

Non-Profit Org US Postage PAID Permit No. 9 Buffalo, NY 2014 annual report buffalozoo





FROM THE PRESIDENT

Donna M. Fernandes, Ph.D.

If I were to summarize 2014 with a single phrase, it would be "Focused on the Future." We knew from the beginning that attendance would never match that of the previous year, when our polar bear cubs were at the height of their popularity. We also recognized that construction of Arctic Edge might depress visitation since a large section of the Zoo's campus would need to be blocked off for construction. But if we wanted polar bears in our future, we knew we had to brace ourselves for a tough year financially and move on. The year was marked with our official ground breaking ceremony on February 19 and we were pleased that so many of our donors and public officials joined us for this momentous occasion.

The Zoo Board and staff spent several months working with consultants from Schultz and Williams to craft a new strategic plan for the Zoo, focused on four major areas: 1) Board and Staff leadership, 2) the Visitor Experience, 3) Animal Care and Conservation, and 4) Financial Sustainability. The plan also identifies several Phase III projects to be built in the coming years including an outdoor gorilla habitat, bird of prey and outdoor reptile area, and Himalayan Highlands exhibit.

With such a focus on new construction, it was nice to be recognized last year for two of our completed projects. The Delta Sonic Heritage Farm was honored with a 2014 Preservation Buffalo Niagara award while the new entrance received a Brick by Brick Award from Business First for the best new retail project of 2013.

Our Animal staff was also Focused on the Future through their participation in several conservation initiatives. Veterinarian Dr. Volle, Veterinary Technician Alice Rohauer, and rhino keeper, Joe Hauser, traveled to African Lion Safari in Cambridge, Ontario to assist with a rhino

immobilization and electro-ejaculation procedure. They are pros in standing sedation, and artificial insemination has become an important tool for saving endangered rhinos. We learned this first-hand when our Indian rhino Tashi gave birth to a healthy female calf on June 5, 2014. The calf was sired through artificial insemination from a male that had been dead for ten vears, but genetically preserved at Cincinnati Zoo's Center for Conservation and Research of Endangered Wildlife (CREW), With only 59 Indian rhinos in captivity in North America, and approximately 2,500 remaining in the wild, being able to successfully introduce genetics that are non or under-represented in the population is critical to maintaining the genetic diversity necessary to keep a population healthy and self-sustain-

The Buffalo Zoo also supported the long-term future of several reptiles and amphibians in 2014. Dr. Volle and herpetological manager Penny Felski assisted Conservation Biologists from the Seneca Nation and Dr. Ken Roblee of the NYS Department of Environmental Conservation with a headstart program for Blanding's turtles. Turtles were radiographed for the presence of eggs with oviposition subsequently induced. The collected eggs were incubated and the hatchlings will be released back into the wild. Penny and herpetology keeper, Illa Caira, also participated in Eastern Massasauaa rattlesnake fieldwork to support the local conservation of this threatened species. In addition, approximately 2,900 Puerto Rican crested toad tadpoles were hatched at the Buffalo Zoo and sent to Puerto Rico where they were successfully reintroduced into the toad's native habitat. Last but not least, Penny Felski and the Education Department conducted FroaWatch USA training for the third year in a row where citizen volunteers are trained to recognize the

vocalizations of frog species found in WNY to better census local populations.

Other Conservation Initiatives in 2014 included our Bowling for Rhinos event that brought in over \$10,000 for rhino conservation and our Cars for Conservation program that raised \$4,500 in parking revenue that was distributed to a number of worthy conservation organizations. We partnered with the Wildlife Conservation Society to support their 96 Elephants campaign and ban the sale of ivory in New York State. We also sent General Curator Malia Somerville to Churchill, Manitoba to see polar bears in the wild as part of Polar Bears International's Climate Alliance program.

It was no surprise that 2014 was not as successful as 2013. Great progress was made on Arctic Edge and our long-term strategic plan, but attendance and admission income were down. I appreciate all of the support from the Board of Directors, staff, and community as we focused on the future. I am happy to report, however, that we actually broke even for the year, thanks to a bequest that eliminated what would have been an operating loss of approximately \$45,500. 2015 should be much brighter indeed.



