



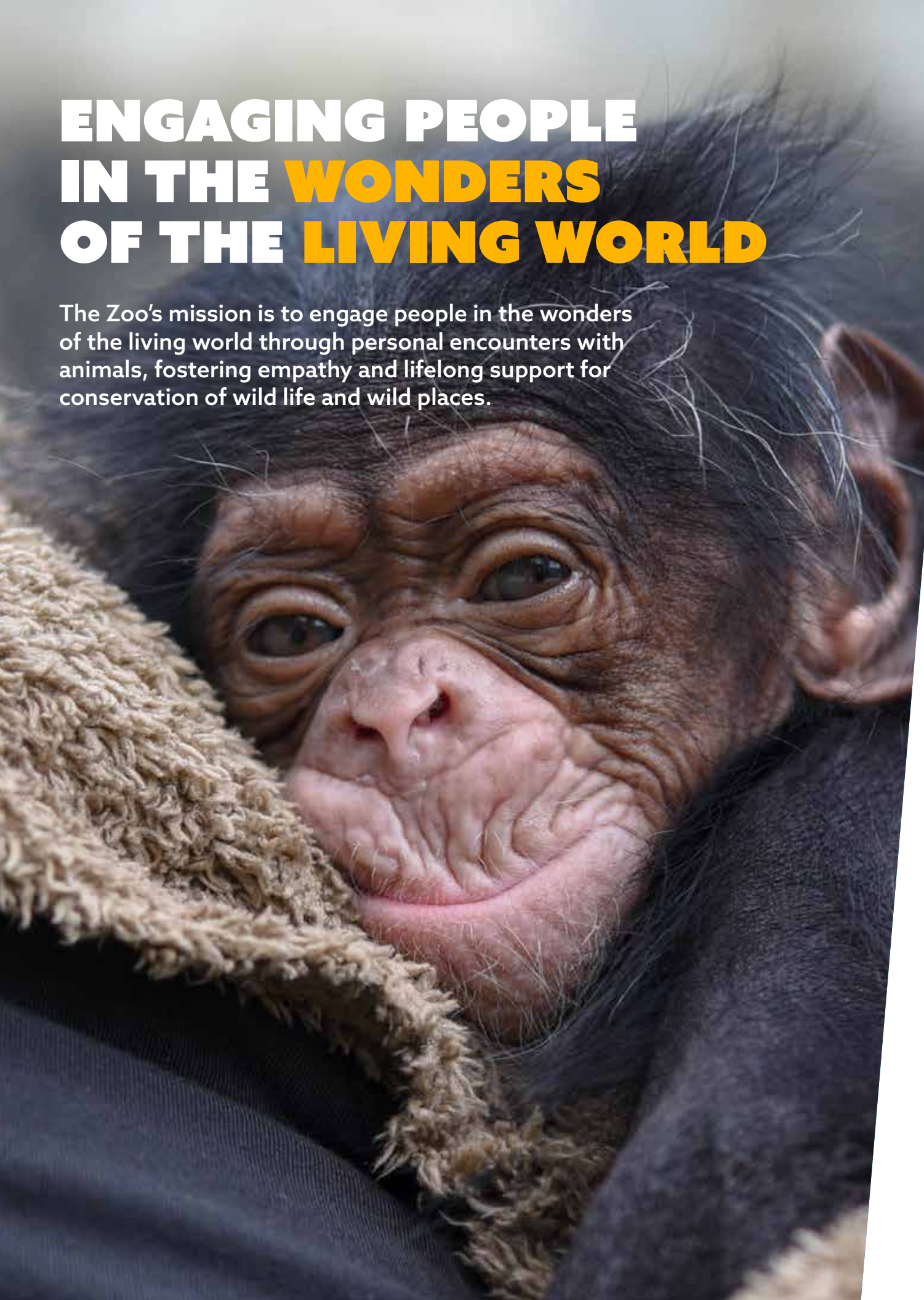
MARYLAND
ZOO

ANNUAL REPORT

Fiscal year 2024

ENGAGING PEOPLE IN THE **WONDERS** OF THE **LIVING WORLD**

The Zoo's mission is to engage people in the wonders of the living world through personal encounters with animals, fostering empathy and lifelong support for conservation of wild life and wild places.



It's all coming together. Since announcing our strategic Master Plan, we've spent the past year quietly doing the work that will take us to the next level.

Major, but necessary, disruptions took place as we completely overhauled our parking lots and restored buildings along Buffalo Yard Road. A new pricing structure has been readied so that members and guests can enjoy unlimited access to the train and carousel with their admission. Our fundraising campaign in support of new capital projects is well on its way to goal. And, we finalized plans for a red panda habitat in the historic Main Valley, our first new habitat/new animal species combination in decades.

To support these efforts, we adopted new sustainability and conservation strategies. Together, they document how our work saving animal species and their wild habitats around the globe begins right here at home. Under the plans' guidance, our Zoo will practice what we preach by better conserving natural and human-made resources and reducing the environmental footprint of all our operations.

But we did more than simply plan. Over the past year, Maryland Zoo was involved in more than 30 conservation, research, and sustainability programs, including field work in support of our five Signature Animal Programs: African penguins, Panamanian golden frogs, native Maryland species, African elephants, and great apes.

One of our biggest accomplishments was the creation of a new seabird rescue facility named NAMCOB that will help restore penguin populations along the coast of Namibia. We are a founding member of the center, and Jess Phillips, our seabird expert and Director of Animal Facilities, serves as a Director.

