and education, requires a carefully considered exhibit and animal management plan. Three basic components must be met for excellent exhibit design. Does the exhibit meet the physical and psychological needs of the animal? Do its details satisfy the safety and work needs of the keeper staff? Does the exhibit inspire a positive educational and conservation message for the visitor?

Even before the design of African Adventure was shaped, the Animal Department team sat down and determined the species best suited to African Adventure. Criteria such as population sustainability, conservation messaging, or popularity helped determine which species were selected. The hot, dry Fresno climate was taken into consideration, with its similarity to the African savannah. Species such as white rhino, cheetah, and African lion are ideally suited for this environment.

After the specimens are located, permits need to be approved before any animals are obtained. Regulatory agencies such as United States Fish and Wildlife Service require permits for endangered species such as African elephants. California Department of Fish and Wildlife requires permits for restricted species such as meerkats. And United States Department of Agriculture has strict requirements for the housing, care, and the welfare of all species.

As 2013 drew to a close, all was finally in order for our groundbreaking ceremony scheduled for January 6, 2014. In our Zoo Director, Scott Barton's words, "The excitement here at the Zoo is palpable, as we anxiously await the moment when we can cut that ribbon and welcome all of Fresno to truly experience the wonder that is Africa."

- Linda Cover / Sandra M. Halvorsen

Enjoy a virtual “walk-through” of Fresno Chaffee Zoo’s “African Adventure.” Visit the Zoo’s YouTube page at [www.youtube.com/fchzoo/videos](http://www.youtube.com/fchzoo/videos).

1979

The Edward A. Kane Reptile House opening ceremony with actress, Betty White and Fresno Mayor Dan Whitehurst



1982

Asian Elephant Exhibit opens - Nosey is walked to her new home which she shared with three other elephants (above)

1984

Doris & Karl Falk Wildlife Education Center opens

1985

The Zoo's name is changed from Roeding Park Zoo to Fresno Zoo



# EVENTS



## GROUP EVENTS

- In 2013 Fresno Chaffee Zoo hosted 47 private events including 5 beautiful weddings.
- Significant group events this year included a dinner for EECU attended by 1,200 guests, an afternoon picnic for Lyons Magnus attended by over 700 guests and an annual holiday party for Granville Homes attended by over 1,000 guests.
- The Zoo hosted dinners highlighting Sea Lion Cove for several zoos and their staff members interested in visiting our beautiful new exhibit. These included San Francisco Zoo, Sacramento Zoo and participants of the Western Regional Conservation Educators workshop.
- A well-attended ribbon cutting ceremony for the opening of Valley Farm was held. Many dignitaries, including Dr. Joseph I. Castro, President of California State University, Fresno, spoke at the event.
- Birthday parties continue to flourish in 2013 with over 100 birthday parties held in the Jungle Bungalow.

## SPECIAL EVENTS

- A brand new event, **Frogs and Fairytales**, had our guests leaping forward to spring and kicking off the season with over 1,200 in attendance. Princes and princesses filled the Dining Garden offering photo opportunities to excited children during the event. A delicious snack was served at The Royal Court. A beautifully decorated tent held our craft tables, game station, photo booth and make-over stations. An enchanted time was had by all!



- A total of 2,846 tickets were sold for **Breakfast with the Animals**, with guests enjoying Party for the Planet booths and activities throughout the day.

- **Festival de los Niños** in April drew great crowds as it customarily does. Univision 21 provided a day of entertainment, vendor booths and fun, welcoming 11,441 guests to the Zoo. **Día de la Familia**, another Univision 21 event which is held in August, had a record attendance of 7,699, which was 2,354 over the prior year.
- **Dreamnight at the Zoo** was enjoyed by families of children with chronic illnesses and disabilities. Guests were welcomed to this Hawaiian themed event with brightly colored



FCZ Board member, Colin Dougherty, handing out leis at Dreamnight at the Zoo

leis, enjoyed giraffe feeding, a special presentation by Ross Laird's Winged Wonders Bird Show, behind-the-scenes adventures and keeper chats held throughout the Zoo. Attendance was 1,399.