ANIMAL COLLECTION AND INVENTORY

Species born or hatched in 2014

Amazon milk frog, Annam leaf turtle, Blanding's turtle, Chinese three-stripe box turtle, common vampire bat, dama wallaby, desert grassland whiptail, Eastern Massasauga rattlesnake, giraffe, golden-lion tamarin, Japanese macaque, Mangrove snake, Mexican lance-headed rattlesnake, North American river otter, one-horned rhinoceros, Panamanian golden frog, Puerto Rican crested toad, reindeer, Rocky Mountain bighorn sheep, Solomon Islands leaf frog, spotted hyena, Sulawesi crested macaque, sunbittern, yellow-banded poison dart frog

Species or specimens acquired in 2014

Addax, African lion, African pancake tortoise, bald eagle, blue-crowned motmot, capybara, carpet python, Eastern indigo snake, green iguana, Guatemalan beaded lizard, Lady Ross' turaco, Mojave Desert sidewinder, Morafka's desert tortoise, red-rumped agouti, sidewinder, snow leopard, timber rattlesnake, Western Massasauga rattlesnake

Species removed from the collection in 2014

6-banded armadillo, Blanding's turtle, common peafowl, domestic donkey, lilac-breasted roller, mandrill, modest day gecko, falcated duck, red-billed leiothrix (Pekin robin), redstriped eartheater, spectacled bear, St. Vincent agouti, timber rattlesnake

2014			
Species	/	Specimens	

147/1.009*

Mammals	52/210
Birds	35/108
Reptiles	42/128
Amphibians	9/259
Fish	5/205*
Invertebrates	4/99*

These numbers do not include Education Department ani-

mals; otherwise, all species and specimens physically at the Buffalo Zoo are counted.

Counts indicated by * are estimated.

TOTALS



Research Projects Supported in 2014

The Zoological Society of Buffalo recognizes that important contributions are made to the Zoo and to the zoological profession by research efforts. The Society also recognizes that research benefits society at large by contributing to our collective knowledge of nature. Research projects conducted or contributed to as a result of Committee approval and/or cooperation with Association of Zoos and Aquariums requests in 2014, and those projects continued from previous years are listed below.

Amur Tiger

Erika Crook, DVMUtah's Hogle Zoo

The primary goal of this project is to determine the incidence of inflammatory bowel disease (IBD) in the tiger population. The researchers also evaluated gastrointestinal diagnostics, successful IBD treatments, as well as attempted to identify risk factors and possible familiar predisposition to IBD.

Asian Elephant

ill Mellen, Ph.D. Disney's Animal Kingdom.

John Lehnhardt, AZA Elephant TAG Vice Chair, Animal & Environmental Policy Director, AZA Elephant Center

The purpose of this study is to determine the environmental and husbandry factors that are most important to elephant welfare. Using a multi-disciplinary approach, researchers will establish science-based benchmarks for assessing individual elephant welfare by studying the population housed at AZA-accredited zoos (290 elephants in 78 facilities). This is a multi-year study funded by the Institute of Museum and Library Services (IMLS) and member zoos.

International Elephant Foundation AZA Elephant SSP

AZA Conservation Endowment Fund.

Study to reduce elephant deaths caused by Endotheliotropic Elephant Herpes Virus (EEHV). Historic data and blood samples provided to determine prevalence of EEHV in collection animals. Sample submission continued in 2014.

Greater One-Horned Indian Rhino

Monica Stoops, Cincinnati Zoo- CRES

Samples submitted for the determination of estrus cycles in captive Asian one-horned rhinos. The accurate determination of estrus is used to time natural and artificial breeding attempts. Sample submission continued in 2014.

Eastern Hellbender

Ken Roblee, New York State Department of Environmental Conservation Penny Felski, The Buffalo Zoo

Agreement with NYSDEC to hatch and rear hellbenders for release at age three into present and former range sites in New York State. Rearing of captive larvae and monitoring of 2012 released hellbenders continued in 2013. Sample releases of hellbenders were conducted in 2012, 2013, and 2014.

Robin Foster and Amy McMillan, Ph.D. SUNY at Buffalo Penny Felski, The Buffalo Zoo

A consolidation of information on hellbender physical abnormalities and injuries from field studies in the Allegheny watershed. Because the Zoo hellbenders came from this watershed, data on deformity rate at hatching was used as a baseline for comparison to field data.

