

A close-up, high-resolution photograph of a lion's face, focusing on its eyes, nose, and whiskers. The lion has a light brown coat with darker spots and a thick, golden-brown mane. Its eyes are a pale yellowish-brown color, and its nose is dark and slightly moist. The background is a soft, out-of-focus continuation of the lion's fur.

2012 ANNUAL REPORT

BIRMINGHAM

ZOO

Photographed by Lydia Cost, Registrar at the Birmingham Zoo, Inc. (BZI)



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MISSION STATEMENT

“INSPIRING PASSION FOR THE NATURAL WORLD...THROUGH EMPHASIZING CONSERVATION, EDUCATION, SCIENTIFIC STUDY AND RECREATION IN ALL ASPECTS OF THE BIRMINGHAM ZOO’S EXHIBITS, PROGRAMS, FACILITIES AND ACTIVITIES.”

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MESSAGE FROM THE PRESIDENT

2012 has been a pivotal year of growth and partnerships in all facets of the Zoo's mission to **"Inspire Passion for the Natural World through...Conservation, Education, Scientific Research, and Recreation."**

As a top tourist attraction in Alabama and drawing record attendance of over 500,000 guests, the Birmingham Zoo strives to continue serving the community with expertise in animal management, high-quality animal care, and enriched education programs and activities.

The Zoo partnered with Kiwanis Club of Birmingham and generous donors for the **Kiwanis Giraffe Encounter** opening to the public on April 28, 2012. With the new 4,000 square foot observation deck, guests were immersed in the Trails of Africa landscape and were able to view the unique features of each giraffe while feeding them up close for the first time. Due to the generosity of EBSCO Industries and its employees, the **Boma Yard** in the Trails of Africa was made possible for optimal animal husbandry and training, behavioral research, rotating animals, and keeper talks. You may find Tamani, an African elephant, Max the new southern white rhino, or Tadpole, a Nile hippopotamus roaming in the Boma Yard.



Marcia Riedmiller and William R. Foster, DVM next to the bronze reticulated giraffe statue, Julia, donated by Tom Crawford in honor of Julie Crawford.

The Zoo's strong alliance with University of Alabama Birmingham and the Birmingham City Schools allows **Kiwanis ZooSchool** to continue to thrive and grow in serving seventh-grade students within the city. The Birmingham Zoo recently received a significant federal grant from the Institute of Museum and Library Services, propelling the program to new heights. The Trails of Africa exhibit is the basis of an interdisciplinary experience to teach about the crisis of the elephant species' survival in Africa, the cultures of people in Africa, and the scientific and engineering research involved in sustaining these populations.

Most importantly, the Zoo has successfully launched a conservation program this year that places the Zoo employees in the center of conservation needs around the world — **Passion into Conservation Action (PiCA)**. PiCA allows employees to submit conservation research projects that the Zoo will fund to support its conservation initiatives. These worthy causes allow strong partnerships with other leading conservation organizations and nonprofits to fulfill our mission in sharing our **"Passion for the Natural World."**

Special gratitude to our friends, donors, Board of Directors, volunteers, members, and most importantly our guests who partner with the Zoo to become a zoological leader in serving our community.



Cheers,

William R. Foster, DVM
President & CEO



THE KIWANIS GIRAFFE ENCOUNTER GRAND OPENING

On April 25, 2012 the Kiwanis Giraffe Encounter (KGE) had its VIP Grand Opening at the Birmingham Zoo! This exhibit is one of the largest giraffe habitats in the Southeast. The exhibit is designed to allow an up-close look at the zoo's reticulated giraffes. It has a 4,000 square foot deck for feeding and viewing of the animals: Jalil, a 5-year-old male, Willow, a four-year-old female, and Keyara-Jane and Zuri-Ann, both two-year-old females. To prepare for the grand opening, keepers first had to strategically encourage the giraffes to voluntarily move to their new exhibit.

Moving the giraffes to the new exhibit was a carefully planned process; however, it proved to be well worth all of our efforts. This process started months before the grand opening. After allowing the giraffes access for the first time to Kiwanis Giraffe Encounter, they were cautious. First to cross into the new yard was Jalil, the most curious. Standing at 15 feet tall and weighing 2,300 lbs, Jalil very cautiously took his first few steps into the transfer chute. Jalil took the rest of the day to build up the courage to explore the new exhibit. Over the next week, Willow and Keyara-Jane also showed off their bravery and followed Jalil onto KGE. Zuri-Ann, the youngest and smallest of our herd, took a little bit longer. Over the course of two months, Zuri-Ann would stand with her back to the

open gates without even attempting to cross. Keepers tried luring Zuri-Ann across using some of her favorite treats such as bamboo and hay. Successfully, Zuri-Ann crossed into KGE all by herself. Amazingly, after being the last to cross into the new exhibit and last to come up to the KGE platform to feed, Zuri-Ann is now the most reliable to come up to feed. She can be quite amicable to guests and is known to play chase with Gracie, the gazelle.

The giraffes appear to enjoy browsing the variety of trees and shrubs in the new exhibit and having a larger yard to roam. With all four of the giraffes now comfortable in their new exhibit, the visitors are able to get up-close and personal with them. During this experience, the guests feed the giraffes some of their favorite foods. Some of their favorites include: fresh leaves, carrots, squash, romaine lettuce, or for our very cautious Zuri-Ann, onions.

The giraffes seem to be adjusting well in their new yard and the visitors of the Birmingham Zoo have more memories and enrichment to share with their **"Passion for the Natural World."** Jalil likes to greet everyone and share his sticky tongue — a favorite attraction among the children!

Gracie, our 12-year-old Grant's gazelle, travels with the giraffes when they leave the Savannah yard and migrate over to the KGE yard. Tamatha and Kitty, our female ostriches, also often migrate over to the KGE yard along with the giraffes and gazelle. On days when the giraffes are in the Kiwanis Giraffe Encounter yard, the zebras have the option to run and play on the Savannah or to stay in their own yard.

The Kiwanis Giraffe Encounter also has exhibition areas for African birds, including lady ross' turacos, blue-bellied rollers, emerald starlings and cape thick-knees. Through 2012, this exhibit has enhanced both the animals and the visitors' experience at the Birmingham Zoo. The Kiwanis Club of Birmingham donated \$250,000 earlier this year to the Zoo in an effort to fund local, educational projects that benefited the Birmingham community.



WELCOMING OF TAMANI, THE FOURTH MALE ELEPHANT

Tamani, the Zoo's new six-year-old male elephant, is out for the public to see after a routine quarantine. At six feet tall and weighing 3,855 pounds, he is the youngest and smallest of the Zoo's African bull elephant herd. Year 2013 plans are in place for Tamani to be on grounds with Bulwagi, a 29-year-old, 13,000 pound elephant; Callee, a 10-year-old weighing 5,500 pounds; and Ajani, a 10-year-old weighing 7,100 pounds. This all male elephant herd will become a landmark moment for conservation initiatives that study all male elephants in their habitat and the first ever in North America.

Born on October 17th, 2005, Tamani is a welcomed addition to the herd. This young elephant can be best described as quite inquisitive, constantly moving and full of energy! Tamani arrived from the Tampa's Lowry Park Zoo in Florida. He can eat over 100 pounds of produce and hay every day! Tamani is rotated on exhibit between the Trails of Africa Boma Yard the main yard of Trails of Africa.

With the addition of Tamani, the Birmingham Zoo has grown to four members of the herd, making this accomplishment the largest all-male African elephant herd in North America. The staff creates situations to allow Tamani time to interact with his new herd mates. This includes monitored time in

adjacent stalls with the other elephants, which is referred to as a "howdy." After a significant amount of the monitored time, the staff pairs Tamani with different elephants in one-on-one supervised situations in the barn, known as "introductions." This way, the staff can quickly separate the two elephants, if needed. Once the staff feels the elephants are ready, they will choose the right pairings to go on exhibit. This is the same type of procedure the staff has utilized in integrating the other elephants over the past fourteen months. Already, Bulwagi and Tamani have reached the point of going into the main exhibit yard together. It is exciting to see the Zoo's largest and smallest elephants in the yard together. It is also very interesting to note that these two elephants are related. Bulwagi is Tamani's father through an artificial insemination (AI) procedure performed almost eight years ago at Tampa's Lowry Park Zoo.

The staff's efforts have not solely been on Tamani's integration. Recently, Bulwagi, Ajani and Callee were integrated into the main exhibit at the same time. This has been a goal of the staff for some time. Plans in 2013 for having all four elephants in the main exhibit will be made a reality. Once the comfort level with one another increases during the "howdy" and "introduction" phases, the Zoo will move forward with putting all the elephants on exhibit together.