- **Zoobiliation**, our members-only event, was attended by 1,085 guests.
- Proving there is nothing better than a cold bowl of ice cream on a hot summer day, our **Producers Ice Cream Zoofari** drew a crowd of 4,215. Tempting Tortoise Sundaes, Moose Tracks and Death by Chocolate were amongst the favorite flavors.
- **Safari Night** was, once again, a sold out event. A beautiful evening with delicious appetizers and food samples in the interior of the Zoo was followed by a silent auction, entertaining casino games, photo booth and dancing till midnight. Our sponsors for this event were Harris Construction, Wells Fargo, RBC Wealth Management and Golden One Credit Union.
- Two running events, the **California Classic Half Marathon** and the **Zoo Zoom** race sponsored by Saint Agnes Men's Club, have people running through the Zoo and enjoying the sights and sounds only a Zoo can provide.
- **National Parks Day**, also a new event, was well attended. The Hispanic Chamber of Commerce provided entertainment including dancers, face painting and park rangers to talk about our beautiful national parks.
- **Kidfest** and **Parent Survival Expo** sponsored by KSKS/Kiss Country features vendor booths, games and a photo op with the amazing Thor.

- **Toucan Dinner**, our annual donor appreciation event, started with cocktails and hors d'oeuvres at the Reptile House and a meet-and-greet with Knobby, our Galapagos tortoise. With the recent opening of the King Cobra and Komodo Dragon exhibits, our guests were able to visit the exhibits and get a close up view of the komodo dragon greeting the group with his trainer. Strolling to the opposite end of the Zoo, our guests were thrilled to meet and feed our kangaroos before enjoying a delicious dinner at Rainforest Lawn.

- **Grandparent's Day**, sponsored by CBS 47, featured vendor booths, activities for the children and information for grandparents as well.
- Fresno Chaffee Zoo once again partnered with ValleyPBS to present **DinoNite**, an event centered around the PBS show, Dinosaur Train. Photo ops with Buddy, the dinosaur, were the highlight. The event included entertainment by Mr. Steve and Mr. Lucero, vendor booths and an episode of Dinosaur Train shown on a large screen in the Dining Garden. Attendance was 2,318.
- **ZooBoo**, our four night Halloween event, was well attended and increased our guest count by 11,610 people. Booths were cheerfully decorated by our vendor sponsors who handed out candy to our little trick-or-treaters. Game Lane and Dracula's Disco were a favorite of our guests, as they are each year.

- **ZooLights** continues to increase our attendance as guests make this event a family tradition. The snow continued to fall each night of the event, entertainers sang and danced to holiday music and the hot chocolate and cookies were enjoyed.
- Our last special event of the season, **Breakfast with Santa**, took place during ZooLights. Children and adults were treated to a scrumptious breakfast and were able to spend some one-on-one time with the big guy! Each child received a gift after visiting with Santa and Mrs. Claus, created a craft and decorated a cookie to take home.

- Pam Wheelen, Events Manager



1988

Tropical Rainforest Exhibit opens May 14, 1988



1990

- Dr. Paul Chaffee, seen here in 1974 with baby orangutan, passes away
- Zoo's name is changed to Chaffee Zoological Gardens of Fresno

*I believe that we are the stewards of the Earth and stewardship carries the responsibility for taking care of the Earth's environment, its creatures and all that has been given us.*

- Dr. Paul Chaffee



## REVENUE

Measure Z <sup>1</sup>	\$ 6,382,334
Admissions	2,180,254
Investment Income	1,142,649
Membership	779,897
Gift Shop and Concessions	624,929
Event Income	478,738
Donations & Grants	352,387
Stingray Bay	272,757
Education	255,487
Rental Income	240,221
Giraffe Feeding	167,450
In-Kind Donations	134,071
Other Income	51,216
Transfer from related organization	34,300