Eastern Massasaugua rattlesnake

Lisa Faust, Ph.D., Lincoln Park Zoo

Buffalo Zoo Herp Manager, Penny Felski, served as a team leader in the field study survey of Massasaugua rattlesnakes in their natural habitat. The yearly study aids in the conservation of wild populations. Surveyors collect data on survey methods, search efforts, basic site information, and weather information. 2014 was the sixth year in the ongoing mark/recapture effort in Michigan. Every snake is processed for general health assessment, and samples are collected for future research needs. Environmental, spatial, and habitat assessment data are also collected for each capture or sighting.

Penny also serves on the Eastern Massasauga rattlesnake's SSP Research Committee.











Eastern Massasaugua rattlesnake Cont.

Randall Junge, MS, DVM, Columbus Zoo

Veterinary Advisor, Eastern Massasauga Rattlesnake SSP

Documentation of Chrysosporium (now Ophidiomyces) in four Massasaugas in 2008 was the first report of this fungal infection in this species. Nutritional assessment (serum chemistries, vitamins, minerals) have been done for this population. This project intends to monitor trace mineral values (nutrition) and protein electrophoresis (health) in EMR.

Lisa Faust and Rachel Santymire, Lincoln Park Zoo

This project aims to characterize the reproductive hormones of Eastern Massasauga rattlesnakes (EMR) with an ultimate goal of assisting zoo managers with assessments of reproductive status (gravid/non-gravid) and reproductive maturity.

Maned wolf

Nucharin Songsasen Marieke Kester

This research aims to better understand the role of urinary compounds that act as semiochemicals to regulate reproduction in maned wolves and to then utilize this information to develop a non-invasive method of inducing estrus in singleton females.

Dee McAloose, VMD Wildlife Conservation Society Pathology Advisor, Maned Wolf SSP

Submitted pathology reports to contribute to the Maned Wolf SSPs ten year review of maned wolf mortalities.

Laruen Henson and Nucharin Songsasen Smithsonian Conservation Biology Institute

Captive maned wolves are highly susceptible to gastrointestinal disorders, specifically inflammatory bowel disease. This project is investigating the genetic basis for IBD in maned wolves and used methods developed in domestic dogs to extract, amplify, and sequence specific genes in hopes of investigating the potential diagnostic value.

North American River Otter

Robert Pisciotta, DVM and Candyce Paparo Long Island Aquarium and Exhibition Center

The goal of this project is to gather baseline data on Von Willebrand disease in healthy North American river otters to compare with an individual who may possibly have the disease.

Polar bear

John Flanders, DVM, and Kathryn Gamble, DVM, Lincoln Park Zoo

Multiple bear deaths, including multiple polar bears, have been attributed to recombinant equine herpesvirus infection, necessitating a survey of all captive polar bears and exotic equids in the US to determine the potential prevalence of the disease.

A. Keith Miles, Ph.D., Liz Bowen Ph.D., and Todd Atwood, Ph.D., U.S. Geological Survey Michael Murray, DVM, Monterey Bay Aquarium Randi Meyerson Dinon, DVM, Toledo Zoo

The overall goal of this project is to develop a gene transcript panel for polar bears that can describe physiologic changes and thus identify potential environmental perturbations or stressors within individuals and populations.

Erin Curry, Ph.D., Cincinnati Zoo and Botanical Gardens

This ongoing project seeks to monitor sexual maturation in polar bears via non-invasive fecal analyses.

Charlotte Lindqvist, University of Buffalo

Deeply sequenced genomes allow us to begin to investigate the unique characteristics of the polar bear and how this may reflect its excellent adaptation to life in the extreme Arctic environment, and possibly help us understand its future challenges as its environment changes. Blood samples from the Zoo provide an opportunity to isolate candidate genes of interest and possibly look at gene expression levels as well.







Research Projects Supported in 2014 Cont.

Prehensile Tailed Porcupine

Kim Thompson, DVM, Michigan State University College of Veterinary Medicine

Gastrolithiasis in prehensile-tailed porcupine is a well-known health problem. The goal of this study is to determine if this risk can be decreased or reduced via dietary supplementation of taurine, thereby eliminating the need for surgical intervention.

