When reflecting on 2022, we remember it as a year of opportunities. While last year was the closest resemblance to our lives pre-pandemic, innovation was on our minds. We are always looking for new ways we can best care for and conserve animals, grow and strengthen our operations, and better connect with our Zoo community.

Throughout this report, you’ll read some of our top accomplishments from 2022 and see how we are working to create the brightest future possible.

We’d like to take this opportunity to thank the many members, donors, partners, team members and volunteers listed in these pages. Without your support and hard work, we couldn’t do a fraction of all the life-changing work we do in St. Louis and around the world. Thank you for making the Zoo a better place, and thank you for believing in a world of Animals Always.

Dwight Scott
President & CEO
Saint Louis Zoo

Cynthia J. Brinkley
St. Louis Zoological Park Subdistrict Commission Chair
While most people think of our campus in Forest Park as the central hub of activity, plenty is happening and developing at the SAINT LOUIS ZOO WILDCARE PARK in north St. Louis County, slated to open to the public in 2027, and the SAINT LOUIS ZOO SEARS LEHMANN, JR. WILDLIFE RESERVE in Franklin County. We’re laying the groundwork for a new generation of animal care and conservation.

For a fee, guests can enjoy a one-of-a-kind experience by going 11 stories up in the air to take in 360-degree views of WildCare Park, the cityscape and the Missouri-Mississippi River Confluence.

In the summer of 2022, we supplied several WildCare Park updates to the St. Louis community, including that animals will begin arriving in late 2023 for a pilot pasture. Plans are in place for several species to live at WildCare Park, including giraffe, Grevy’s zebra, addax, banteng, white rhino and ostrich. We also announced several guest experiences, brand new to the St. Louis region: safari experiences surrounded by herds of animals, a ride up an 11-story observation tower and giraffe feedings, to name a few. In addition, we hired our first WildCare Park keepers in 2022.

The development of WildCare Park is estimated to cost $230 million with funding coming from a variety of sources, including philanthropy, external financing proceeds in addition to existing and future Zoo and Saint Louis Zoo Association cash reserves.
In 1993, the property was donated to the Zoo by Peggy Lehmann in honor of her late husband, Sears Lehmann, Jr. Since accepting the land, the Zoo primarily preserved it as a natural site for native wildlife; however, in 2021, we announced plans to develop 20 acres of the property to help American red wolf conservation efforts.

American red wolves, a species native to North America, are staring down extinction, with only about 20 remaining in the wild.

In 2022, we welcomed nine American red wolves to the property through collaboration with the U.S. Fish and Wildlife Service (USFWS) and the Association of Zoos and Aquariums’ (AZA) Red Wolf Saving Animals From Extinction (ROSAFE) program. The Saint Louis Zoo WildCare Park keepers who care for the animals are as quiet around the wolves as possible. The Wildlife Reserve isn’t open to the public. The privacy and quiet is for ‘the wolves’ benefit; we hope they can someday be released into the wild, and quiet is for the wolves’ benefit; we hope they can someday be released into the wild.

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In addition to the partnership with the USFWS and AZA, this conservation effort is possible thanks to the Endangered Wolf Center and several generous donors.

The Wildlife Reserve isn’t open to the public. The privacy and quiet is for ‘the wolves’ benefit; we hope they can someday be released into the wild, and quiet is for the wolves’ benefit; we hope they can someday be released into the wild.

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In addition to a partnership with the Endangered Wolf Center, this conservation effort is championed by several generous donors.
Any and Irina are active and curious cubs, often instigating chase and play behavior. As they became familiar with their habitat in Big Cat Country, they rapidly learned how to climb and follow mom Dot to all points of their outdoor home.

**Critically Endangered**

The Amur leopard is considered to be facing an extremely high risk of extinction in the wild.

**Born April 21**

Any and Irina represent the fifth litter of Amur leopards born at the Zoo.

**Adapted Amur Leopards Can Weigh Up To 125 Pounds.**

The female cubs were named Anya & Irina, which mean Grace & Peace in Russian (reflecting their natural range in Eastern Russia).