**Total Revenue** \$ 13,096,690

## EXPENSES

Salaries and Benefits	\$ 4,647,376
Depreciation	759,342
Contracted Services <sup>2</sup>	490,193
Utilities	452,819
Animal Services	331,875
Supplies	320,279
Advertising	310,400
Repairs and Maintenance	285,322
Expansion/Nonoperating	263,343
Food/Catering	228,313
Professional Services <sup>3</sup>	185,853
Printing/Postage	219,719
Insurance	138,967
Equipment	142,466
Service/Bank Fees	117,360
Staff Development	71,964
Conservation	66,650
Business Expenses	91,646
Computer/Software	47,008
Telephone	38,447
Specialized Services	36,939
Uniforms	31,311
Fleet	29,848
Miscellaneous <sup>4</sup>	46,113

**Total Expenses** \$ 9,353,553

**Net Surplus** \$ 3,743,137

<sup>1</sup> Sales tax revenue from Measure Z is available based upon expense reimbursement claim forms that are submitted by the Zoo. During 2013 the Zoo received \$6,382,334 in reimbursements.

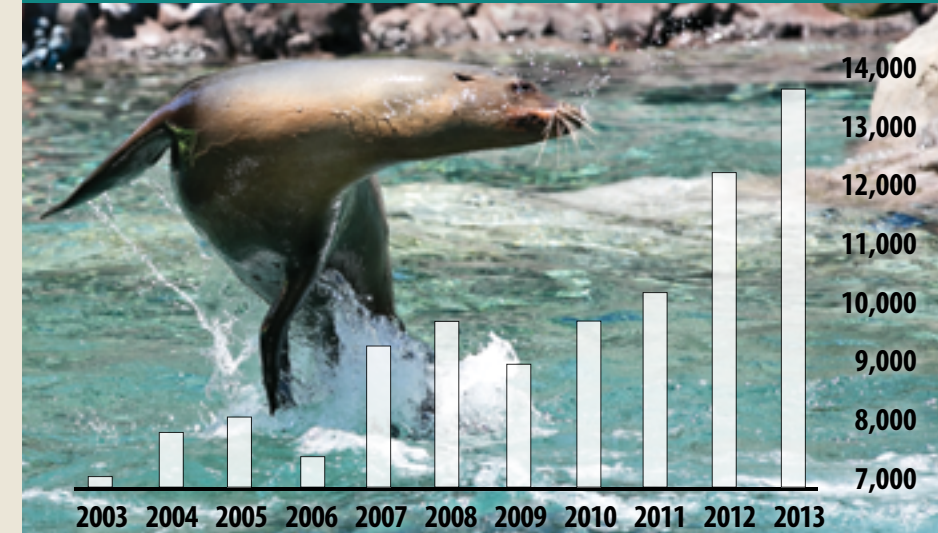
<sup>2</sup> Contracted Services include Winged Wonders Bird Show, event entertainment, and contracted IT and custodial services.

<sup>3</sup> Professional Services include legal, audit, payroll, and exterminating services.

<sup>4</sup> Miscellaneous expenses for special events, education grant fulfillment and "Change for Cheetahs" fundraising.