Sulawesi Macaque

Dominique Bertrand, SUNY at Buffalo Susan Margulis, Ph.D., Canisius College

This study aimed to 1) determine if glucocorticoid metabolite levels in M. nigra feces differ between samples extracted via lyophilizing and samples extracted via 95% ethanol. 2) Determine if samples subjected to multiple freeze/thaw cycles vary in their glucocorticoid metabolite levels. The results were utilized to ensure that proper extraction and storage techniques are employed while in the field.

Vampire Bat

Macy Madden and Susan Margulis, Ph.D. Canisius College

Common vampire bats have become increasingly popular as zoo exhibit animals. However, little is known about the impact that the zoo environment may have on their behavior. The goal of this project is to determine the possible effect of visitors on bat behavior. This study will continue observations in order to build a larger data set in order to better understand the effects of crowd levels on common vampire bat activities.

Western Lowland Gorilla

Susan Margulis, Ph.D., Canisius College

Continuation of a project initiated in 2012 to evaluate how different contraceptives influence hormonal patterns and estrus behavior.

Mallory Abel and Susan Margulis, Ph.D., Canisius College

While some studies have identified zoo visitors as a potentially enriching stimulus for primates, other studies have found no effect, and still others suggest that visitors may have a stressful impact on primates. This study aimed to explore these possibilities by installing a temporary visual barrier (in the form of camo mesh) over the exterior of one of the viewing windows at the Zoo's gorilla exhibit.

AZA Ape TAG

Great Ape Neuroscience Project

Agreement to provide the brain of deceased western lowland gorillas for processing where upon a standardized and consistent set of post-mortem analyses will be performed on the brains.

Dr. Hayley Murphy, Pam Dennis, DVM, PhD, DACZM; Rita McManamon, DVM; and Linda Lowenstine, DVM, PhD, DACVP, AZA Ape TAG

The Great Ape Heart Project (GAHP) is the world's first effort to target cardiovascular disease in all four great ape species. Mortalities, especially in the middle aged sector of the populations has been on the increase. EKG and echocardiogram results are provided to the study as well as husbandry and nutrition data.

Multiple species

Various Arachnids

Amelia Joy Nuwer and Jack Kottwitz, DVM, Auburn University College of Veterinary Medicine

Veterinary literature is severely lacking in publications on the pathology and diseases of arachnids, including, but not limited to spiders, tarantulas, and scorpions. The purpose of this retrospective study is to collate and analyze the data from the pathology reports. The medical records of those animals may be used to create a summary of disease and other pathological conditions and their association with any reoccurring trends in husbandry or diet.











Various Primates

Natalie Laudicina and Jeremy DeSilva, Ph.D., Boston University

In studying birth, neonatal brain size is an important factor to consider, as head size can complicate birth in humans and in small-bodied monkeys. Although there are over 300 species of primates, the database for neonatal brain size is severely limited. This project seeks to produce a more thorough database of neonatal brain size in primates to be made available to all researchers who would find the information useful.

Christy Hoffman, Ph.D., Canisius College

Continuation of an ongoing class project to compare the attention paid to simple and complex visual stimuli across various species.

Caroline Funk, Ph.D., University at Buffalo

The remains of Zoo animals, as well as their naturally shed biomaterials, are to be added to the Zooarchaeology Laboratory Osteological Reference Collection in the Department of Anthropology at the University of Buffalo.

Dr. Stephen Wallace, Eastern Tennessee State University

Whole deceased animals provided for the Osteology Collection of the Neogene Vertebrate Paleontology Laboratory at East Tennessee State University for preservation and study.

AZA Contraception Advisory Group

Dalen Agnew. Ph.D., Michigan State University

Agreement to provide pathology samples for any animals involved in chemical contraception. Sample provision continued in 2014.

Penny Felski, Lynn Hougle, Buffalo Zoo

Penny and Lynn are members of the Institutional Animal Care and Use Committee (IUCUC) at the State University of New York College at Buffalo. The Committee oversees research at the College.