AFRICAN MALE ELEPHANT BEHAVIOR RESEARCH IN THE TRAILS OF AFRICA BOMA YARD

Putting mixed-age, male, African elephants together replicates the dynamic in the wild whereby several younger bulls “follow” a dominant bull or patriarch. This, in turn, allows the younger elephants to be well-socialized so that they behave well when placed near or with other elephants, especially when they are more mature and may be placed in breeding situations at other zoos.

Most places have little-to-no contact with their bull elephants, particularly when they are in musth. Musth is a periodic condition, characterized by highly aggressive behavior and accompanied by a large rise in reproductive hormones. Since the elephants are well-trained for husbandry procedures and because they are well-socialized (this includes a degree of socialization with their handlers), the ZooKeepers are able to collect blood on

is subjectively assessed by the team once or twice daily and the specific behaviors that lead to that assessment are recorded on a form (“he is being difficult today as evidenced by his lack of willingness to get on the scale, stand still for his bath, etc.” or “he was very attentive today—did all of his behaviors as asked without hesitation”). On top of these subjective assessments and supporting statements, the staff also records the level of temporal gland secretion that each elephant is exhibiting at least once daily and often twice daily. As the objective data comes in (testosterone and corticosterone levels), it is back-correlated with the subjective data so that the staff is constantly learning to better “read” the elephants by intuition. On top of all of this, the staff also collects semen, and semen quality is related to testosterone levels and corticosterone levels.

No other zoos have been able to successfully cohabitate male African elephants, so the Zoo has shown to its colleagues that male elephants can receive quality care and be well-socialized. It also means that we are on the path to become a “Center of Excellence” for male elephant care, and as ZooKeepers become more adept at collecting quality semen, more institutions will turn to the Zoo as a source of semen for AI’s.

The Zoo’s colleagues in the AZA and the Elephant Manager’s Association have followed our progress with great interest and have been very pleased to learn of its successes. The need to socialize male elephants has long been recognized, and the Birmingham Zoo is making major strides in this direction.



For elephants at BZI, well-adjusted elephants with good socialization skills can be used for breeding by natural cover and/or by Artificial Insemination (AI), as it is difficult and very dangerous to collect semen from a poorly-managed elephant. For elephants at other zoos, the Birmingham Zoo has proven that it is possible to cohabitate male elephants and that the benefits outweigh any potential risks or difficulties.

a weekly basis from all four elephants, even if one is in musth. The blood collection is for hormone analysis that is correlated with musth behaviors, and provides us with indicators of stress levels. The two hormones, testosterone and corticosterone, are also correlated with the subjective assessments that the staff makes with respect to each elephant’s behaviors on a twice-daily basis. At Birmingham Zoo, elephant temperament

WELCOMING OF BABY ORANGUTAN, NAIRI, ON EXHIBIT

As the Primate ZooKeepers and the entire staff at the Birmingham Zoo proudly welcomed the birth of baby orangutan Nairi the previous year, Nairi was ready for public viewing in July of 2012. Inside the orangutan exhibit at the Primate building, mother Lipz and Nairi bond closely together. As each day passes, Nairi continues to explore different foods and areas of her exhibit, and she is also learning how to be more independent. Nairi attempts to become more independent by venturing a little bit further from mother Lipz – as much as Lipz will allow at this point! Primate staff continues to “howdy” Oliver, the dad, to his family. This particular “howdy” is a process of introducing offspring by scent and sight, without tactile approach first for safety of all the animals. Introduction for Oliver continues to be a slow, planned process as the Primate staff closely watches the reaction of Oliver to Lipz and to Nairi, as well as their reciprocal response. If the correct behaviors are seen, we expect to fully introduce Oliver to his family in 2013.

Being named “Nairi” was a special tribute by a five-year-old boy from an online naming contest at the Birmingham Zoo. After hundreds of entries, Nairi was selected! Nairi means “kind one” in the orangutan’s native country, Indonesia. Evan Lucia, the winner, visited the viewing of Nairi with his mother, enjoyed a Birmingham Zoo fun pack, a tour of the Animal Nutrition Center, an “Adopt an Animal” package, a photo opportunity with an animal and a chat with a ZooKeeper of the Primate Department.

Participants made a minimum donation of two dollars with the proceeds directly

benefiting Orangutan Outreach, an organization providing care for orphaned orangutans in their native habitat. The orangutan species is classified as critically endangered due to palm oil plantations and deforestation in their natural habitats.

The Zoo celebrated Nairi’s first birthday with a party on Saturday, December 15, 2012 at the Birmingham Zoo.

Nairi’s birth at the Birmingham Zoo is significant, because she is the only orangutan born in 2011 at an accredited AZA institution in North America. As shown below, Nairi held tightly to Lipz as she opened presents of vegetables and treats. There was a crowd who joined in the celebration as they opened the gift wrapped boxes.

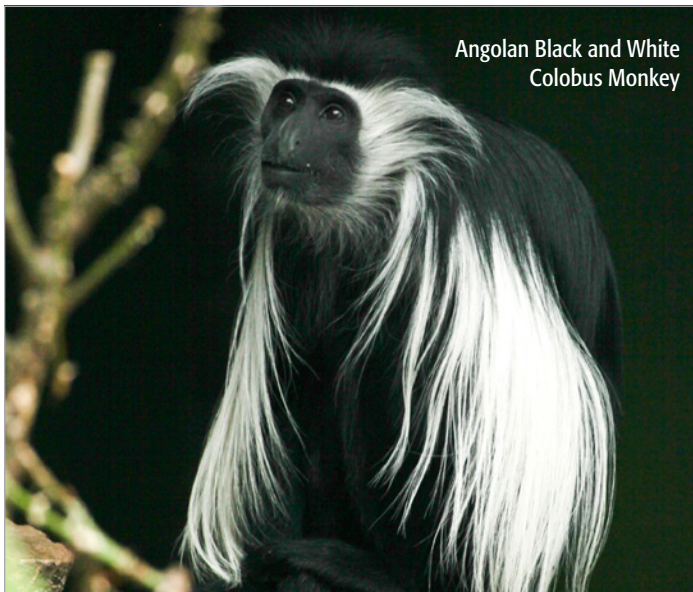


NEW SPECIES OF MONKEYS BECOME PART OF THE BIRMINGHAM ZOO FAMILY

Angolan Black and White Colobus Monkeys

This year, the Zoo welcomed a new primate species, the Angolan black and white colobus monkey to the Zoo family. Their names are: Azizi, a 10-year-old male; Phyllis, a 10-year-old female; and Tamu, a 10-year-old female. These monkeys are recommended to breed according to the Species Survival Plan (SSP), a cooperative breeding and conservation program. These SSPs focus on animals that are in danger of extinction and zoo conservationists believe captive breeding programs may be their only chance to survive. The Birmingham Zoo has joined with the Association of Zoos and Aquariums (AZA) around the world in maintaining Species Survival Programs.

Colobus monkeys are found in Central and East Africa and are the largest of the African leaf eating monkeys. They have a specialized digestive system that allows them to break down cellulose from leaves, similar to a cow. Their multi-chambered stomachs allow them to digest leaves and unripe fruit that other monkeys are not able to digest. Colobus monkeys dwell in trees more than any other African monkey and rarely descend to the ground. These great leapers take dives of 20 to 30 feet through the treetops, falling with outstretched arms and legs to grab the next branch. Local tradition says these monkeys are good weather forecasters because they become silent when bad weather is coming.



Angolan Black and White
Colobus Monkey

De Brazza's Monkey



De Brazza's Monkeys

Another primate species now calls the Birmingham Zoo home – it is the De Brazza's monkey. The Zoo acquired a male, Huey, who is five years old, and a female, Brittany, who is 13 years old. They are also part of the SSP and are a breeding pair. De Brazza's monkeys are also known as swamp monkeys because they live in the wetlands and forests of Central and East Africa. They are tree and ground dwelling monkeys but prefer to spend most of their time up in the tree canopy. These monkeys like to eat fruit, flowers, leaves, insects, worms, and frogs. De Brazza's monkeys store food in their pouches while they forage, then eat the stored food later when they are in a safe place. They are also known for their ability to “freeze” when they are threatened, remaining in one place without moving for up to five hours. During this time, they curl up into a ball with only their camouflaged backs exposed. They stay very still until the danger has passed. Believe it or not, De Brazza's monkeys can also swim!

GETTING TO KNOW THE ROYAL FAMILY

In May of 2012, the Birmingham Zoo welcomed five lion cubs to the family. All five cubs are thriving. They are getting so big and have even bigger personalities. Each family member has uniquely developed since May.