“Without the conservation effort of zoos, this species could go extinct.”

— Steve Birch

Kevin Beckmann

Curator of Carnivores
### SAINT LOUIS ZOO ASSOCIATION GIFTS:
#### MONUMENTAL STRIDES MADE POSSIBLE
#### BY MAGNIFICENT GENEROSITY

#### Leadership Gifts
- $1,000,000 and Above
  - Kevin Beckmann Foundation
  - The Dana Brown Charitable Trust
  - U.S. Bank Trustee
  - The David B. Lichtenstein Foundation
- $500,000 and Above
  - Edward K. Love
  - Richard & Katherine Lintz
- $100,000 and Above
  - The Donald Slavik Estate
  - Ann M. Parke
  - The William R. Orthwein, Jr. Foundation
  - The Anita & John O'Connell Family
  - Karen & John Meara
  - James S. McDonnell Family

#### Major Gifts
- $249,999 – $100,000
  - Anonymous
  - Dr. & Mrs. Arthur J. Auer
  - The Boeing Company
  - Estate of Darlene Damon
  - Dr. Virginia M. Hermann
- $499,999 – $250,000
  - Jordan
  - The Guth Foundation
  - Anonymous
- $999,999 – $500,000
  - Anonymous
  - Estate of Lee R. & Cynthia J. Brinkley
  - The Simmons Foundation
- $1,999,999 – $1,000,000
  - Anonymous
  - Estate of John Blecha
  - Ms. Betty Beckmann
- $2,000,000 and Above
  - Leadership Gifts
  - Estate of John M. Palumbo
  - John & Penelope Biggs
  - John and Carolyn Peterson
  - Robert & Jeanette Meyer

#### Special Gifts
- $24,999 – $10,000
  - Anonymous
  - A – In Honor of Kim Johnson
- $9,999 – $5,000
  - Anonymous
  - Estate of Frank J. & Stone Hill Winery
- $4,999 – $2,500
  - Anonymous
  - Estate of Lawrence & Drs. Dan & Susan Luedke

### A Somali wild ass pregnancy lasts for about one year, and typically, a female gives birth to a single foal. Though the female is capable of having a new baby every year, it is more likely that she will breed once every two years. A first new foal in three years. **Astrid!**

**WELCOME, ASTRID!**

**ASTRID WAS BORN ON APRIL 8, 2022.**
A FEMALE FRANCOIS LANGUR

PUMPKIN-HAIDED BABY

Francois’ langurs are born with orange hair. The baby’s stand-out color helps the adults keep track of the newborn. As they grow, their hair turns black.

RHUBARB

WAS BORN SEPT. 30, 2022.

Rhubarb is the first Francois langur ever born at the Zoo. Her birth is important for this endangered species.

LEROY!

HELLO, LEROY!

Leroy is the first Nile lechwe to be in the Zoo’s care. He’s 6 YEARS OLD and calls Red Rocks home.

Nile lechwes are endangered and live in the Nile River Valley, an area that surrounds the Nile River. They are aquatic antelopes, strong swimmers and adept at maneuvering in swampy, muddy habitats.

SAINT LOUIS ZOO 2022 ANNUAL REPORT
INVESTING IN TOMORROW WITH ENDOWED GENEROSITY

Saint Louis Zoo Endowed Positions
Kevin Beckmann Curator of Carnivores (2020)
William Berneudey Vice President Architecture & Planning (2014)
Dana Brown President & CEO (2008)
Fred Saigh Curator of the Children’s Zoo (2007)
Fred Saigh Director of Education (2013)

Saint Louis Zoo Endowed Funds
Kevin Beckmann Fund for Employee Appreciation (2022)
Bellwether Foundation Education Fund (2011)
William J. Boever, DVM Fund for Veterinary Nutritionist (2009)
Jeffrey P. Bonner, Ph.D., Conservation Fund (2021)