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Conservation Projects Supported in 2014



Anteater, sloth, armadillo specialist group IUCN - El Valle Amphibian Conservation Center (EVACC) -Contributions to support the in situ conservation of Support for in situ and ex situ Panamanian amphibian edentate. (South America)

AZA Eastern Massasaugua Rattlesnake SSP - Support of in situ conservation programs for the endangered eastern Massasaugua rattlesnake. (United States)

AZA Lion SSP - Support for the SSP's Lion Conservation Campaign to raise awareness about in situ conservation efforts. (United States, Africa)

AZA Tiger SSP - Support for the SSP's Tiger Conservation Campaign to raise awareness about in situ conservation International Elephant Foundation - Financial support of efforts. (United States, Africa)

Association of Zoo Horticulturists (AZH) - Contributions distributed by the AZH to support endangered plant conservation. (United States)

conservation, education, and research programs for the programs. (USA, Asia & Africa GLOBAL) Puerto Rican Crested Toad. (Caribbean)

conservation. The Goals of EVACC are to save 12 species of Panamanian endemic frogs for education, display, and the future maintenance of the species. (Panama)

Friends of Laguna Atascosa Refuge – Support for in situ ocelot conservation and education. (South America)

Grizzly & Wolf Discovery Center - Financial support of brown bear conservation and rescue and Yellowstone National Park education efforts. (Western U.S.)

in situ conservation projects. (Asia & Africa)

International Rhino Foundation - Financial support to help conserve rhinos in the wild. (Asia & Africa)

International Rhino Keepers Association - Financial Caribbean Wildlife Alliance - Support of the reintroduction, support provided to support in situ rhino conservation Lion Tamarins of Brazil Fund - Support of the conservation, Turtle Survival Alliance - Contributions for turtle in situ education, and release research projects for lion tamarins. (Brazil)

development, construction, and operation of a 300 acre facility for the management and reproduction of AZA elephants. (USA)

Polar Bears International - Contributions to this non-profit organization dedicated to the worldwide protection of the polar bear. (Canada)

Reticulated Giraffe Project – Financial support for in situ giraffe research, conservation, and education efforts.

Sahara Conservation Fund - Funding provided to aid in the re-introductory program for Addax antelope. (Africa)

Snow Leopard Trust - Financial support of in situ education, community building, and research efforts. (Central Asia)

conservation and education in Asia and South America. (S.E. Asia)

National Elephant Center AZA - Contributions for the World Parrot Trust - Financial support for the Ara Project to conserve Costa Rican parrots. (Costa Rica)

> Vicuña in Bolivia - Financial support for in situ vicuña conservation programs. (Bolivia)

EDUCATION

The Education Department had a Gardens, and Museum of Science for Reinstein Woods and at the Aquarium banner year with a multitude of suc- ten middle school students from the of Niagara. Participants were encourcessful programs from family work- Valley Community Center. Small aged to join family nature clubs and shops to Zoo snoozes, to Cub Club groups gained experience in science, participate in outings designed to and Nature Camps.

2014 to create a link between arts Zoo rainforest animal. and cultural institutions and the Common Core Learning Standards. The Education Department held its first where education staff and volunteers The first "Western New York Uncommon professional development workshop offered information highlighting our Approaches to the Common Core" for afterschool program providers in variety of family and community conference was hosted and present- the City of Buffalo. The workshop group offerings. Patrons participated ed by the Zoo as well as the second exposed providers to our programs by doing a "scavenger hunt" that took annual "Arts Partners for Learning", and our new five-session program them through the Zoo to complete During the latter, Zoo staff held break- called Enrichment Makers. The work- various activities/crafts and answer out sessions about the link between shop was well attended, and after- questions related to our programs. Common Core and animal enrich- school providers began to book proment programs. Both events were very grams with us as a result of the worksuccessful with attendees from schools shop. and cultural institutions across Western New York.

keeper Penny Felski from the herpetol- Zoo to understand our educational ogy team conducted FrogWatch USA philosophy, our program offerings, training for a new group of 17 volun- and our exhibits. Attendance of teers, far larger than the number from approximately 40 educators was far the previous two years combined. The greater than we anticipated for our Buffalo Zoo is a proud chapter of first event. Participants toured the Zoo, FrogWatch USA, which is an AZA citizen participated in hands-on science science program that encourages activities, and discussed our inquiryvolunteers to report the breeding calls based programming. Feedback was of frogs and toads in their local areas, incredibly positive and many partici-

Naturalist program accepted 12 teens between the ages of 15 and 17, who The Buffalo Zoo, in partnership with animal care and animal handling.