Father Lion, Kwanza — Kwanza was a lone cub and was never introduced to his father. He had to learn a lot about lion cubs. By four months, Kwanza would initiate play and allow them to jump all over him and pull on his mane. He weighs 400 pounds and eats 89 pounds of meat a week!

Mother Lion, Akili — Akili is doing great! She is balancing life with five rambunctious offspring and continuing to teach Kwanza what is acceptable behavior towards the cubs. She weighs 300 pounds and eats 13 pounds of food a day. She has been a very watchful mom, so keepers are focusing on separation training with her and the cubs.

Male Cub, Vulcan — Vulcan is the second largest cub, next to his brother, Baron. He likes to observe and is relaxed like his father, Kwanza. He can be identified by the color of his fur which is more red when compared to his siblings.

Male Cub, Baron — Baron was the first cub to begin to eat meat, and that played a large role in his weight gain. He likes to take charge and show signs of being the dominant cub. Baron is the cub named by Zoo visitors through a contest. It fits his royal personality. His larger size and a dark “beauty” mark on the right side of his nose sets him apart from his siblings.

Female Cub, Asha — Asha is the largest of the females. She is the most vocal of all the cubs. If she has something to say, she lets you know! She spends a lot of her time climbing on mom. Compared to her sisters, she is bigger and has a dark “beauty” mark on the right side of her nose.

Female Cub, Kimba — Kimba likes to play but will be more cautious than her siblings. She makes eye contact and is very observant of her surroundings. She has a dark pigmentation in her right eye just below the pupil that does not impair her sight in any way.

Female Cub, Lily — Lily was the slowest to transition to meat, preferring to nurse. She is the adventurer. Lily likes to follow dad, Kwanza, around and is usually found near him. She can be identified by the pale color of her coat. It is much lighter compared to her siblings.

Plans are in place to transfer them to other accredited Zoos. SSPs serve to maintain healthy, genetically diverse and demographically stable populations of threatened or endangered species. Managing individuals of a given species as one collection prevents inbreeding and loss of genetic vigor.

Montgomery Zoo will be the recipient of the two male cubs, Vulcan and Baron. Both male cubs were trained to enter a crate by the keeper staff enabling a safe and less stressful trip for them. On October 10, 2012, Birmingham Zoo staff transported them to Montgomery early in the morning.

The three female cubs are currently being crate trained for their trip to the African Safari in Puebla, Mexico. Transporting animals out of the country is a task in itself, as it involves a lot of documentation and expertise. The Birmingham Zoo has received a permit to transport the lions out of the country and the Zoo is now waiting on Mexico to receive their permit. Once all the documentation is in place, all three lions will be crated and hauled via a climate controlled vehicle to Atlanta for their flight to Mexico City.



ANIMAL INVENTORY

Fishing cats return to the Zoo!

This year, the Birmingham Zoo welcomed two fishing cats from the Columbus Zoo, Tegas and Broucek. These brothers are just over a year old and are on exhibit in the Predator building. Fishing cats can be found in heavily forested areas, jungles, scrub and reed beds near rivers, lakes, marshes and mangrove swamps in Southern and Southeastern Asia. As their name implies, these cats love to eat fish. Not only do they eat the fish, but they are excellent fishermen. They gently tap the water to mimic an insect, and when a fish gets too close they scoop the fish onto dry land. They usually fish from the shore but will also swim out into deeper waters and dive under the surface in search of fish. This felid is also part of an SSP and the Birmingham Zoo plays a key role in caring for these two brothers.



SPECIES	# OF SPECIMENS	# OF SPECIES
Mammals	147	32
Birds	501	41
Reptiles	155	17
Amphibians	41	13
Fish	45	1
Insects	413	5
TOTAL	1,302	109

West African Crowned Crane

West African Crowned Cranes are featured at the Kiwanis Giraffe Encounter. These birds have red cheek patches, and their heads are topped with lovely, golden feathers that look like a crown, hence their name. Unlike other species of cranes, Crowned Cranes have a long, grasping hind toe that allows them to perch. At the new Kiwanis Giraffe Encounter, they can be seen perching on the lower logs.

These cranes love to dance and honk! When they dance, they pump their heads, bow, jump, run, toss sticks and grass, and flap their wings. They will dance for stress relief and territory defense, but primarily the cranes dance to court each other. The cranes at the Birmingham Zoo dance a lot.

The Zoo has two pairs of West African Crowned Cranes: a young brother and sister pair on exhibit at the Kiwanis Giraffe Encounter and an older breeding pair behind the cassowary exhibit. This pair is not currently on exhibit but is recommended for breeding through the SSP program. These cranes are 36-years-old and 42-years-old. Cranes can live a very long time; it is common for these birds to live well into their 60's.

These birds are not picky eaters and will eat seeds, grasses, insects, small mammals and reptiles. At the Zoo, they are fed special crane pellets and are given mealworms and crickets. They also eat bugs that they find in their exhibit.



A First Kori Bustard Hatch

The bird department had a very significant hatching in 2012: three hatchling Kori Bustards! The bird department had a state of the art Grumbach incubator donated from the Kori Bustard SSP and the Fly-tiers Association. This new incubator was instrumental in keeping the humidity levels low for proper egg development.

For the past several years, the Birmingham Zoo Bird Keepers have been sending naturally molted Kori Bustard feathers to the Kori Bustard Feather Project. This is a joint effort between the Kori Bustard SSP and AZA zoos that house Kori Bustards, and a fly-tying organization headed by program coordinator John McLain, Fly-tier Program Coordinator, in Michigan which provides free Kori feathers to all interested fishermen. Formerly, Kori Bustard feathers were very expensive and birds were poached in their native habitat in Africa to meet these demands. By providing these feathers at no cost, the market for feathers from poached birds has been dramatically reduced.

The Kori Bustards at the Birmingham Zoo have produced fertile eggs for the past two years, but the Zoo did not have a suitable incubator, and the eggs failed to hatch. Thanks to the Kori Bustard SSP and John McLain the Zoo was able to hatch the first Kori Bustard in 2012!

In their homeland of Africa, it is tradition to keep Crowned Cranes at household compounds. They are kept in these compounds to eat pests and serve as “watch birds” because they honk loudly when visitors approach. The Crowned Crane is also the national bird of Nigeria. While once abundant in Nigeria, the numbers are now reduced to just a few birds.

Come by the Kiwanis Giraffe Encounter and see these lovely birds. They are a beautiful sight, and they may even dance and honk for you!



INSPIRING PASSION FOR THE NATURAL WORLD THROUGH EDUCATION

In 2012, the Zoo “**Inspired Passion for the Natural World**” through a variety of education initiatives that included school programs, day-time classes, nightlife programs, patch programs, Kiwanis ZooSchool and camps. Collectively, educational programming set records in attendance with 23,076 visitors with a revenue of \$364,899.15, which made 2012 a successful year for the Zoo!



Thousands of smiling children in pre-kindergarten through eighth grade delighted in the Zoo’s educational summer camps, as well as hundreds more children ages pre-kindergarten through fifth grade participating in school break camps. Children enjoyed exciting up-close animal encounters, train

and carousel rides, play-time in the Children’s Zoo fountains and guided tours while learning about a variety of important information such as animal behavior, wildlife conservation and how to be a ZooKeeper. The on-site education programs set attendance and revenue records in 2012. Below is the detailed breakdown of how Birmingham Zoo’s educational programs served the community:

Summer and school break camps	7,319
On-site school programs	11,490
Nightlife programs	1,025
Homeschool classes	498
Classes for young children	314
Patch programs	319
Kiwanis ZooSchool	1,995
Zookeeper for a day	44

TOTAL	23,076 visitors
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November played host to one of the Zoo’s most popular events, Hogwarts Academy at the Zoo. Sponsored by Children’s of Alabama and Books-a-Million, students were guided from one magical class to the next. Over 500 students were immersed in enchanting classes such as Charms, Care of Magical Creatures, Transfiguration, Potions, Divinations, Owlery, Herbology and even got to ride the Hogwarts Express, known as the Red Diamond Express Train.

2012 brought much excitement and innovation as the Zoo focused on improving educational programming and the customer service experience. The efforts by the staff to achieve these goals were made evident by the records set in attendance. Staff members attended the Association of Zoos and Aquariums Annual Conference where they presented papers and served on the Conservation Education Committee and the Annual Conference Program Committee. The Zoo continues to build upon its strong momentum for 2013.