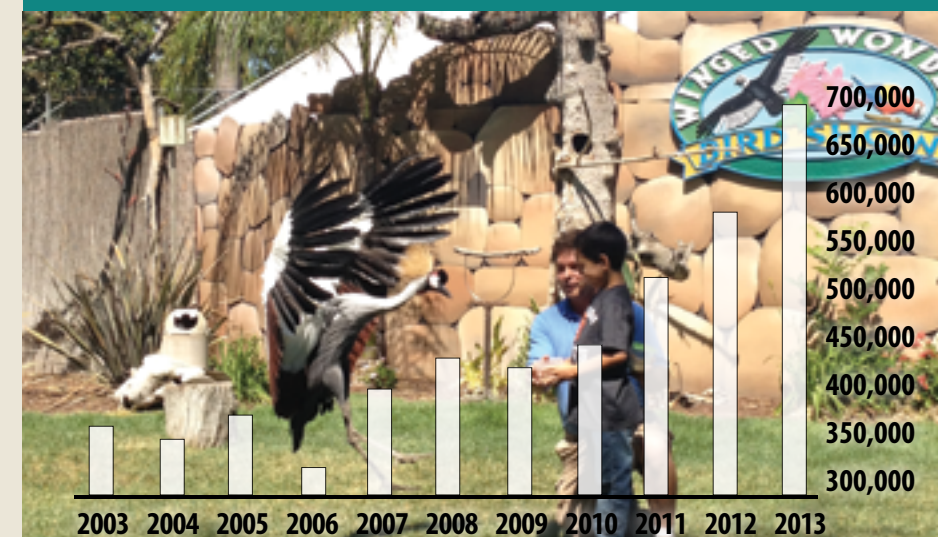
# FINANCIAL REPORT

## MEMBERSHIP



Highest number of memberships on record with 13,783 membership households in 2013, almost doubling our numbers since the passing of Measure Z in 2004.

## ATTENDANCE



Highest attendance on record with 691,320 visitors in 2013, almost doubling our numbers since the passing of Measure Z in 2004. The 691,320 visitors included guests from 47 states, plus Washington DC, and 15 countries including Armenia, Australia, Bulgaria, France, Russia and Sweden.

1991

Ralph Waterhouse is hired as Zoo Director

1992

Ross Laird's Winged Wonders Bird Show opens

1993

Fresno's beloved Asian elephant, Nosey, passes away at the age of 47

1999

Construction of Chaffee Memorial Zoo Hospital is completed along with the Safari Trading Co. Gift Shop