Ann Luedinghaus Case Fund for Employee & Volunteer Recognition (2009)
Marion Clark and Bob Fox WildCare Institute Fund (2013)
Leila and David Far Horticulture and Landscaping Fund (2013)
George F. Farrel Wildlife Conservation Fund (2021)
Anita Fiala Veterinary Hospital Fund (2004)
Claire M. Fitzgerald Teen Leadership Fund (2012)
Walter and Nancy Galvin Education Scholarship Fund (2009)
Guarney Education Scholarship Fund (2021)
Carol Schuster Gronau Education Resource Fund (2011)
Guernino Family Zoo Education Resource Fund (2011)
Jane Freund Harris Fund (In Loving Memory of Dr. Whitby R. Harris) (2010)
Hermann Foundation Outstanding Employee Award Fund (1999)
Charles and Marlyn Hoviside Education Fund (2013)
Jeffrey Huntington Family Fund (2009)
Barbara W. Hutton Animal Enrichment Fund (2009)
Konnekar Veterinary and Conservation Sciences Fund (2011)
KSM Research Fund (2021)
Kwame Foundation Education Fund (2011)
E. Desmond Lee Family Education Programs Fund (1994)
Mary Ann Lee Facilities Fund (2017)
Mary L. Lehmans Volunteer Operations Fund (2011)
Joseph O. Louis Fund (2021)
Clifford and Armarie Murphy Fund (2007)
Orthwein Medicinal Plant Garden Fund (2009)
Piper and Gl Steesoon Family Historic Preservation Fund (2013)
The Roland Quest and Betty-Mae Stienhans Endowment Fund (2013)
Reitz Family Fund (2015)
Steven Rosenblum Family Fund (2009)
Mary Anne and Anthony F. Sansone, Sr. Family Career Development Fund (2012)
Virginia H. Sassmanshausen Children’s Zoo Fund (2011)
Schlaffy Fund for Undererved Students (1987)

Penelope Biggs Remembered at the Saint Louis Zoo

Penelope Biggs was a beloved elephant at the Saint Louis Zoo, and her passing has left a profound impact on the zoo and its community. Penelope, a 65-year-old elephant, passed away on November 3, 2022, in her 85th year. The zoo is honoring her memory with the dedication of “Penelope’s Place” at River Camp Terrace, near the entrance to River’s Edge. Penelope’s Place celebrates the dedication of “Penelope’s Place” at River Camp Terrace, near the entrance to River’s Edge.

In 2022, Congress approved the BIG CAT PUBLIC SAFETY ACT

Our Zoo joined the Association of Zoos and Aquariums (AZA) in advocating for this bill. The legislation is designed to strengthen federal law by prohibiting the possession of big cats, except by qualified entities like AZA-accredited facilities.

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Our Zoo joined the Association of Zoos and Aquariums (AZA) in advocating for this bill. The legislation is designed to strengthen federal law by prohibiting the possession of big cats, except by qualified entities like AZA-accredited facilities.
HERITAGE SOCIETY MEMBERS:

FOREVER FRIENDS ENDURING IMPACT

With gratitude, we recognize those who have chosen to remember the Zoo beyond their lifetimes with lifetime gifts. As members of the Heritage Society, they are forever friends whose support will live on through our Endowment, benefiting the Zoo in perpetuity. People like us, as those who have shared their future legacy intentions.

David & Marla Bouchein

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Jay & Carolyn Henges (30)  
Laurance L. Brown (10)  
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Pershing Charitable Trust (15)  
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FOR SECOND SEASON
DINOROARUS OPENS
dinosaurs and play areas, 444,000 people in 2022. destination for guests, Dinoroarus was a fun welcoming nearly EMERSON
SAINT LOUIS ZOO
2022 ANNUAL REPORT
SUPPORT WILDLIFE TODAY . FROM FOSSILS, THEORIES SCIENTISTS CAN GATHER MASS EXTINCTION AND GUESTS OF ALL AGES OF THE DINOSAURS’ WAYS WE ALL CAN SUPPORT IN 2022: NEARLY $2.9 MILLION!