KIWANIS ZOOSCHOOL

2012 was a remarkable year for Kiwanis ZooSchool, marking the completion of its fourth semester of the program. Kiwanis ZooSchool is an interdisciplinary program designed to give seventh grade students attending Birmingham City Schools an exclusive and interactive educational experience. Each week, students are taught a week long curriculum based on the Birmingham Zoo's Trails of Africa exhibit.

The mission of Kiwanis ZooSchool is to provide each participating student with a sustainable "Passion for the Natural World" through innovative learning experiences shaped by critical thinking skills, "hands-on" activities as well as real world applications attained in an environment outside of the standard classroom. Over the course of the year, 20 different Birmingham City School seventh grade classes are taught their core subjects in a unique environment. Kiwanis ZooSchool hopes that this exposure to new experiences will inspire each student to continue educational achievement throughout their lives.

The Kiwanis ZooSchool curriculum adheres to the Alabama State Department of Education Course of Study standards, and it has been designed to reinforce the value of student achievement in the classroom. The instructional goals and objectives embedded in the Kiwanis ZooSchool curriculum are designed to aid in increasing student achievement. Students of Kiwanis ZooSchool are administered both a pre-assessment upon arrival to the Zoo and a post-assessment upon completion of the program. These assessments are graded by the Kiwanis ZooSchool teachers and sent to Dr. Lynda Idleman of Idleman & Associates for data analysis. Based on post-assessment results, students have increased their performance by 84%. Also, a study conducted during the 2011-2012 school year comparing Kiwanis ZooSchool participants to a control group of non-participants showed significant gains by Kiwanis ZooSchool participants in knowledge of science, wildlife conservation and the history and geography of Africa. Significant gains of over 30% were made by Kiwanis ZooSchool participants compared to the control group of non-participants.

As a result of the lasting impact to student growth and potential, the Birmingham Zoo continues to offer an

exceptional educational and environmental initiative. Kiwanis ZooSchool places value on qualitative learning so as to promote longevity and sustainability in the program. Kiwanis ZooSchool promotes conservation efforts that coincide with the Birmingham Zoo's mission of "Inspiring Passion for the Natural World" by offering students information and opportunities to raise environmental awareness both locally and globally.

Kiwanis ZooSchool participants for 2012 included the following Birmingham City schools:

Center Street Middle School
Martha Gaskins Middle School
Malachi Wilkerson Middle School
Booker T. Washington K-8 School
Bertam A. Hudson K-8 School
Richard Arrington, Jr. Middle School
Daniel Payne Middle School
W.E. Putnam Middle School

Along with the Zoo's strong alliance with the Birmingham City Schools - Title 1 District, the Zoo is grateful for the Kiwanis Club of Birmingham and the support from the local business community as well as individuals and foundations to ensure the success of Kiwanis ZooSchool.

Recently, the Kiwanis ZooSchool program received a generous "Museums for America" federal grant totaling \$133,000 (\$66,500 for 2012 and 2013) from the Institute of Museum and Library Services. The Birmingham Zoo was the only recipient in the state of Alabama to receive this award. In addition to this award, the Kiwanis ZooSchool program partners with local businesses as part of a local initiative to help provide Title 1 district students the opportunity to learn in a new light.

In 2012, other significant contributions include Alabama Power Foundation's donation of \$75,000 and Hill Crest Foundation's donation of \$50,000 towards Kiwanis ZooSchool. With all the donors' dedication and support, the program continues to thrive by impacting and enriching the lives of the students, the teachers, the City School system, and its community.

KIWANIS ZOOSCHOOL

Special gratitude to the major sponsorships for Kiwanis ZooSchool 2010-2012:

Alabama Power Foundation
Birmingham City Schools
BBVA Compass
P&C Carroll Foundation
Children's of Alabama

City of Birmingham –
Councilor Valerie A. Abbott
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Thomas & Julia Crawford

Special gratitude to the following donors in 2012, who have directly impacted the City School students in Birmingham and the community through the Kiwanis ZooSchool:

Mr. and Mrs. James E. Allen
Ms. Krissie Allen
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Ms. Bette Anne Barger
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Mr. and Mr. Randy Batten
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Mr. John E. Cox
Mr. Bradford Dillion
Mr. and Mrs. Kenneth Duncan
Ms. Kimberly Ferguson
Mr. and Mrs. J. D. Fraley
Mr. and Mrs. Peter Fruin
Mr. and Mrs. Anton H. Gaede III
Mr. Nick Gaede
Mr. William Gresham
Mr. and Mrs. Joe Gribbin
Mr. Howard Hall
Ms. Rona Harper

Mr. Walter Roy Hoffman
Dr. and Mrs. Leland Hull, Jr.
Mr. Ivey Jackson
Mr. and Mrs. Frank James III
Dr. and Mrs. Jim Kamplain
Ms. Diane Kanzler
Mr. and Mrs. Gerald Karcher, Jr.
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Mr. Jerry Kimbrough
Ms. Carolyn King
Mrs. Carrie Kreps
Ms. Elizabeth B. Marbury
Mr. and Mrs. Hugh J. Morgan, Jr.
Mr. and Mrs. Josh Morgan
Ms. Emily Omura
Mr. and Mrs. Wray Pearce
Mr. J. Harold Pearson
Dr. and Mr. Glenn Peters
Ms. Martha Pezrow
Mr. and Mrs. Wilmer Poynor III
Mr. and Mrs. Roger Pugh
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Mrs. Elberta G. Reid
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Mr. Hugh Rushing
Mr. and Mrs. Lance Rushing
Mrs. Allen D. Rushton
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Mrs. Richard Simmons
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Ms. Rosemary Strouss
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Ms. Dawn Ann M. Tynes
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Mrs. Charles B. Webb, Jr.
Mr. and Mrs. Forest S. Summers Wros



INSPIRING PASSION FOR THE NATURAL WORLD

In 2012, the Birmingham Zoo launched a formal C.A.R.E.S. mission. This stands for Conservation and Research. BZI C.A.R.E.S. is mission driven and AZA directed, with emphasis on professional development and personal passion and values of its staff.

Our mission is to “Inspire Passion for the Natural World through emphasizing Conservation, Education, Scientific Study and Recreation in all aspects of the Birmingham Zoo’s exhibits, programs, facilities and activities.” Thus, conservation and research is a core value of our mission to inspire passion for the natural world.

As an accredited institution of the AZA, the Birmingham Zoo spends a portion of the budget on science and conservation education and is required to allocate a percentage of the budget to field conservation.

The staff at the Birmingham Zoo, as with many zoos across the country, works here because they already have strong personal values regarding conservation of species and love for the natural world. BZI strives, not only to cultivate the professional development of its employees through programs such as the Passion into Conservation Action grants, but BZI also strives to find ways to contribute to an employee’s personal enthusiasm and satisfaction with their job while making a major impact to the community and its environment.

The Birmingham Zoo believes and supports what the Zoo calls “Conservation Projects with Vision.” This means that regardless of what level a conservation project takes place, locally or internationally, the Zoo strives to participate in conservation projects that have multiple levels of impact on a global, national and local level.



Examples of our C.A.R.E.S. partnerships (short and long term) include:

International Partnerships:

Dian Fossey Gorilla Fund International

Tarangire Elephant Project

International Rhino Foundation

BZI Passion into [Conservation] Action Grants to include:

Research with Small African Felids, The Mariana Avifauna Conservation (MAC) Program, Commonwealth of the Northern Mariana (CNMI), and AZA Orangutan SSP Field Visit, Malaysia

National Centers & Research:

The National Elephant Center (TNEC)

South-East Zoo Alliance For Reproduction & Conservation (SEZARC)

IMLS Zoo Elephant Welfare Project

BZI Passion Into [Conservation] Action Grants to include:

Marine Mammal Research Center, Sausalito, CA

Local, State & Regional:

BZI Passion Into [Conservation] Action Grants. Examples include: Captive Head Start Program for Alabama’s Endemic Flattened Musk Turtle (*Sternotherus depressus*), A Health Assessment of Black Bears in Alabama and Oyster Reef Restoration

All these partnerships are formed at multiple levels, from AAZK Local Chapter event, The Nature Conservancy, Piping Plover Surveys (Operation Migration), and BZI Passion Into (Conservation) Action, classified as PiCA grants.

Passion into (Conservation) Action Grants are grants awarded for proposals that support and further the conservation of species at local, regional, national or international levels. With conservation vision in mind, BZI designed PiCA grants to have three levels of impact. Grant applicants were asked to explain how their project would benefit the conservation of species, benefit the Birmingham Zoo, Inc. and advance the employee’s career.