This past year, we hosted families and friends to celebrate Autism Acceptance Month and to support the Alzheimer's Association, while our Education team provided outreach programs to groups like the Maryland School for the Deaf. In addition, our Animal Department continued its partnership with the organization, "Guiding Eyes for the Blind," to provide training for service dogs. And our new parking lot project provided more ADA-accessible parking spaces.

We increased the number of participants in our Mary Wilson Scholarship, which provides paid internships to Black, Indigenous, and People of Color, and provided free memberships to lower-income members of our adjacent communities. We also installed Zoo Keys – interactive audio devices with interpretative messages in English and Spanish.

These initiatives did not go unnoticed. In addition to communicating directly to thousands of school students, last year our Zoo was featured in more than 700 media stories reaching an audience of more than 1.6 billion people worldwide. Highlights included a National Public Radio feature about our innovative care of aging animals, a *New York Times* feature about vulture evolution, and "School at the Zoo" – a half-hour television special with WJZ 13 that featured lessons on biology, ecology, and animal evolution.

At the request of the White House, we sent a team to Washington to mark the 50th anniversary of the Endangered Species Act ahead of a special proclamation by President Joe Biden. The Act's success at protecting species and the ecosystems upon which they depend underscores the importance of our work here in Maryland and around the world.

Jason M. St. John
*Chair, Maryland Zoological
Society Board of Trustees*

J. Kirby Fowler, Jr.
President & CEO



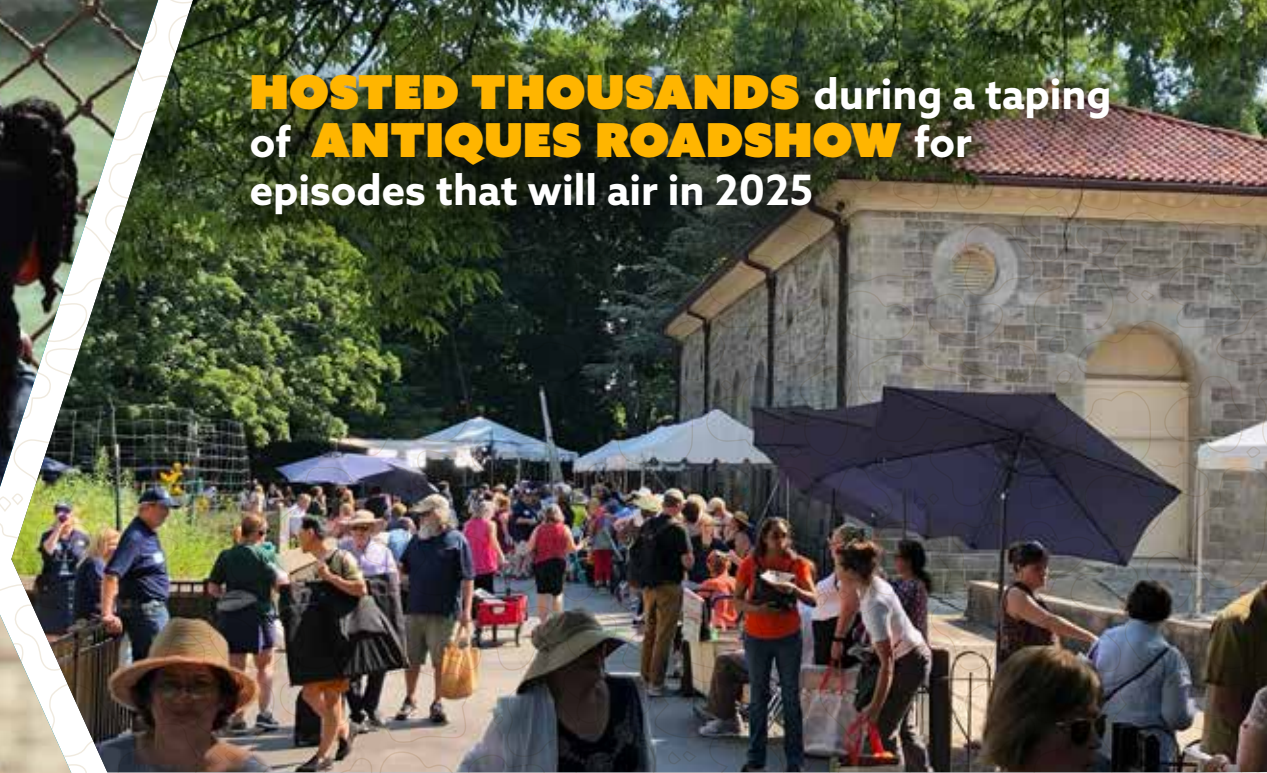
VOLUNTEERS gave **23,771 HOURS** of service



76,000 STUDENTS enjoyed **FIELD TRIPS** (in-person + virtual)



HOSTED THOUSANDS during a taping of **ANTIQUES ROADSHOW** for episodes that will air in 2025



Welcomed **183 SUMMER CAMPERS**



Bird Curator, **JEN KOTTYAN**, was **APPOINTED TO LEAD** the national breeding and population management initiative for African penguins (*Spheniscus demersus*)



Partnered with **JOHNS HOPKINS UNIVERSITY** to create animal **ENRICHMENT PROGRAMS**



Released our first-ever **SUSTAINABILITY PLAN** and **RECYCLED OR REUSED 100%** of the **PRODUCT PACKAGING** at major events like Brew at the Zoo



Led or collaborated on **SIX CONSERVATION RESEARCH PROJECTS**



Zoo veterinarians **ANESTHETIZED 158** animals, **VACCINATED 228** animals, **X-RAYED 107** patients, and examined fecal samples from **849 DIFFERENT ANIMALS**



MASTER PLAN

Progress around every corner

Just one year after the release of our Master Plan there is a lot of progress to report, including new amenities that are improving the visitor experience.