SUPPORT IN 2022: NEARLY $2.9 MILLION!
OUR ADVENTURE PASS, WHICH INCLUDES ONE-DAY ADMISSION TO DINOROARUS AND ALL OTHER ATTRACTIONS, ACHIEVED RECORD-BREAKING SUPPORT IN 2022.

GUESTS OF ALL AGES LEARN ABOUT WHAT SCIENTISTS CAN GATHER FROM FOSSILS, THEORIES OF THE DINOSAURS’ MASS EXTINCTION AND WAYS WE ALL CAN SUPPORT WILDLIFE TODAY.
Harbor seals can stay submerged in water for up to 30 minutes. Even a 2-day-old pup can stay under water for up to two minutes.

Polar bears tend to be solitary, except when mating or if a female is raising cubs. Many ask if the Zoo’s polar bear, Kali, is lonely — the answer is no!
Saint Louis Zoo Wins Prestigious Conservation Award

The World Association of Zoos and Aquariums (WAZA) awarded us the WAZA Conservation Award for our conservation work through the Saint Louis Zoo WildCare Institute Center for Avian Health in the Galapagos Islands.

This Center and its partners developed the first avian health program in the Galapagos. Because of the relatively sheltered environment, the island’s 50 native bird species are immunologically naïve to introduced pathogens. Conservation goals are to:

* Mitigate disease threats to endemic birds;

* Protect birds from fates of other Pacific Island species, like Hawaiian honeycreepers; and

* Build local capacity to address disease threats, requiring ongoing surveillance and testing.

The team surveys pathogen levels on major islands annually and periodically takes biological samples. Samples supply information about infections and movement of birds and their pathogens. Program success depends on future conservationists. International training workshops in the Galapagos have been offered, led by Zoo experts. The Center collaborates with local agencies and has supplied scholarships for Ecuadorians’ graduate training. The Center’s work inspired 30 master’s theses and doctoral dissertations.

Many birds are endangered, but there’s only one extinction to date. And, after 20 years of this Center’s efforts, the record holds.

10,000th Hellbender Released to the Wild

The Ron and Karen Goellner Center for Hellbender Conservation, part of the Saint Louis Zoo WildCare Institute, celebrated an incredible milestone: The 10,000th Zoo-raised hellbender was released to the wilds of Missouri’s Ozark Plateau. This was a historic moment for our team and partners at the Missouri Department of Conservation and U.S. Fish and Wildlife Service. The Center was also nominated for the WAZA Conservation Award.

Hellbenders are a fully aquatic salamander species. They have been part of Missouri’s rivers for millions of years; however, they are now at risk of extinction. But thanks to over a decade of release efforts, Zoo advocacy and field research carried out by our Zoo team and partners, the future is looking brighter for this Missouri native.

ACHIEVING MILESTONES IN CONSERVATION

The relatively sheltered Pacific environment that protects the Galapagos Islands’ birds also makes them immunologically naïve and vulnerable to introduced pathogens.

Hellbender populations are threatened by stream impoundments, pollution and siltation (when water becomes dirty from fine mineral particles). Over the past 40 years, the populations in Missouri have experienced drastic 70% declines.

We celebrated some of our Zoo’s BIGGEST CONSERVATION WINS in 2022, thanks to years of hard work and originality. In many ways, our teams and partners were innovators who set the stage for future conservation efforts for these endangered species and ecosystems.

OVER 10,000 HELLBENDERS HAVE BEEN RELEASED INTO RIVERS AROUND MISSOURI.
Gazelles and their giant leaps
Gazelles can sometimes be seen “jumping” in the air with all four hooves off the ground at once. This is called stotting.

Transcaspian Urial are a type of mouflon, or wild sheep, and the ancestors of domesticated sheep. Males are referred to as rams.
Zoo events, board and committee meetings he attended during his five decades of volunteer leadership. Lonnie and his wife Lee loved the Zoo, as evidenced by their contributions of time, talent, financial and tangible gifts. Lee Renfrew Wallace was known for her charming and gracious manner. We miss these dear friends; Lonnie passed away in 2019, and Lee in 2022.