Travis Coty, BZI Zookeeper – Research with small African felids in South Africa

The 2012 winners of the **Birmingham Zoo PiCa Grants** are:

Travis Coty – ZooKeeper Predators – (International Level)
Research with small African felids, its breeding program and its demand for South African preserves as well as to increase the rare fields in zoos to broaden genetic populations.

Christine Hoskinson – Animal Health Center– (State and Local Level)
A health assessment of black bears in Alabama.

Brandon Moyer – ZooKeeper Reptiles – (State/Local)
Oyster reef restoration in Alabama.

Jeff Pribble – ZooKeeper Birds – (International Level)
Mariana Avifauna Conservation Program to work in partnership with AZA to save bird populations at risk due to predation by brown tree snakes on the island of Guam.

Daniel Self – ZooKeeper Reptiles – (State/Local Level)
Captive Head Start Program for Alabama's Endemic Flattened Musk Turtle.

Danielle Williams – ZooKeeper Primates – (International Level)
AZA Orangutan SSP – Trip to Zoo Negara on peninsular Malaysia, plus to Borneo visiting orangutan rehabilitation centers and palm oil plantations.

Lindsey Bicksler – ZooKeeper Predators – (National Level)
Assist in Marine Mammal Center (in Sausalito, California) and its mission to rescue marine mammals in need.

The Birmingham Zoo's conservation funds are generated from a portion of admission fees, a portion of family memberships, a portion from donations and private contributions dedicated to conservation.

Special gratitude to the sponsorships and donations for Birmingham Zoo's conservation initiatives:

Ms. E. Bryding Adams
Alabama Power Company
Anonymous
Mr. and Mrs. Winfield Baird
BlueCross Blue Shield of Alabama
Ms. Ellen G. Byrd
Dogwood Garden Club
Mr. Bruce Hamilton
The Thomas E. Jernigan Foundation
Protective Life Corporation
Mr. Terrill W. Sanders
Sterne Agee
Vulcan Materials Company
The Warren Family Foundation
Wells Fargo



Lindsey Bicksler

ZOORUN 2012 – RUN WILD FOR AFRICAN PAINTED DOGS TO RAISE AWARENESS

The Birmingham Chapter of the American Association of ZooKeepers (AAZK) is a group of ZooKeepers, educators and other Zoo professionals who strive toward conservation and fostering an appreciation for the animal care profession. The ZooKeepers share the Zoo's mission by raising awareness of conservation initiatives through daily interaction with guests, caring for the animals and planning a fundraising event called the ZooRun.

One of the most successful fundraisers was the 7th annual ZooRun, held on May 19 from 7:30 to 10:00 am. The event had approximately 500 runners with 200 family members.

Avid runners chose to run the 5K course through the Birmingham Zoo. There are four various age-level races for the children to participate.

AAZK raised \$6,700 to be donated to the Painted Dog Conservation. Painted Dogs, known as African Wild Dogs, are among the continent's most endangered species. It is estimated that only 3,000 to 5,000 remain. Painted Dog Conservation is to "protect and increase range numbers of painted dogs through hands-on conservation efforts, education, community involvement and international support."

Special gratitude to the 2012 ZooRun Sponsors:

Haskell, Slaughter, Young and Rediker, LLC
Nall-Daniels Animal Hospital
The Fitness Center
The Trak Shak



WELCOMING OF MAX, THE SOUTHERN WHITE RHINO

The Association of Zoos and Aquariums Species Survival Plan (SSP) recommends that Ajabu and Laptop, the Zoo's two female southern white rhinos, breed to aid in the conservation of the southern white rhinoceros.

The recommended mate is Max, a 13-year-old southern white rhino from the Brevard Zoo in Florida. Max is well-suited for his name. He weighs 5,398 pounds and stands six feet tall, four feet wide, and 12 feet long. Most importantly, both of his parents are from Africa. Therefore, Max is extremely genetically valuable to the White rhino population in zoos. Currently, there are less than 25,000 White rhinos living in the wild, and poaching is a serious threat to the dwindling rhino population in Africa.

All five living rhinoceros species, Black, White, Indian, Sumatran and Javan, are in peril from poaching and from human settlements encroaching on their habitats in Africa, Indonesia and India. In South Africa, home to three-quarters of the last remaining rhinos on the planet, there are conservationists, private game reserve owners and security forces who are waging a desperate battle against poachers intent on killing the country's rhinos for the lucrative sale of their horns. Last year alone, poachers killed more than 400 rhinos. It is critical that the Zoo do its part to conserve these amazing animals. The International Rhino Foundation works closely to protect threatened rhino populations and their habitats in the wild, while supporting management of and research on captive populations to improve long-term survival rates.

The following donors in 2012 filled two critical needs: to help bring Max to the Birmingham Zoo and support conservation efforts in Africa through the International Rhino Foundation.

Anonymous	Mr. Kenneth Gallo
Mr. and Mrs. Michael Balliet	Mr. and Mrs. Tom Gauldin
Mr. and Mrs. Zack Barnes	Mr. Roy Green, Jr.
Dr. and Mrs. Robert Bauman	Mr. Bruce Hamilton
Ms. Karen S. Bell	Ms. Rona Harper
Ms. Penelope Bosarge	Mr. Brian Harris
Mr. and Mrs. Stan Bradley	Mr. and Mrs. Samuel Haskell
Ms. Elna Brendel	Ms. Mary Higgins
Mr. and Mrs. John Brock	Ms. Carol Ann Hobby
Ms. Carolyn A. Brockman	Mr. Steven C. Hodges
Dr. and Mrs. Charles Bugg Jr.	Mr. and Mrs. Lutz Hofbauer
Mr. George B. Butler	Ms. Mary Holbert
Mr. and Mrs. Jack Carr Jr.	Mr. and Mrs. Thomas E. Hunt, Jr.
Ms. Georgeann Carter	Mr. and Mrs. Glenn Ireland II
Ms. Norma Chandler	Ms. Constance E. Jackson
Mr. and Mrs. Stephen Chazen	Mr. Robert G. Johnson
Mr. Mike Chen	Ms. Amy R. Jones
Mr. and Mrs. John Clark	Jones Family Fund
Mr. and Mrs. H Coghlan	Mr. Joseph R. Kacmarynski
Ms. Janis C. Cordell	Mr. Randall Kennedy
Ms. Betty Cowin	Ms. Diane Kent
Dr. and Mrs. Donald A. Deinlein	Mr. and Mrs. Tom Killian
Mr. and Mrs. Donoavon E. Dixon	Mr. and Mrs. Jerry Kimbrough
Mrs. Barbara Drinkard	Mr. Theodore Kluz
Mr. and Mrs. Joseph Dumontier	Mr. and Mrs. Bruce Liles
Mr. and Mrs. Kenneth Duncan	Mr. Barry Dean Lollar
Ms. Mary Ann Dyer	Mr. Robert L. Marcus
Mr. Lewis H. Eberdt	Ms. Virginia Martin
Mr. and Mrs. Paul Elkourie	Ms. Mary Beth Masor
Mr. Robert A. Ferguson	Dr. Charles A. McCallum
Mr. Terry Fierman	Mr. T. H. McLaughlin
Mr. and Mr. John Fiveash	Mr. Ricky W. McQuiston
Mr. Mark Friedman	Mr. and Dr. James J. Monaghan, Jr.

Mr. and Mrs. Patrick Murphy	Ms. Marilyn Sheffield
Mr. Wally Nall, III	Mrs. Richard Simmons
Mr. Deon Neighbors	Ms. Glo Spruill
Mr. and Mrs. Eddie Nichols, Jr.	Mr. and Mrs. Gaston Stein
Mr. Willaim B. Nickell	Mr. and Mrs. Jason Stein
Mr. Ruth Peer	Ms. Rosemary Strouss
Mr. and Mrs. Andy Peters	Mr. and Mrs. William F. Swoger
Ms. Martha Pezrow	Mr. and Mrs. Thomas P. Taylor, Jr.
Ms. Jeanne I. Phillips	Ms. Janice Thorson
Ms. Nancy Price	Ms. Temple Tutwiler
Mr. and Mrs. J. Reed	Mr. Joe D. Varden
Mr. and Mrs. Stephen H. Reich	Ms. Dorothy H. Vines
Mr. and Mrs. James Richardson	Mr. Frank A. Wagner
Mr. Mel Robinson	Mrs. Charles B. Webb, Jr.
Mr. William Roden	Mr. Roger Wentowski
Ms. Mary O. Roebuck	Mr. and Dr. Donnie White
Mrs. Allen D. Rushton	Ms. June Wiggins
Dr. Paul Salter and Dr. Merle Salter	Mr. and Mrs. Paul Wilson
Mr. and Mrs. Gregory Scott	Ms. Mary Winfree
Mr. Rich Sharff	Ms. Louise Wofford



DEDICATED TEEN AND ADULT VOLUNTEERS AT THE BIRMINGHAM ZOO

In 2012, volunteers contributed 46,120 hours of service to the Birmingham Zoo. Dedicated volunteers in both our Teen and Adult Volunteer Programs served as interpreters around the Zoo, explaining the Zoo's mission of conservation to visitors. They also served as the face of the Zoo, greeting visitors and giving directions at the Zoo's entrance. Additionally, volunteers partnered with some of the animal departments to conduct animal observations, carefully recording behaviors for the ZooKeepers. Zoo Docents led educational programs for school groups and did exciting animal presentations for campers in our ZooFari Camps throughout the year, while Teen Volunteers served as camp assistants. Some of our volunteers even served in animal husbandry positions where they helped ZooKeepers carry out rigorous tasks that occur behind the scenes at the Zoo.