Fundraising and designs are underway for two new animal habitats in Main Valley that will house red pandas and gibbons. Architectural drawings for the red panda exhibit are complete, and construction is expected to begin in Spring 2025.

Outside the main gate, we unveiled a whole new approach to the Zoo with the opening of the completely redesigned parking lot, improved wayfinding, a raised pedestrian crosswalk, bike parking with a repair station, and lots of new landscaping with native species.

Projects throughout our campus include renovations to the boardwalk in Maryland Wilderness, a new fire alarm system, and upgrades to multiple perimeter gates. We're also set to begin improvements to the Picnic Pavilion that will add climate controls and a breastfeeding pod.



A NEW WAY TO ROLL YOUR CREW INTO THE ZOO

After a decade of planning and a year of construction, The Zoo has completely overhauled its parking lot to provide a superior experience for guests, whether they arrive by car, bike, or on foot.

The lot features:

- A state-of-the-art system to filter and store rainwater in underground tanks. By temporarily storing water, the system takes pressure off the Jones Falls during major storms before the stored water is slowly released into the watershed.
- New wayfinding signage that helps educate visitors about the Zoo's many animal conservation programs.
- An elevated crosswalk to improve pedestrian safety between the lot and the Zoo's main entrance.
- Concrete paving materials that reduce ambient temperatures in the summer.
- Downward-facing smart lighting to decrease light pollution and electricity usage by dimming automatically when no one is around.
- New, covered bike parking with equipment to inflate tires and perform minor repairs.
- A large number of newly-planted native trees with permeable paving and special aeration matting to protect existing trees and promote future growth.





ENGAGEMENT

Connecting you to the zoo

Last year, we continued to improve and expand the number of educational experiences on offer, like Zoo Snooze Overnights which engaged more than 400 guests of all ages.

Over 76,000 students participated in Zoo field trips, a number that was up by more than 16,000 over the previous year.

To develop the next generation of zoo professionals, we once again expanded the Mary Wilson Scholarship, a paid 5-week internship that provides Black, Indigenous, or People of Color (BIPOC) college students an opportunity to engage in hands-on learning and research.

At the same time, our Teen Volunteer program gave high school students, ages 14-17, the opportunity to learn about zoos and conservation.

SCHOOL AT THE ZOO

For the second year in a row, we teamed up with WJZ 13 for *School at the Zoo* - a fun, fast, and informative half-hour TV special.

The show pairs Zoo experts with station anchors, reporters, and meteorologists to create unique lessons about biology, ecology, animal conservation, and weather. Actual field trip students take part in the lessons which are held in outdoor "classrooms" throughout the Zoo.

The show aired multiple times, earning top ratings and helping tens of thousands of families experience *School at the Zoo* from home.



NEW TO THE ZOO

Dozens of animals were born, hatched, or acquired over the past year including African penguins, Allegheny woodrats, and Panamanian golden frogs. Here's a partial list:

1



2



3



4



5



6



7



8



9



10



11



1. Northern ground hornbill
2. Panamanian golden frog
3. Chimpanzee
4. Hamerkop
5. Trumpeter swan
6. African penguin
7. Allegheny woodrat
8. Wood turtle
9. Cape Porcupines
10. North American River Otter
11. Millipedes



CONSERVATION

Here at home and far afield

Over the years, our conservation program has expanded and evolved dramatically, so much so that we released a new five-year Conservation Strategic Plan to guide our work on campus across the region and around the globe.

The partnership with Elephants for Africa in Botswana continued tracking wild bulls and working with local communities to reduce human/elephant conflict. Field work on Panamanian golden frogs, Bolivian river dolphins, and African penguins involved staff travel to some pretty far-flung places, including our conservation partners at El Valle in Panama and SANCCOB in South Africa.

We are founding members of NAMCOB, a seabird rescue center on the coast of Namibia focused on restoring the penguin population there. To get the center off the ground, one of our bird specialists spent several months on the ground as the acting director while an international search for a permanent one continued.

From our home base in Baltimore, Zoo teams traveled across the state helping native animal populations through headstarting and health assessments. Species involved included Black bears, North American songbirds, Allegheny woodrats, and lots of turtle species – Wood, Bog, Eastern Box, and Northern Map.

ALLEGHENY WOODRATS

Small and mouse-like in appearance, Allegheny woodrats live only in the Appalachian mountains where their population decline has led them to become a conservation concern throughout the range.

We teamed up with the Pennsylvania Game Commission and the University of Pennsylvania School of Veterinary Medicine's Wildlife Futures Program to start a Woodrat Captive Breeding Program to increase the number of rats in the wild, where they're an important part of the food chain.



SUSTAINABILITY

Practicing what we preach

We have a plan for that.

Composting manure? Reducing water, paper, and energy usage?
Cell phone recycling?

Yup, with the release of our Sustainability Plan in December of 2023, there's now a detailed strategy that addresses all these things and more.

“Our work saving animal species and their wild habitats around the globe begins right here at home,” said Zoo President & CEO, Kirby Fowler. “Maryland Zoo will practice what we preach by better conserving natural and human-made resources and reducing the environmental footprint of all our operations.”