2001

Sunda Forest opens



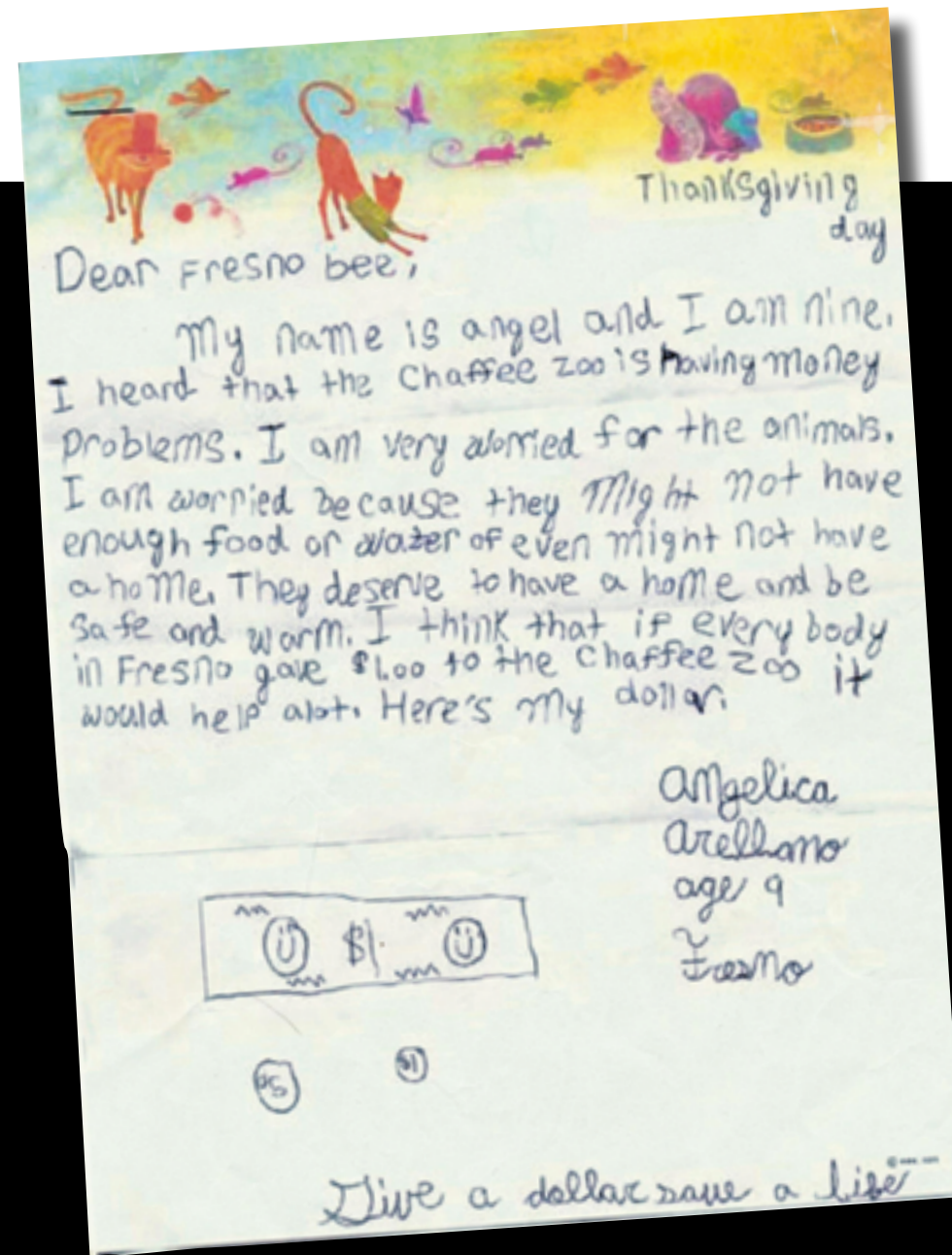
# MAJOR DONORS

ON BEHALF OF THE ANIMALS HERE AT FRESNO CHAFFEE ZOO  
WE GRATEFULLY THANK THOSE WHO DONATED \$500 OR MORE IN 2013

A Wish Your Heart Makes	CRU Winery	Harris Construction Co., Inc.	Karen Musson	Shanghai Chinese Cuisine
AAA	Delta Gamma Sorority	Charles & Stephanie Hensley	Don & Lynn Nelson	Jason Sisco & Teresa Espinosa
Affordable Appliance	Donaghy Sales	Amber Herzog-Lyman	NVB Equipment	SJVD-CPTA
Alan Mok Engineering	Don Brouwer & Associates	Hydrite Chemical Company	Old Navy	Sole 2 Soul
Aon Risk Services	Audrey Demirjian	iLOVEtoCREATE	P*DE*Q	Richard F. Spencer
Joyce Aston	Doug-Out Cookies	Independent Order of Foresters	Pacific Gas and Electric Co.	Starbucks Coffee Company
Baker, Manock & Jensen	Colin & Patricia Dougherty	Infant of Prague Adoption Service	Panera Bread	State Farm Insurance
Bank of the Sierra	Dotty & Jim Doyle	Maurine & Bill Jones	Pardini's Banquets & Catering	Debi Steele
Wallace & Terry Barthuli	Economic Development Corporation	Kaiser Permanente	John R. Paul	William Steitz
Scott Barton	Educational Employees Credit Union	William Kidd	Eric Pennestri	TAM+CZ Architects, LLP
The Bitter Family Trust	Elephant Bar	Mabel Kroeker	Pepsi Beverage Company	Texas Roadhouse
Oklin Bloodworth	Michael & Dolores Elkins	La Tapatia	Pet Medical Center + Spa	The Fresno Grizzlies
Hal & Debora Bolen	Expo Party Rentals	Ruth Lamarsna	Piazza Del Pane	The Old Spaghetti Factory
The Bolton Family Foundation	Eye-Q Vision Care	Julie Landers	Mark & Lea Pisching	The Painted Table
Blake Borders	First California Federal Credit Union	Landsberg	William & Sandra Pitts	The Valley Cats Band
Boomer's	Fishman, Larsen, Goldring & Zeitler	Aaron Lane & Lara Yakligian	Powell Pediatric	Richard Thistle
Don & Ruth Bricker	Fresno EOC Head Start	Joan C. LeRoux	Producers Dairy	Pauline Trainer
Bullard High School Class of 1973	Fresno Madera Farm Credit	Deborah Lucas	Rabobank	Truist
Bush Estate Trust	Fresno Ultimate Martial Arts	Gerald & Nanette Lyles	Raiders of the Central Valley	Unique Orthodontics
California Classic Half Marathon	Fresno Yosemite International Airport	Lyons Magnus	Shari & Greg Rainwater	United Way
California Highway Patrol	FRIBA	Ryan McCann	RBC Wealth Management	Valley Urology, Inc
Caroline's Creations	Gap Incorporated Employees	Marie Callendars-Blackstone	Regency Investment Advisors	Valley Yellow Pages
Debi Castro	Gar & Esther Tootelian Foundation	Mary Kay	Dr. William & Rea Rich	Esteban & Sarah Valverde