More than 15 college interns served in a variety of animal departments in 2012. In addition to assisting the Zoo, they gained important job skills and learned more about the day-to-day operations of the Zoo, giving them knowledge they can carry with them as they move into the professional world.

Throughout the year, groups of volunteers from a variety of schools and organizations (including BBVA Compass, Regions, Samford, Target, UAB and others) worked hard in completing service days at the Zoo. They helped with exhibit updates, putting up and taking down decorations for events, and much more.

During the Zoo's busy special events season from October through December, approximately 1,000 short-term volunteers



Adult Docent, Susan Alexander

joined the Adult and Teen Volunteer programs to assist the Zoo with the Wells Fargo Boo at the Zoo and Wells Fargo ZooLight Safari events. Volunteers played an essential role in the success of the events, from greeting visitors to hosting games and activities, to distributing candy and more.

These are only a few of the innumerable ways that the Birmingham Zoo's incredible team of volunteers contributes to the Zoo. We are so grateful for their dedication and service in 2012 and every year.



From left: Steve Parillo, Cheryl Williams and Denise McClay

Beautification Spot at the Zoo in Memory of Lua Martin

On March 16, 2012, Lua Gallalee Martin was honored by her husband, Gordon G. Martin, and their children, Gordon Martin, Hugh Martin and Lua Wells. They gathered to see a garden they dedicated in memory of Lua. The new garden is located by the flamingo exhibit and features benches to view the displays of seasonal flowers.



Lua Martin was Past President of the Alabama Zoological Society (AZS), where she also served as Secretary and Vice President. In addition, she served as President of the Crestline School PTA,

President of the Friends of the Emmet O'Neal Library and worked on the Mountain Brook Junior High and Senior High School Boards.

Patty Pendleton, Guest Services Manager, describes Lua Martin as "an outstanding President who reached out into the "zoo world" to gather information that would benefit the Birmingham Zoo and the AZS in its role as a supporting organization of the Zoo."

"Lua Martin's legacy lives on through her family and their generous bright spot at the Zoo. It is a beautiful garden that allows everyone to enjoy the birds and flora," says Dr. William R. Foster, President and CEO of the Birmingham Zoo.



ADULT VOLUNTEERS (2012)

Special tribute to the Birmingham Zoo's outstanding and dedicated Adult Docents:

Ms. Teena Albanese	Ms. Candi Canterbury	Ms. Amber Gilreath	Ms. Melissa Long	Ms. Nikki Partain	Mr. Justin Thompson
Ms. Susan Alexander	Ms. Katy Crain	Ms. Dalton Gilreath	Ms. Anna Lynch	Mr. Yin Peng	Ms. Marcella Thompson
Ms. Elizabeth Anderson	Ms. Joan Crawford	Ms. Frances Gilroy	Ms. Allie Marchase	Ms. Amber Price	Ms. Tara Thronebury
Mr. Ed Azzouni	Ms. Teresa Dambach	Ms. Sarah Graham	Ms. Dale Mashburn	Ms. Debra Quenelle	Ms. Grammy (Virginia) Tunnell
Ms. Jennifer Baggett	Ms. Ellen Deramus	Ms. Jodi Harrell	Mr. Gerri Mazer	Mr. Les J. Reed	Ms. Becki Vance
Mr. Don Basenberg	Ms. Joy Donaldson	Ms. Sara Hassanzadeh	Ms. Denise McClay	Mr. Holly Resuehr	Ms. Barbara Venturelli
Ms. Jenine Bastas	Mr. Larry Donaldson	Ms. Therese (Terry) Hendrix	Ms. Katherine McDowell	Ms. Katherine Riser	Ms. Katherine Walcott
Mr. Jerri Beck	Mr. David Duggan	Ms. Amy Hester	Ms. Sandra Mengel	Mr. Keith Roberts	Mr. Carl Waldrop
Ms. Margaret Bish	Ms. Michelle Duplichien	Ms. Sally Hirschberg	Ms. Audra Mickle	Ms. Danielle Robinson	Ms. Alysyan Wayman
Ms. Amanda Bodiford	Ms. Karla Farish	Ms. Jana Hornsby	Ms. Wallace Miskimon	Ms. Anna Rubens	Ms. Cheryl Williams
Ms. Chelsea Bodin	Ms. Aileen Farwell	Ms. Debra Jackson	Ms. Mary Murphy	Mr. Brian Shuler	Ms. Lindsey R. Williams
Ms. Jillian Breen	Ms. June Fletcher	Ms. Elizabeth Jarema	Ms. Andrea Murrell	Ms. Linda Sonnier	
Ms. Carolyn Brockman	Ms. Lauren Frazer	Ms. Stacey Kapoor	Ms. Alexandria Norman	Ms. Kaley Stephens	
Ms. Courtney Brown	Ms. Megan Garner	Ms. Kerry Kavanagh	Ms. Lindsay Odell	Mr. Brian Stokes	
Ms. Naomi Buklad	Ms. Barbara Gentry	Ms. Carrie Kramer	Ms. Nita Oliver	Ms. Amy Swiney	
Ms. Star Bullock	Ms. Dawn Gentry	Ms. Alana Lee	Mr. Ronald Ozeki	Ms. Maggie Tadlock	
Mr. George B. Butler, Jr.	Ms. McKenzie George	Ms. Roechelle Littleman	Mr. Steve Parillo		

TEEN VOLUNTEERS (2012)

The Teen Volunteers have been instrumental with the camps and bring a youthful energy to the programs:

Ms. Elizabeth Adams	Mr. Matthew Chandler	Mr. Ernest Grimes	Mr. Caleb Kourmoulis	Mr. Alden Peterson	Ms. Maeghan Steelreath
Ms. Tanner Ames	Ms. Sadee Chapman	Mr. Darby Jack Gustafson	Ms. Mallie Lang	Mr. Noah Phillips	Ms. Jada Streety
Ms. Cara Anderson	Mr. Lucas Christian	Mr. Devin Hagan	Mr. Ryan Leaman	Ms. Megan Proctor	Ms. Samantha Strunk
Mr. Samuel Andrews	Mr. Michael Chung	Mr. Jason Hammond	Ms. Anna Leger	Ms. Kylie Purdy	Ms. Emily Stubblefield
Mr. Hugo Anguiano	Mr. Sam Cianchetti	Mr. Siyin Han	Mr. Evan Liu	Ms. Maddy Pyles	Ms. Raigen Sumrall
Mr. Abhimanyu Arora	Ms. Erin Clarke	Ms. Taylor Harris	Ms. Yang Liu	Ms. Hope Quinn	Ms. Aunisty Swayne
Ms. Srinith Athan	Mr. Devon Cope	Mr. Jay Harvey	Ms. Caroline Lowe	Ms. Silvia Renault De Castro	Ms. Aimee Sznajderman
Ms. Alyssa Baldwin	Ms. Grace Covington	Ms. Emilie Harwell	Ms. Borong Ma	Ms. Amanda Rice	Ms. Kaylin Thacker
Ms. Karina Barrington	Ms. Mariah Covington	Ms. Hannah Hassell	Ms. Isabel Martin	Ms. Brittany Rice	Ms. Maiya Thomas
Ms. Chandan Basetty	Ms. Savannah Creel	Ms. Chase Hawkins	Mr. Jourden Martin	Ms. Ciembra Rice	Ms. Caroline Till
Mr. Spencer Batten	Ms. Rebekah Daniels	Mr. Joshua Hentley	Ms. Jesslyn McClearia	Mr. Galien Richardson	Ms. Mijon Utomi
Ms. Jerika Bell	Mr. Devyn Danley	Ms. Ashley Henton	Ms. Magnolia McCormick	Mr. Logan Rogers	Ms. Neelu Varghese
Ms. Meredith Bell	Ms. Camille Davis	Ms. Blaise Herman	Mr. Cheyenne McGowan	Ms. Kirstyn Rudd	Mr. Spencer Vaughn
Ms. Catelyn Benefield	Ms. Divya Desai	Ms. Ali Heyat	Ms. Merideth McKee	Ms. Kayla Ruffin	Mr. Nathan Walton
Ms. Paige Berryhill	Mr. Shiv Desai	Ms. Mary Hannah Grace Higgs	Ms. Nadia Miller	Mr. Jack Ryan	Mr. Philip Wang
Mr. Ian Black	Mr. Aja Dixon	Ms. Lauren Holbrook	Mr. James Moore	Mr. Arrix Ryce	Ms. Brenna Washburn
Ms. Ashlyn Bondurant	Mr. Jordan Doss	Ms. Grace Holland	Ms. Briana Morris	Ms. Kiersten Schellhammer	Ms. Kiana Watson
Ms. Jenna Bouchillon	Ms. Emily Edmonds	Ms. Emma Holt	Mr. Slavin Mu	Ms. Hannah Schneider	Ms. Cailyn Weatherby
Ms. Brooke Boyd	Mr. James Englebert	Ms. Te'shia Houser	Mr. Sam Muir	Mr. William Scott	Mr. Austin Weldon
Mr. Adam Brasher	Ms. Nicole Estrada	Ms. Summer Howard	Mr. Logan Mullins	Ms. Roveena Selvan	Mr. Galen White
Ms. Caleb Brezina	Ms. Bailey Evans	Mr. Michael Hydrick	Mr. Gavin Mussleman	Ms. Grace Sessions	Ms. Lorna Winkle
Ms. Amy Brinton	Ms. Meredith Featheringill	Ms. Emma Jackson	Ms. Dilane Mwangi	Ms. Lilly Sharp	Mr. Aaron Wilbanks
Ms. Emily Britton	Mr. Zach Feig	Ms. Madison Jacobs	Ms. Lauren Neff	Mr. David Sides	Mr. Eric Williams
Ms. Jordan Broadhead	Ms. Rose Ferguson	Ms. Harsh Jain	Ms. Katherine Neil	Mr. Thomas Siple	Mr. Reese Williams
Ms. Taylor Brooks	Ms. Sophia Ferguson	Mr. Cassidy Johnson	Ms. Josie Niedermeier	Ms. Lauren Sizemore	Mr. Christopher Woodall
Mr. Christopher Brown	Ms. Emily Fisher	Ms. Christina Johnson	Ms. Margaret North	Mr. Thomas Skinner	Mr. Karlos Wright
Ms. Keri Brown	Mr. Demarcus Ford	Mr. Joshua Johnson	Ms. Ashley Oakman	Mr. Nicholas Skjellum	Ms. Brittany Wyatt
Mr. Kevin Bryant	Mr. Matthew Foster	Mr. Carson Jones	Ms. Amelia O'Hare	Ms. Sarah Sladick	Ms. Charby Xu
Ms. Brooks Burgess	Mr. Chris Garrido	Mr. Christopher Jones	Ms. Kalisea Olson	Ms. Andriana Smith	Mr. Allen Yu
Ms. Elizabeth Byrd	Mr. Tommy Garvey	Ms. Kaitlin Jones	Mr. Arphaxad Otamias	Ms. Isabel Smith	Ms. Shirley Zhang
Ms. Mary Margaret Byrne	Mr. Schuler Goepfert	Ms. Kristen Kannard	Ms. Kayla Page	Mr. Peyton Spencer	Mr. Danni Zhou
Mr. Thomas Byrne	Ms. Nykaela Goldsmith	Ms. Hannah Kindervater	Ms. Nikki Panzica	Ms. Sarah Spiers	Ms. Madison Zilke
Ms. Briana Carter	Ms. Yaireth L. Gomez	Ms. Lily Koback	Ms. Brianna Parks	Mr. Jacy Stanford	

RECORD ATTENDANCE AT THE BIRMINGHAM ZOO OF OVER 500,000 GUESTS ANNUALLY!

Wells Fargo Boo at the Zoo 2012

Wells Fargo Boo at the Zoo

is a fun-filled 14 nights in October and a favorite attraction for families and individuals to have a safe and memorable experience trick-or-treating. With a record attendance at this event of more than 24,000 guests and gross revenue exceeding \$320,000, visitors dressed up in family-friendly costumes and experienced an array of Halloween-inspired activities, shows and rides. Some new and exciting attractions included the following: children's pony rides as a main attraction; a decorated "scarousel"; Ghoul School at Grandma's Back Porch, and a safe & fun trick-or-treating in a candy maze. An annual favorite was the Halloween-themed WildLife Show, **Scooby Doo**, bringing in record crowds.



Wells Fargo ZooLight Safari 2012

Partnered with Wells Fargo, The Birmingham Zoo twinkled into the holiday season on Friday, December 7 as part of the annual Wells Fargo ZooLight Safari kick-off for a 15-night ZooLight extravaganza.

Over half-a-million twinkling lights transformed the Zoo into a winter wonderland, complete with a new outdoor skating rink. The outdoor skating rink, sponsored by Wells Fargo, was an experience of a lifetime here at the Birmingham Zoo, with 3,400 children ice skating right here at the Zoo! Visitors had the opportunity to take part in story time, animal demonstrations, the Jingle Bell Carousel, the Holiday

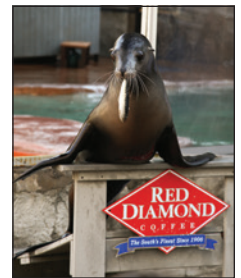
Express Train Ride, Santa's Roller Racers and the Winter Trail Hayride, among others. Santa was on hand for photos each night of the ZooLight Safari until December 23rd. With a record attendance of over 43,000 guests and gross revenue of over \$352,000, funds go directly towards the daily operations of caring for the Zoo's collection and educational and conservation programs.

Wells Fargo has also been instrumental in supporting Zoofari summer camps with scholarship funds allowing additional families to participate. These enriching programs provide children with a safe and learning experience about animals, nature, and conservation. The Education department strives to connect people with nature by enhancing their understanding and appreciation for the wonderful diversity of nature that surrounds us daily.

Red Diamond Sea Lion Show and the Red Diamond Express Train

With a strong partnership with Red Diamond, Inc. since 2006, over 500,000 guests experience the Red Diamond Sea Lion Show and the Red Diamond Express Train, both favorite family attractions at the Birmingham Zoo.

At the Red Diamond Sea Lion Show, this wet and fun show features sea lions, Giovanni and Farley, who were rescued from the bay areas in California. This year, guests have an up-close view at this aquatic species perform back flips, high jumps and balancing acts. Riding the Red Diamond Express Train has a scenic view through the Zoo, and guests learn about all the Zoo's animals and exhibits from the train conductor.



ZOOGALA AND THE CORPORATE PARTNER PROGRAM

The ZooGala Corporate Partner Program

The ZooGala Corporate Partner Program (CPP) is an exciting initiative that continues to thrive. Corporations are invited to participate in the ZooGala Corporate Partner Program that gives them the opportunity to make a significant donation at the beginning of the year that supports ZooGala and the Zoo's other main events during the entire year. Their leadership and generosity support daily operations, conservation programs for the Zoo's collection and educational programs in the community. Thus, the goals of the businesses and the Zoo are able to align their objectives with each other's mission. Plus, this new program provides the opportunity for an organization to receive year-round recognition and other marketing benefits such as tickets to the Zoo's other main attractions, like Wells Fargo Boo at the Zoo and Wells Fargo ZooLight Safari.



ZooGala

On Saturday, September 15 at 6:30pm, the Birmingham Zoo hosted its largest fundraising event, ZooGala 2012, sponsored by IBERIABANK. Chairs of this year's event are Missy Cox and Allison Ingram. With elephants, a vasa parrot, a serval, a great horned owl and many more animals, guests enjoyed cocktails, dinner, live music and animal walkabouts in an African safari atmosphere.

This black tie-optional affair is held in the Zoo's signature exhibit, Trails of Africa. Guests are transported by a train ride on the Zoo's Red Diamond Express for cocktails beginning at 6:30pm, followed by a seated dinner at 8 pm. ZooGala featured live entertainment by K-JAMS, menu and decorations by Kathy G. & Company, an original piece of artwork by Thomas Andrew and jewelry by Empire Diamonds. During the evening, guests looked forward to special appearances by Bulwagi, Callee, Ajani or Tamani, the Zoo's African bull elephants in the Trails of Africa.