Lonnie Mahon B. Wallace, III, also fondly known as Lonnie, added colorful wisdom at the many trust. Their trust gift mirrored their generous lifetime giving — an extraordinary bequest of Witchcraft & Wizardry. They also are Heritage Society members, planning a bequest through a charitable remainder trust. Their gift was an extraordinary bequest of $1.8 million for the Zoo Endowment. Their last gift to the Zoo represents the Wallaces’ vote of confidence for the Zoo’s work to conserve animals and their habitats.

By Jacob L. Rasmussen,

MEMORIALIZING LEE AND LONNIE WALLACE

Mahlon B. Wallace, III, also fondly known as Lonnie, added colorful wisdom at the many Zoo events, board and committee meetings he attended during his five decades of volunteer leadership. Him and his wife Lee loved the Zoo, as evidenced by their contributions of time, talent, financial and tangible gifts. Lee Renfrew Wallace was known for her charming and gracious manner. We miss these dear friends; Lonnie passed away in 2019, and Lee in 2022.

The Wallaces supported the Zoo as annual Martin Perkins Society members since the program’s start. They are also Heritage Society members, planning a bequest through a charitable remainder trust. Their gift was an extraordinary bequest of $1.8 million for the Zoo Endowment. Their last gift to the Zoo represents the Wallaces’ vote of confidence for the Zoo’s work to conserve animals and their habitats.
WE CELEBRATED 58,000 MEMBER HOUSEHOLDS IN 2022, A NEW RECORD!
FALL FESTIVITIES TO REMEMBER

October was full of sunshine and fall fun at the Zoo. Guests clinked their Zootoberfest beer steins with their favorite brews, which sold by the thousands.

The four days of Zootoberfest welcomed over 60,000 guests. Shortly following was Boo at the Zoo presented by SSM Health Cardinal Glennon Children’s Hospital, which was our most successful Boo at the Zoo event to date (nearly $1.5 million in revenue).

CONTRIBUTIONS OF CORPORATE DONORS

MAGNIFY EMPLOYEE GENEROSITY

- Air Products
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- American Family Insurance
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- Tyson Foods
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- A Zoo Adp presented by Wells Fargo
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- Playful Penguin
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- CACI
- Commerce Bank
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- Enterprise Bank & Trust
- Enterprise Holdings
- Harbour Group
- Heartland Coca-Cola Bottling Company
- Hunter Family Foundation
- Lewis Rice, LLC
- Lindenwood Drug
- Purina
- MGAO Destinations
- St. Louis Trust & Family Office
- Stiel
- Thompson Coburn LLP
- Boots at the Zoo presented by SSM Health Cardinal Glennon Children’s Hospital
- SSM Health
- Cardinal Glennon Children’s Hospital
- Mid America Chevy Dealers
- Wells Fargo
- Caliles
- Prairie Farms Dairy
- Eckert’s Country Store & Farms
- Enrichment Eggstravaganza presented by Kinder Joy®
- Kinder Joy®
- Halloween Weekends presented by SSM Health Cardinal Glennon Children’s Hospital
- SSM Health
- Cardinal Glennon Children’s Hospital
- Mid America Chevy Dealers
- Eckert’s Country Store & Farms
- Jammin’ at the Zoo
- Brooklyn’s Beverage Missouri
- Mid America Chevy Dealers
- Urban Chestnut
- Brewing Company
- Coca-Cola
- 106.5 The Arch
- Jungle Boogie presented by Mid America Chevy Dealers
- Prairie Farms Dairy
- Coca-Cola
- Night at the Zoo presented by Mercy
- Mercy
- Mid America Chevy Dealers
- Urban Chestnut
- Brewing Company
- Coca-Cola
- Prairie Farms Dairy
- Summer Zoo Weekends
- Prairie Farms Dairy
- iHeartMedia