“I can't explain it more simply than this,” he said. “Maryland Zoo will be zero waste by 2030.”

Over the past year we substantially increased recycling at major events, like Brew at the Zoo and OktoBEARfest. Event-goers now receive stainless steel souvenir tasting cups that completely eliminate the use of single-use plastic cups, and 100% of the beer and seltzer product packaging is reused, recycled, or composted. Visitors who donate an old cell phone or small electronic device, or make a \$20 donation to the Zoo, are able to skip the entry line.

Perhaps most impactfully, our new parking lot includes a state-of-the-art system to filter and store rainwater in massive underground tanks. This takes pressure off the Jones Falls watershed during major storms to eliminate flooding.

Our renovated parking lots include smart lighting that saves energy and reduces light pollution. The paving surface reduces ambient temperatures in the summer by as much as 10-15 degrees compared to asphalt. And, we've added a large number of newly-planted native trees along with special aeration matting to protect existing trees.



AN UNDERGROUND CATHEDRAL

Just below our new ADA parking lot is a cathedral of water conservation. The first of its kind in Maryland, this system collects rainwater runoff, filters it, and stores it in a massive cistern that holds 18,000 cubic feet, or approximately 135,000 gallons.

Once the weather is better, we can slowly drain the stored water which will eventually reach the Inner Harbor and, ultimately, the Chesapeake Bay.

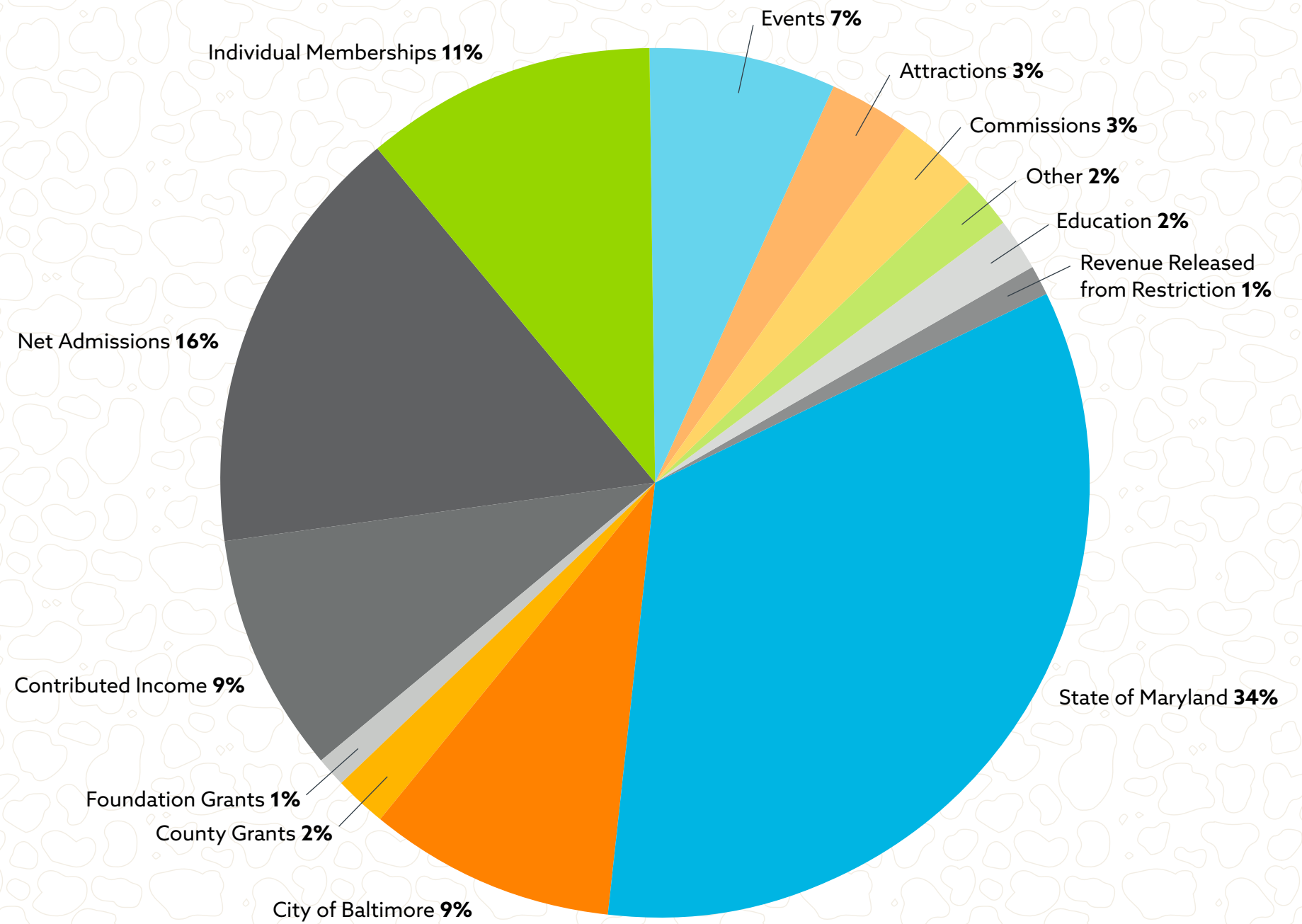


FINANCIALS

SUPPORT AND REVENUE

State of Maryland	\$6,490,367
City of Baltimore	678,352
County Grants	455,641
Foundation Grants	234,439
Contributed Income	1,710,815
Net Admissions	3,157,702
Individual Memberships	2,037,984
Events	1,358,180
Attractions	622,383
Commissions	504,252
Education	374,680
Other	<u>348,682</u>
Operating Revenues	\$17,972,993
Other:	
Revenue released from restriction	219,172
In-Kind (Primarily from City)	<u>1,109,961</u>
Operating Revenues + Other	\$19,302,126
Net Capital Support	\$11,480,364