Special thank you to the companies that participated in the CPP through the Gala, the largest fundraising event at the Birmingham Zoo.

2012 ZOOGALA "PRESENTING" PARTNER **IBERIABANK**

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The Drummond and Clark Families
The Nall-Whately Foundation
Vulcan Athletics
Warren Averett, LLC



REACHING OUT TO SERVE OUR COMMUNITY

Dream Night with Children's of Alabama — Children's of Alabama hosted an event for their patients and families at the Birmingham Zoo in 2012. The Birmingham Zoo became a "Dream Night" just for the patients from Children's Hospital and their families. The Zoo's goal is to create an unforgettable evening for the very special guests. Being a private event, there were no lines for the rides, which created a personal Zoo experience. Animal encounters were enjoyed in the Children's Zoo and Trails of Africa. Some favorite activities included: the Red Diamond Train experience, the Red Diamond Sea Lion Splash Show where the sea lions waved and barked back at the children, and the Children's of Alabama clowns who painted faces. The Birmingham Zoo is grateful to Children's of Alabama and the sponsors, Landscape Workshop and McKinney Capital, for helping make this a special and memorable visit to the Zoo with their families.

McKinneyCapital



Children's
of Alabama®

Tails in the Trails — The Birmingham Zoo's Junior Board hosted its second annual spring event, Tails in the Trails, on Thursday, May 17. This event was presented by DonohooAuto. At 5:30 pm, over 250 attendees were greeted by Vasa the Vasa parrot, McCoy the barn owl, Nerf the Ball python, Axl the Uromastix and Pins the African Pygmy hedgehog along the walkway to Trails of Africa. Guests were then invited to enjoy cocktails and hors d'oeuvres. The event was catered by Southern Food Management and guests enjoyed live acoustic music performed by Big Town Run. Special appearances by Bulwagi, Callee and Ajani, the Zoo's African bull elephants, and other residents of Trails of Africa added to the overall excitement of the evening. The Birmingham Zoo gives thanks to the presenting sponsor, DonohooAuto and the following:



Amano, Amari Law Firm, EMJ Metals, Goodfellas Gaming, Grand Jete Barre Fitness & Boutique, O'Neal Steel, O'Neil Transportation, Ray Poynor, Realty South & Brian Boehm, SAHR, Saks Fifth Avenue, Stone River and Taylor Linens. The Birmingham Zoo's Junior Board strives to increase Zoo membership, assist with events and provide promotion of the Zoo. All funds raised supported these Birmingham Zoo's initiatives.

Sunset Safari at Kiwanis Giraffe Encounter is showcased

Sponsored by **IBERIABANK**

The Birmingham Zoo's Board of Directors along with Lynne Simmons, Lela and Frank Bromberg, Mary Gene and Tom Boulware, Catherine and William Cabaniss, Julia and Tom Crawford, Kathryn and Raymond Harbert, Carol and William Poynor, and Cheryl and Sam Upchurch hosted the second annual Sunset Safari at Trails of Africa on May 1. Special gratitude to Bucky Law and Transportation South who provided excellent service and shuttles for all guests. Guests, many who were wearing safari attire, were entertained by the Birmingham Heritage Band. They enjoyed the interaction with the Zoo's giraffes at the new Kiwanis Giraffe Encounter exhibit and observed the three African bull elephants as they roamed about. In addition, the five African lion cubs, who recently celebrated their first birthday, were also on exhibit.



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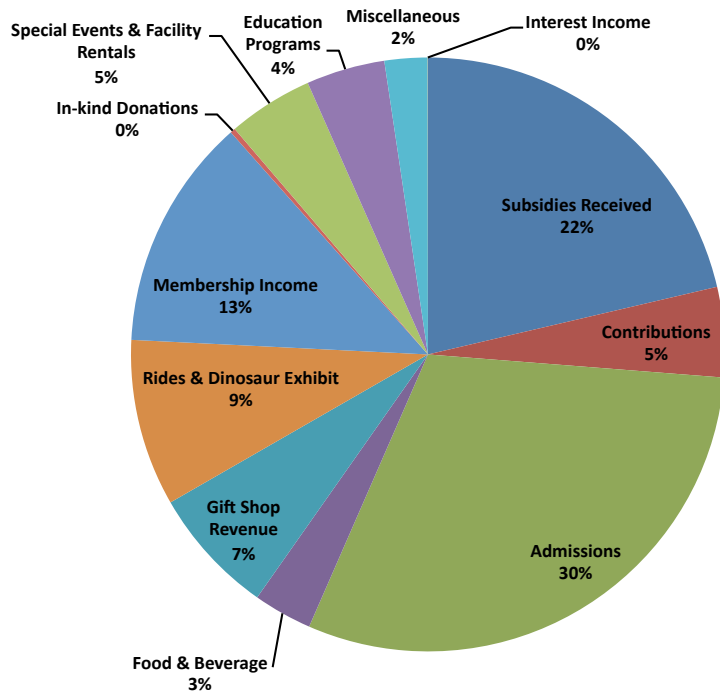
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FINANCIAL REPORT



STATEMENT OF ACTIVITIES

UNRESTRICTED NET ASSETS Support and Revenues

Subsidies Received	\$ 1,985,000	21%
Contributions	\$ 455,832	5%
Admissions	\$ 2,819,051	30%
Food & Beverage	\$ 297,628	3%
Gift Shop Revenue	\$ 646,146	7%
Rides & Dinosaur Exhibit	\$ 844,961	9%
Membership Income	\$ 1,177,709	13%
In-kind Donations	\$ 25,644	0%
Special Events & Facility Rentals	\$ 432,070	5%
Education Programs	\$ 398,180	4%
Miscellaneous	\$ 217,722	2%
Interest Income	\$ 1,046	0%

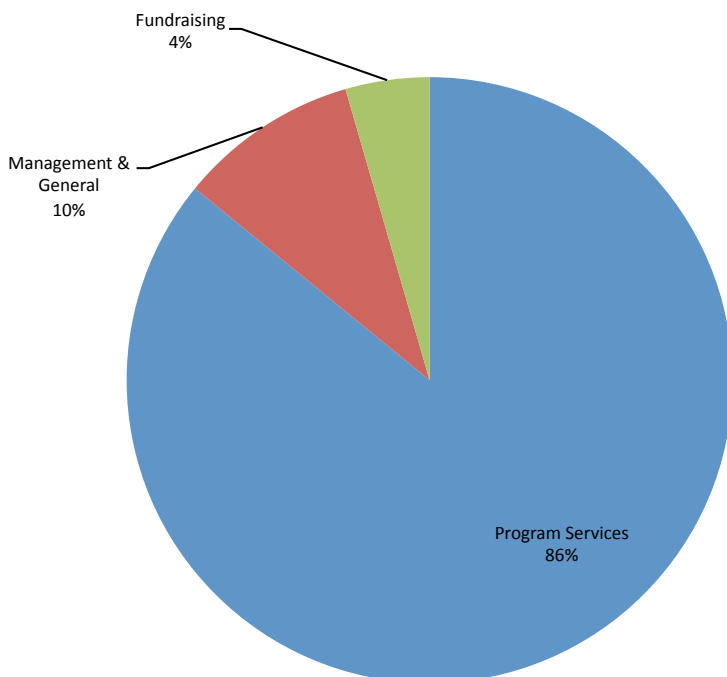
\$ 9,300,989

Assets Released from Restriction

\$ 610,524

Total Support and Revenue

\$ 9,911,513



Expenses

Program Services	\$ 9,180,852	86%
Management & General	\$ 1,027,724	10%
Fundraising	\$ 478,588	4%

Total Expenses

\$ 10,687,164

Decrease in Unrestricted Net Assets

\$ (775,651)

TEMPORARILY RESTRICTED NET ASSETS

Contributions	\$ 670,324
Assets released from restriction	\$ (610,524)
Increase in Temporarily Restricted Net Assets	<u>\$ 59,800</u>

Decrease in Net Assets

\$ (715,851)

Net Assets at Beginning of Year

\$ 25,304,405

Net Assets at End of Year

\$ 24,588,554

The Birmingham Zoo is an independent, not for profit, 501 (c) (3) organization.

**INSPIRING PASSION FOR
THE NATURAL WORLD...
THROUGH EMPHASIZING
CONSERVATION, EDUCATION,
SCIENTIFIC STUDY
AND RECREATION IN
ALL ASPECTS OF THE
BIRMINGHAM ZOO'S
EXHIBITS, PROGRAMS,
FACILITIES AND ACTIVITIES.**



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