PARTNERS IN PHILANTHROPY AND PUBLIC OUTREACH HELP US THRIVE AND GROW

- Cause-Related Marketing Partnerships
  - Kendra Scott Jewelry
  - The Goddard School
  - Stone Hill Winery
  - Urban Chestnut
  - Brewing Company

- Exclusive and Customer Partnerships
  - Heartland Coca-Cola Bottling Company
  - First Bank (ATM)
  - Strings at
  - Caribbean Cove
  - presented by SSM Health
  - St. Louis Children’s Hospital
  - First Aid Station

- Hotel Partners
  - Clayton Plaza Hotel
  - Comfort Inn & Suites
  - Chesterfield
  - Courtyard by Marriott
  - St. Louis Downtown West
  - DoubleTree by Hilton
  - St. Louis Forest Park

- Bedding partners
  - Drury Inn & Suites at Forest Park
  - Drury Inn Union Station

- St. Louis Children’s Hospital Make Tracks Through the Zoo
  - St. Louis Children’s Hospital
  - Mid America Chevy Dealers
  - Prairie Farms Dairy
  - Heartland Coca-Cola Bottling Company
  - Big River Running Company
  - iHeartMedia (2017)
- U.S. Bank Wild Lights
  - U.S. Bank
  - Mid America Chevy Dealers
  - Prairie Farms Dairy
  - Spire
  - Envy Apples
  - 102.5 KEZK
- Zootoberfest
  - Urban Chestnut
  - Brewing Company
  - 106.5 The Arch

ST. LOUIS CHILDREN’S HOSPITAL
THE HEART OF ANIMAL CARE AND OUTREACH: OUR INCREDIBLE ZOO EMPLOYEES

Jeffrey P. Bonner, Ph.D.
Dwight Scott
DVM
Diane Brown, President & CEO
B.J. Draper

SAINT LOUIS ZOO
WILDLIFE PARK
Jo Elle Meggenmann, Ph.D.
SAINT LOUIS ZOO Education

Michael Warshaw, DVM
Sarah O’Brien
Kari Musgrave, DVM, DACZM
Jane Merkel
James Johnson, III,
Carol Fieseler

Mary Duncan, BVMS,
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Kimberly Aubuchon
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Saint Louis Zoo Director

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Architecture &
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Kelsey Singleton
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Jennifer Blackburn
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Scott Fischer
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Stephen Kreinikamp
Jamie Lombardo
Victoria Mattingly
Brandon Meyerotto
May Morrison
Cara Munro
Amanda Olson
Mary Wرتz

Swing Keepers
Rachel Koebele
Holly Simmons
Claire Stowe

2,000 MICROCHIPS AND VISUAL EXAMS were performed on the whole group of radiated tortoises before some were released back into their native habitat.

Staff from the Saint Louis Zoo traveled to southern Madagascar to perform health evaluations of critically endangered radiated tortoises slated to be released back into the wild.
Many animals need browse, or tree trimmings, as part of their diet. Our Animal Nutrition team processed OVER 12.3 TONS of browse for the animals in 2022, ensuring their nutritional needs were met.
ADVENTURES AT EVERY CORNER

There’s lots to do at the Zoo in addition to seeing animal habitats. Here’s a snapshot of some of the Zoo’s beloved attractions.

TRACKING SMILES AT THE EMERSON ZOOLINE RAILROAD
The Zooline Railroad began with “The Spirit of St. Louis” locomotive; the family later grew to include the #45, Daniel Boone (1991); #46, Pierre Laclede (1993); #47, Lewis & Clark (1995); #48, Ulysses S. Grant (1998); #49, Charlton Tandy (1999); and #100, Emerson (2010).

SPLASHING WITH STINGRAYS AND SHARKS AT STINGRAYS AT CARIBBEAN COVE PRESENTED BY SSM HEALTH
This habitat is home to southern stingrays, cownose stingrays and bamboo sharks. Guests can visit these aquatic animals in the spring, summer and early fall.

STOMPING AROUND
Guests can learn, engage in play, plus participate in dino dig and dino magnetic wall activities at EMERSON DINOROARUS.