Total Revenue: \$19,302,126

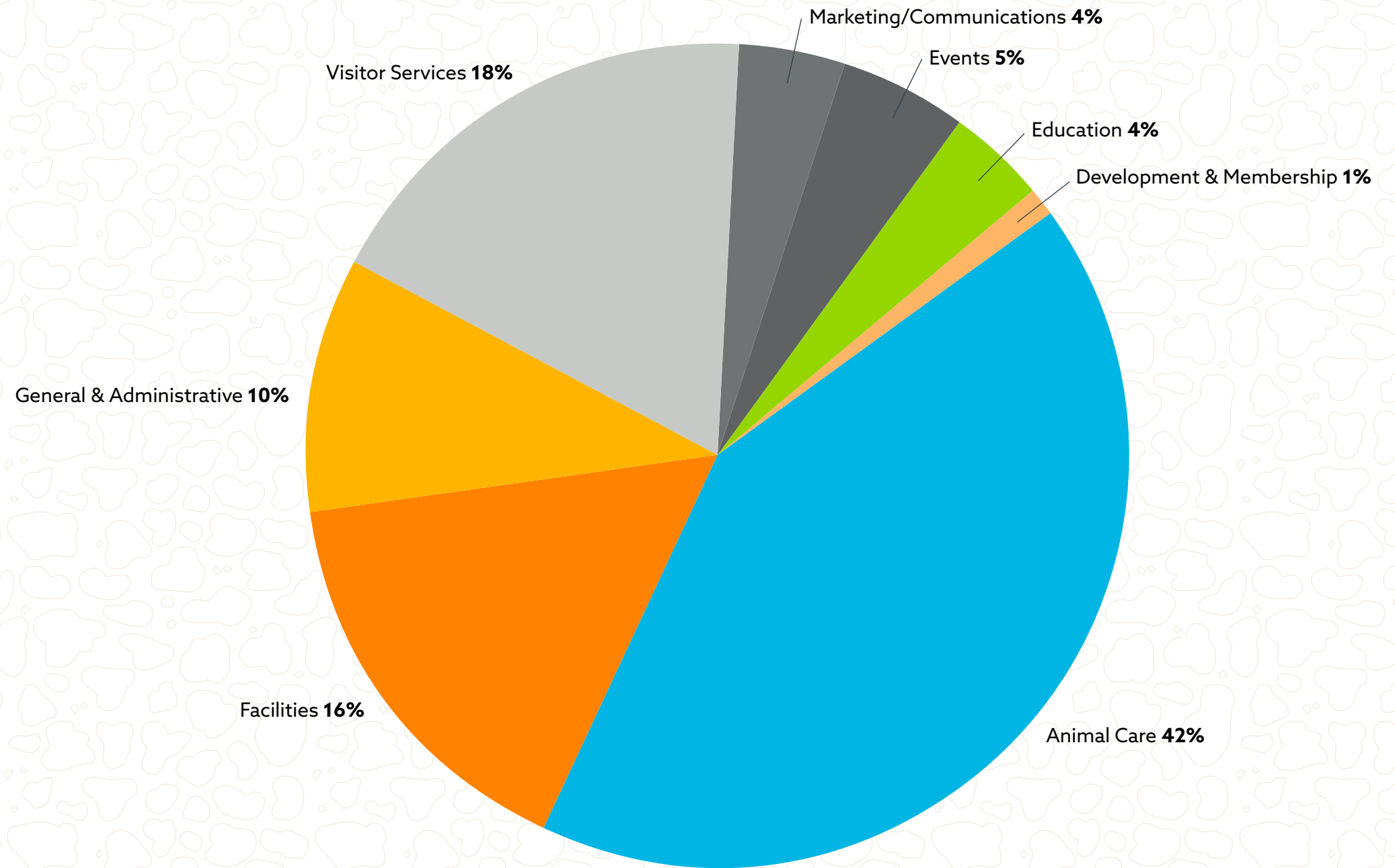


FINANCIALS

EXPENSES

Animal Care	\$7,657,266
Facilities & Occupancy	2,875,764
General & Administrative	1,901,670
Visitor Services	3,364,421
Marketing/Communications	795,062
Events	877,510
Education	691,679
Development	209,356
Membership	<u>67,288</u>
Operating Expenses Before Depreciation	\$18,440,018
Note: Depreciation	\$3,658,421

Total Expenses: \$18,440,018



RESEARCH & PUBLICATIONS

RESEARCH

The Zoo participated in several dozen ongoing research studies. Outcomes of these studies can have far-reaching consequences for the improved welfare and protection of Zoo animals, their wild counterparts, ecosystems around the globe, and humanity. Study participation must first be approved by the Zoo's Research Committee, which is comprised of Zoo staff and outside researchers. The committee reviews internal and external proposals to insure that projects are safe, will not negatively impact the animals, can be performed in a timely manner, and have scientific merit. This year's projects include:

SELECT RESEARCH PROJECTS: IN-HOUSE LED

Tick surveillance in and around the chimpanzee exhibit to assess risk of Lyme's disease; Ellen Bronson and Katharine Mantzouris with collaborators at Vectech, Baltimore, MD:

Borreliosis (Lyme's disease) and other invertebrate-vector pathogens are common disease-causing pathogens affecting humans, but are rarely reported, if at all, in non-human primates. A previous case report authored by Maryland Zoo staff was the first to report borreliosis in a non-human primate, when it occurred in a chimpanzee from the Maryland Zoo. Recently, three other chimpanzees in the troop had clinical signs and treatment response consistent with this disease. This study is investigating the seasonal presence of ticks in and around the outdoor enclosure of the chimpanzees as a possible vector for this disease and to assess the need for mitigation.