A week-long grant funded camp understanding how to encourage experience was held in conjunction their young children to play in nature. with Medaille College, Botanical The workshop was held again at

ing a weeklong project to diagnose a ties. The Zoo hosted a number of events in fictional medical issue related to a

The Education Department held its first Fall Educator's Night Out, which was a The Education Department along with chance for educators to come to the pants encouraged their fellow teach-Our highly competitive Zoo Teen ers to attend in the future.

are serious about expanding their ani-Reinstein Woods Nature Preserve & mal knowledge and exploring a Environmental Education Center, career with animals. They received a received the Disney Nature Play grant three week internship-like experience, which focuses on unstructured nature exploring topics like exhibit design, play for families with young children. Through this grant, a Nature Play workshop was held for families interested in

note-taking and public speaking dur- encourage nature exploration/activi-

The Buffalo Zoo hosted the first "Cabin Fever Reliever" event in January,



DEVELOPMENT, MARKETING, AND SPECIAL EVENTS

Fundraising Campaigns

The Buffalo Zoo was able to complete the \$18 million The Zoo's marketing department increased efforts to "Bear Necessities" campaign thanks to a successful public-private partnership. Foundations, corporations, individuals and our partners in government came together to make sure that our bears remained in Buffalo. Erie County kicked off the campaign at its outset, the City of Buffalo supported the cause and Governor Cuomo and the State of New York made the The Zoo also took the first steps toward launchina a final gift to make sure the fund raising effort reached its

This milestone would never have been reached without the strong support of the area's foundations and corporate entities. Individuals, spurred on by their affection for our polar bear superstar, Luna, supported the campaign with gifts of all sizes.

The final result will be the new Arctic Edge exhibit, currently under construction and slated to open in the fall of 2015.

The Annual Fund is the backbone of the Zoo's fund raising program and supports the daily operation of the institution. Other successful fund raising efforts include the Zoo's Adopt An Animal program, which helps to feed the collection. In addition to annual adoptions, the program is bolstered each year with successful holiday promotions for Valentine's Day, Halloween's Spooky Species Adoptions and the collectible ornament package for the holidays.

Other special efforts during the year include "Buy the Animals Lunch" and our successful Tops Shops for the Animals initiative.

The Zoo is very grateful for all of the generous sponsors who supported us in 2014. Our major sponsors included:

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grow followers on various online media including its Facebook, Twitter, and InstaGram accounts. These tools serve as a great way to disseminate information about the Zoo's animals, events, programs, and fundraising efforts and engage the Zoo's audience.

brand new website by developing a request for proposals that was distributed to web developers and agencies around the country. The finished product will launch in

Special Events

Our Development/Marketing staff did a great job in 2014 working with the ProZoo Board and Women's Board on a number of successful fundraisers. Polar Bites, held every February at the Buffalo Niagara Convention Center, attracted 1000 participants and brought in nearly \$60,000. The Women's Board's Roaring 20s Party at the Lafayette Hotel on April 6th was an unqualified success with nearly everyone there in some type of 20s apparel. The 2nd Annual BuffaLoveFest on May 30th brought the best of Buffalo to the Zoo with a variety of local entertainers, food trucks and vendors. Approximately 1800 people were in attendance and more than \$37,000 was raised. Catillion 2014, the Rhino Rhumba, was also a great success. Our baby rhino arrived just in time! The event netted more than \$100,000 for the Zoo Foundation. Thank you to Ellen and Doug Bean and the entire Catillion committee for their hard work. Wines in the Wild welcomed more than 2,600 people on July 23 and netted approximately \$105,000 for our Adopt An Animal program. Thank you to our Development staff, the ProZoo Board, and the Women's Board who provided the wonderful auction baskets.

Labor Day at the Zoo welcomed a crowd of 12,000 visitors in early September. While this event is not a fundraiser, our Concessions staff was able to take advantage of the crowds with many well priced items resulting in record sales. Many visitors expressed their gratitude for the \$1.00 price that day as they exited the Zoo.

Mayor Byron Brown of the city of Buffalo, recieved the Friend of Wildlife Award at Catillion 2014.

Friends of the Zoo 2014

The Board and Staff of The Zoological Society 2014 ANNUAL FUND of Buffalo, Inc.would like to thank all of the Barbara T. Baker, chair individuals and organizations listed below. All leadership gifts made during the 2014 The Annual Fund supports the operation calendar year are acknowledged here. Every of the Buffalo Zoo. The unrestricted gifts effort has been made to ensure accuracy. If from all segments of the community assist you notice any mistakes or omissions, please in carrying out the mission of conservation, notify the Development Office at the Buffalo recreation and education for the all Zoo Zoo. We are grateful to all of our donors for visitors. In 2014, more than \$300,000 was their continuing support and generosity.