FLIPPIN’ FUN AT THE SEA LION SHOW
While on stage with the animals, Zoo trainers explain California sea lion behavior, positive-reinforcement training, animal facts and the need for conserving the sea lions’ ocean habitat.
Raja was born on Dec. 27, 1992. He’s the father of three female calves at the Zoo:
Maliha, Jade and Priya.
IMPORTANCE OF ENRICHMENT

Participating in enrichment activities — like pouncing on a ball — is essential for animals’ well-being. Depending on the species, enrichment may include puzzle feeders, buckets, scents or bubbles. Enrichment allows them to protect their troop from rival males and predators.

500 POUNDS.

Males have exaggerated canine teeth, which allow them to protect their troop from rival males and predators.
"MY GRANDPA WORKS AT THE ZOO"

Pat and Beth Moore are longtime supporters of the Zoo. Both Pat and Beth believe in building community and are very proud of the fact that St. Louis is home to a world-class, admission-free zoo. For over a decade, Pat and Beth have been involved at the Zoo. Pat is a key Zoo volunteer leader and is currently serving her 13th year on the Saint Louis Zoo Association Board. Pat is also a current member of the Conservation Council and was chair of the Wildlife Conservation Commission for the Zoo’s ZooLink, Create, Conserve, Strengthen program. Pat and Beth’s daughter, Erin Moore, is following in her parents’ footsteps. She recently spearheaded a Zoo animal enrichment fundraiser with her students at Rossman School. Erin shared, “If you allow the grandchildren who want to be famous, they will tell you, ‘My grandpa works at the Zoo!’”
GUEREZA COLOBUS MONKEYS

These monkeys live in groups of up to 15, generally comprised of one adult male, several adult females and their offspring. A female will give birth to one baby at a time.
The Saint Louis Zoo’s total net position in 2022 grew 0.5% compared to 2021, from $336 million to $337.6 million. The Zoo saw a $38 million decrease in total revenue when compared to 2021, with investment income and contribution revenue showing large decreases. The Zoo managed its financial resources with integrity and accountability, while remaining transparent in all financial statements.

In November 2022, the Zoo issued approximately $141 million in tax-exempt revenue bonds. Proceeds from this transaction resulted in a $120 million project fund that will help fund the construction of Saint Louis Zoo WildCare Park as well as approximately $21 million that will be used to fund the first three years of interest payments.

In 2022, the Zoo recorded 2.4 million in guest attendance, which is 133,100 more than 2021. This growth was the result of ending required free, timed-ticket guest reservations and ideal weather in October and November.

Guest spending averaged $15.20 per person in 2022. This represents a $0.10, or 0.7%, decrease over the previous year.

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**Investment Portfolio**

The Zoo has always been a prudent steward of its investments, which include a diversified mix of money market funds, certificates of deposit, corporate notes, mutual funds, common stocks and U.S. government and agency obligations, plus alternative investment funds. As of Dec. 31, 2022, the Saint Louis Zoo Association’s portfolio totaled $177.2 million, which represents a $6 million increase since Dec. 31, 2021. The Zoo’s assets were split—the Association portfolio was valued at $82.9 million and the Endowment at $94.3 million (see chart below).

As of Dec. 31, 2022, the Association’s non-endowment portfolio had $68.5 million invested in the short-term pool (which includes $64.7 million in cash) and $14.3 million in the long-term pool. The asset allocation of the long-term pool is 77% capital appreciation and 23% capital preservation. This year’s investment returns were negative due to poor performances by all market sectors throughout the year, including both domestic and international equities, as well as bond markets.

Association net cash flows increased $20.4 million with losses of $1.8 million; Endowment cash flow increased $0.3 million with losses of $11.6 million.

**Grizzly bears have a large mass of muscle atop their shoulders and behind their neck. Their muscle and their size (they can weigh up to 1,400 pounds) gives them exceptional strength, ability and protection.**
In 2022, the Zoo recorded an increase in total net position of $1.7 million, primarily due to increased property tax revenue, sales tax revenue and guest revenue.