Movement and nest site selection of free-range eastern box turtles found at the Maryland Zoo in Baltimore; Katharine Mantzouris

Data on the abundance of wild Eastern box turtles, nesting sites, and general movement of turtles around the Maryland Zoo to complete annual life cycles is incomplete. This baseline data is crucial to further understand and protect this species. Through structured field surveys and tracking via radio-transmitters this project aims to compare female turtles in developed areas of the Zoo such as near exhibits or walkways, with turtles in the undeveloped areas of the Zoo consisting of forest ecosystem.

Characterization of the Immune Response in African Penguins to Plasmodium species; Ellen Bronson

This project aims to study how African penguins develop an infection and then immunity to the avian malaria parasite that they are uniquely susceptible to. By examining young penguins throughout the mosquito season that are both on prophylactic antimalarial treatment and those that are not, we will identify when they first become infected via blood smear and PCR, as well as when they develop antibodies to the parasite, and how their immune system reacts to the infection. This project ran from 2020 through 2023 and samples are currently being analyzed by several research partners.

SELECT SUPPORTED RESEARCH PROJECTS WITH COLLABORATORS

Conservation Exhibit Interviews; Arizona State University

This project entailed interviews with two staff identified as "experts" through interviews with other AZA staff. Pamela Carter, Chimp Forest Area Manager, and Sharon Bowen, Director of Interpretation and Evaluation, were identified through their active roles in the Chimpanzee Species Survival Plan. These experts were interviewed about their opinions and experiences with great ape exhibits and conservation exhibits generally within zoos in the United States. This project recently resulted in a peer-reviewed publication.

Ranavirus surveillance in Eastern box turtles at the Maryland Zoo; University of Illinois in collaboration with Ellen Bronson, Katharine Mantzouris, and Kevin Barrett

Frog virus 3 ranavirus (FV3) has caused multiple morbidity and mortality events in Eastern box turtles including at the Maryland Zoo. The remaining MZiB turtles in the Zoo's collection are some of the only surviving individuals with known

history in the world and are therefore a valuable resource for understanding this virus and its effects over time. This project aims to review medical records of surviving turtles (after the 2011 outbreak) and test previously-untested swabs and blood for FV3. This information will then be used to determine how different demographic, animal management, or environmental factors influence disease occurrence and pathogen shedding. This information will then benefit all turtles with ranavirus, but specifically aid in the management of box turtles at MZiB.

Application of the capillary zone electrophoresis method in the African penguin: Validation, reference interval generation, and evaluation of protein fraction changes with inflammatory and noninflammatory diseases; University of Miami in collaboration with Jenny Brubaker and Ellen Bronson

Protein electrophoresis has been implemented in clinical and research investigations in mammalian and non-mammalian species for more than 30 years. Traditionally performed using commercial systems optimized for use with human samples, agarose gel techniques (AGE) have been most widely used to date especially in non-mammalian species. Among other findings in avian species, the A/G ratio, alpha2 and beta globulins have been demonstrated to have key prognostic value in penguins with aspergillosis. In recent years, a new method called capillary zone electrophoresis (CZE) has been developed which offers better resolution and accuracy in the quantitation of protein fractions. This test may offer new insights and improvement in the diagnosis of this important disease in penguins.

SCIENTIFIC PRESENTATIONS AND LECTURES

Comparison of two Dry Powder Diets versus a Complete Gel Diet over Time in House Cricket Nymphs (*Acheta domesticus*). **Kaitlyn Spence**. Nutrition Advisor Group Conference. September 2023.

Proposed Case Definition of Aspergillosis in African Penguins (*Spheniscus demersus*) in North America Under Human Care. **Megan Gremling** (MZiB Summer Research Intern 2023). American Association of Zoo Veterinarians Annual Conference. Sept 2023.

Amphibian Anesthesia. **Devon Youngclaus**. Association of Zoo Veterinary Technicians Annual Conference. October 2023.

Animal Transport for Animal Care Professionals. **Ian Shelley**. Zoo Registrar's Association Conference. October 2023.

Direct Data Entry for Zoo Personnel. **Ian Shelley**. Zoo Registrar's Association Conference. October 2023.

Recordkeeping for Waterfowl. **Ian Shelley**. International Wild Waterfowl Association, Waterfowl Conservation Workshop. October 2023.

Penguin Diseases. **John Flanders**. Guest lecture. Ross University Student Chapter of the WAVMA. October 2023.

The Role of Zoos in Herpetile Conservation. **Ellen Bronson**. Biology guest lecture. Towson University. February 2024.

The Eggyclopedia Initiative. **Ian Shelley**. Anseriformes Taxon Advisory Group Meeting at Association of Zoos and Aquariums Mid-year Meeting. March 2024.