GOVERNMENT SUPPORT

Erie County New York State City of Buffalo

GIFTS AND GRANTS

Association of Zoos and Aquariums Children's Foundation of Erie County Community Foundation for Greater Buffalo **HSBC Bank USA** Mentholatum Zoological Society of Buffalo Foundation, Inc. Dr. & Mrs. Carl M. Miller

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Wegmans

given to support the Zoo. Listed below are the leadership donors who supported the 2014 initiative.

Amur Tiger Advocates (\$1.500 +)

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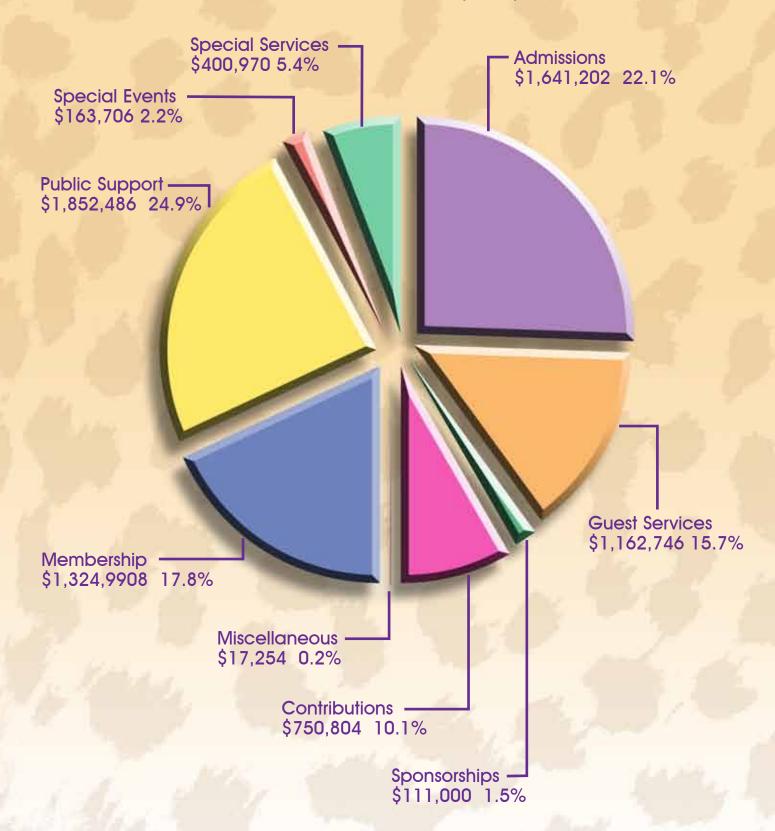
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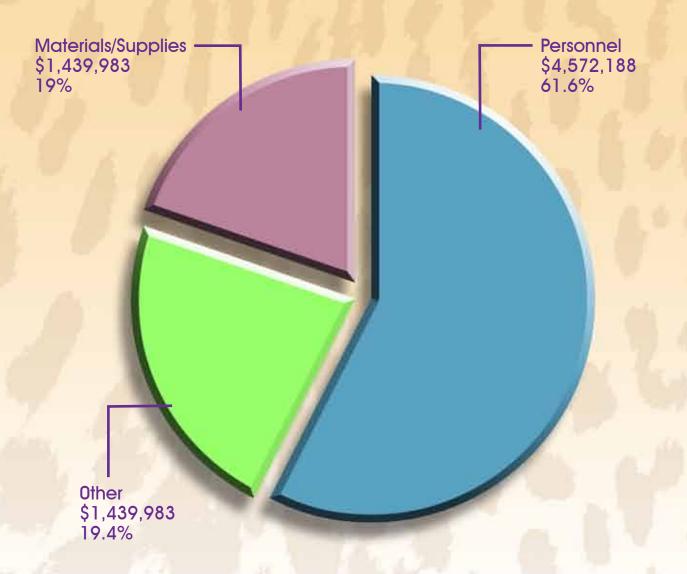
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2014 OPERATING STATEMENT

Revenues Total \$7,425,158



Expenses Total \$7,425,158



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