Cattlemens	Gateway Ice Center	Mental Health Systems, Inc.	Tom Richards & Sue V. McDiarmid	Jim & Terri Walls
Central California Avian Society	Arnold & Dianne Gazarian	Jesse Merrell & Travis Rockett	Angel & Joaquin Rivera	Jerry & Rosemary Waters
Jean Chaffee	George & Nancy Goehring	MFA Medical Group, Inc.	Saint Agnes Men's Club	Elizabeth Watson
Chevys Fresh Mex	Golden One Credit Union	Mid Valley Disposal	Cruz & Elizabeth Saiz	Wedgewood Wedding & Banquet Center
Chicago Title Company	Grant Merchantile	Jerry & Margaret Miller	Craig Saladino	Jon & Cristina Wheless
Clovis 4-H Renegades	Granville Homes Incorporated	Andrea & Michael Milliorn	Jim & Lorrie Salven	Whole Foods
Con Am Management	Rick & Christy Harvey	Gerald Mon Pere	San Joaquin Valley Children's Health Association	Wienerschnitzel
Linda & James Corrao		Monterey Ag Resources	Save Mart S.H.A.R.E.S.	Ryan & Elisabeth Wilson
Costco Wholesale		The Morning Star Packing Co.	Service Systems Associates	Sophia Zumudio-Castro

**WELLS FARGO**

The first Wednesday of each month continues to be **Wells Fargo Wednesday**. In partnership with Wells Fargo, all children who come to the Zoo with their families on the first Wednesday of each month receive free admission. Wells Fargo also sponsors our members by offering 10% off of all memberships purchased on *Wells Fargo Wednesdays*. Additionally, each month, Wells Fargo sponsors a school classroom to come to the Zoo, by covering the cost for both the bus and entrance.



## 2013 BOARD OF DIRECTORS

John Valentino, Board Chair  
Tom Richards, Board Vice Chair  
Craig Saladino, Treasurer  
Sharon Levy, Secretary  
Bruce Campbell  
Colin Dougherty  
Sieg Fischer  
Sheri Manning-Cartwright  
George Nokes  
Shari Rainwater

## 2013 SENIOR MANAGEMENT

Scott Barton, CEO/Zoo Director  
Brian Goldman, Chief Financial Officer  
Terri Mejorado, Director of Marketing  
Sandy Pitts, C.I.T., Education Curator  
Dan Subaitis, General Curator  
Dr. Lewis Wright, Veterinarian



2003

- 9-year-old Angelica "Angel" Arrellano (above) writes letter to Fresno Bee
- Movement to *Save Our Zoo* results in the creation and passing of Tax Measure Z with 73% of the vote the following year

Historical facts and scanned images provided by Linda Cover, Registrar / Animal Records





Fresno Chaffee Zoo Corporation  
894 West Belmont Avenue  
Fresno CA 93728

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Photo by 2013 ZOOm Photo Contest participant, Nicole McManus