Diagnosis, Treatment, and Management of Elephant Endotheliotropic Herpesvirus 6 (EEHV6) in a 15 year old Male African Elephant (*Loxodonta africana*). **John Flanders and Rebecca Stennett**. Global Elephant Endotheliotropic Herpes Virus (EEHV) Symposium. March 2024.

Aquatic Animal Health and Medicine Course, Common Aquatic Parasites. **Andrea Ablasca**. Lecture for Ohio State University College of Veterinary Medicine. March 2024.

Becoming a Veterinarian. **Andrea Ablasca**. Presentation and Panel Member. Virginia-Maryland College of Veterinary Medicine and Maryland Veterinary Medical Association. April 2024.

Managing Zoo Animal Collections. **Ellen Bronson**. Guest lecture for Health Management of Animal Populations. University of Maryland, College Park. April 2024.

Bog Turtle Genetics across Northern Maryland. **Danielle Regan**. Chelonian Taxon Advisory Group Meeting. April 2023.

Egyptian Tortoise SSP History. **Danielle Regan**. Chelonian Taxon Advisory Group Meeting. April 2023.

Gastrointestinal Disease of Zoo Animals. **Ellen Bronson**. Physiology guest lecture. Midwestern University, Arizona. May 2024.

Kevin Barrett. Animal Transport for Animal Care Professionals. May 2024.

Animal Transport Logistics - Planning a Successful Transport and Small Animal Transports. **Ian Shelley**. Animal Transport for Animal Care Professionals. May 2024.

The Veterinarian's Role in Animal Shipments. **Ellen Bronson**. Animal Transport for Animal Care Professionals. May 2024.

PUBLICATIONS

Aplasca AC, Martinez MP, Evans SJM, Martinez ME, Cianciolo RE, Bundschuh M, Puchulu-Campanella E, Chen X, Yan P, Bundschuh R, Seeley KE, Bapodra-Villaverde P, Garner MM, Junge RE. An outbreak of feline infectious peritonitis in three related sand cats (*Felis margarita*) in human care. *Journal of Zoo and Wildlife Medicine*. 2023;54(3):628-639.

Beatty A, Gemensky-Metzler A, Newbold G, **Aplasca AC**, Seeley KE. Management and long-term ophthalmic sequelae of monogenean ocular infestation in cownose rays (*Rhinoptera bonasus*). *Frontiers in Veterinary Science*. 2024 Jun;11:1401141.

Coyne SP, **Barrett K**, Shultz J, Flanders JA, **Bronson E**. Case definition and treatment trial of tetany syndrome in Panamanian golden frogs (*Atelopus zeteki*). *Journal of Zoo and Wildlife Medicine*. 2024;55(2):447-452.

Flanders Jr JA, Gehring R, Delaski K, Wulf L, Coetzee J, Gamble KC. Pharmacokinetics of oral flunixin meglumine, meloxicam, or gabapentin in three black rhinoceros (*Diceros bicornis*). *Journal of Zoo and Wildlife Medicine*. 54(2):336-344.

Lisankis AP, Weigt AK, **Barrett K**, **Youngclaus D**, **Brandenburger P**, **Bronson E**. Prevalence of ocular abnormalities and normal diagnostic parameters in two groups of Panamanian golden frogs (*Atelopus zeteki*). *J Zoo Wildl Med*. 2024;55(2): 322-329.

Patson CN, Elsmo EJ, Trepanier L, Garner MM, Murray MJ, **Bronson E**, Clarke LL, Cox SK, Ossiboff RJ, Iredale ME, Miller BM, Waxman L, Littman E, Thurber MI. Fatal acute hemolysis following triazole therapy in African penguins (*Spheniscus demersus*). *J Zoo Wildl Med*. 2024;55(2):479-489.

Zigler A, Straw S, Tokuda I, **Bronson E**, Riede T. Critical calls: Circadian and seasonal periodicity in vocal activity in a breeding colony of Panamanian golden frogs (*Atelopus zeteki*). *PLOS One*. 2023;18(8):e0286582.



GOVERNMENT SUPPORT

Between July 1, 2023 and June 30, 2024

The Maryland Zoo continued to receive invaluable support from the State of Maryland, the City of Baltimore, Baltimore County, and Howard County. Together, these governments provided critical funding of the Zoo's operating budget. The State of Maryland also remained the most significant funder of important capital improvements. We remain deeply grateful for government leaders' recognition and appreciation of the Zoo as a high-quality institution serving the community. Private foundations also provided funding that was essential to our success during the last year.



THE CITIZENS OF
BALTIMORE COUNTY



Howard County Arts Council through a grant from Howard County Government

ZOO VOLUNTEERS

The Zoo benefits tremendously from the time and talents of its many volunteers. This dedicated corps provides hours of valuable service that enhance Zoo operations at every level and add positively to the guest experience.

500+ Hours

Falke, Arlene
Lidston, Bob
Martin, Larry

400+ Hours

McAveety, Whitney

300+ Hours

Bishop, Beth
Blair, Suzanne
Guralnick, Judi
Martin, Hilde
Moore, Michael
Phillips, Nancy
Shaffer, John
Sullivan, Peggy

200+Hours

Burkom, Diane
Griffin, Jeffrey
Harris, Betty
Hayes, Bernard
Hayes, Linda

Ito, Mio

Kruft, Lynn
Levickas, Tom
Miller, Ted
Moore, Susan
Norenberg, Mango
Reek, Maryellen
Reeves, Lyn
Rogers, April
Sheehe, Jack
Shevitz, Edward
Thomas, Kathy
Wallace, David

100+ Hours

Alexander, John
Botterbusch, Mary
Bowen, Elaine
Bowie, Cindy
Brown, Michael
Browning, Susan
Brunk Kosmicky, Linda

Burek, Lynne

Burgunder, Martin
Castro, Judith
Campbell, James
Coleman, Jeffrey
Copsey, Brandy
Craig, Jacqueline
DeFrank, John
DeStefano, Colleen
Dennis, Carol
Dhruv, Soren
Dworkin, Karen
Escobedo, Joseph
Eybs, John

Fisher, Deb

Fitzpatrick, Sean
Forlifer, Linda
Frankos, Poulheria
Garner, Samuel
Grady, Susan
Goldman, Herbert
Havey, Jeffrey

Hogue, Kathryn

Holly, Matthew
Jacob, Kate
Jannone, Shannon
Katz, Alan
Katz, Laura
Keen, Mary
Kiefert, Helen
Kipnis, Whitney
Kramer, Crystal
Kuhl, Eileen
Landers, Susan
Lang-Ailinger, Tori
Lazar, Barbara
MacCord, Carolyn
Marlor, Kimberley
McIvor, Linda
Medell, Jalin
Monroe, Kathleen
Murphy, Frances
Murphy, Reina
Nasuta, Tom

Ogurick, Arlene
Paffenbarger, Jessica
Penn, Beth
Ruschell, Ellon
Scardina, Julianna
Schull, Jo
Smith, Patricia
Stiefel, Robert
Stow, Sharon
Thewes, Donna
Thewes, Michael
Walsh, Ruby
Webb, Laura
Welsh, Ginnie
Wentz, Susan
Wrightson, Linda

50+ Hours

Althouse, Michelle
Balch, Dacia
Baldwin, Alexander
Becker, Kathleen D
Bradley, Larry
Bralley, Katherine
Brian, Sydney
Brunelle, Mina
Burbery, Claire
Burke, Valerie
Cameron, John
Caplan, Cora
Carpenter, Kendall
Claiborne-Lewis, Sofia
Dimasio, Julia
Dolan, Keith
Dominguez, Antonio
Elis, Lila
Emory, Saniyah
Evans, Lillian
Gibson, Nashyra
Hawk, Sammie
Hepner, Elizabeth
Herren, Joshua
Hoyer, Jay
Irving-Zubkus, Alexis

Johnson, Mia
Keller, Teagan
King, Harper
Kittell, Charlotte
Klarner, Naomi
Lazo-Prado, Marali
Levero, Isabella
Lichtman, Glenn
Little, Jeremiah
Mahan, Gail
Matthews, Natalie
McDorman, Mandie
Medeiros, John
Meier, Nancy
Milam, Paicence
Musters, Isabel
Penczek, Bruce
Pilert, Barbara
Ransi, Sonse
Reynold, Paul
Rixey, Sallie
Service, Sara
Shute, Maya
Sloand, Beth
Sloat, Kalina
Sundvall, Emmaline
Thiessen, Mika
Tippett, Reanne
Waldfogel, Julie

Up to 49 Hours

Abramson, Annette
Ainslie, Gabriella
Andhavarapu, Nik
Arthungal, Andrew
Ash, Randy
Awuah, Ivana
Bateman, Casey
Brennan, Max
Brodey, Shae
Chambers, Audrey
Cheatham, Ella
Clair, Scout
D'Ambrogio, Jane

DeBold, Bonnie
Dingle, Ruth
Flores, Santino
Fingado, Gabriella
Galuardi, Gerald
Gerber, Maxwell
Givens, Robbie
Grabowski, Cooper
Greene, Zoey
Havelin, Nickolas
Herr, Chaela
Hodge, Saige
Hutchinson, Pat
Johnson, Ashlyn
Jones, Cameron
Kerns, Mary
Kiessling, Madison
Lambdin, Jeanne
Madairy, Galit
Menkhaus, Chloe
Miller Smith, Nora
Moore-Nicks, Krystal
Navarro, Jessica
Nelson, Chandler
Nichols, Jessica

Niquette, William
Nosmot, Jincdu
Quartey, Sean
Ray, Austin
Reif, Michael
Rich, Jessica
Russell, Natalie
Shi, Julia
Siegert, James
Sober, Rhona
Southall, Rae'den
Stork, Judah
Sturm, Hiedi
Sulonen, Ezekiel
Surhoff, Mason
Swimmer, Sarah
Tangrea, Isabella
Tannenbaum, Alex
Tark, Hannah
Vazquez, Josiah
Walker, Elijah
West, Peter
Winthrop, Warrith
Wiskman, Carrie





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The Maryland Zoo in Baltimore is a non-profit organization accredited by the Association of Zoos and Aquariums.



The Maryland Zoo in Baltimore
1876 Mansion House Drive
Druid Hill Park
Baltimore, MD 21217-4474

HOURS OF OPERATION

Administrative offices are open Monday through Friday, 8:30 a.m. to 4:30 p.m. The Zoo is open to the public from 10 a.m. to 4 p.m., daily during the months of March through December, and Friday through Monday during the months of January and February. The Zoo is closed Thanksgiving Day and Christmas Day.

When planning your next visit, please check the Zoo's website - www.MarylandZoo.org - for timely updates on events, programs, exhibits, and improvements. Follow the tabs on the website to reach any Zoo department, including Group Sales, Membership, and Learning & Community Engagement.

