

A FEW WORDS FROM THE PRESIDENT

President's Message

By Bob Wengel, Vice President Facilities, John G. Shedd Aquarium



I hope everyone is having a great summer and your Zoos and Aquariums are having a successful summer season. I know that this is a very busy time of year for all of us but before you know it summer will give way to fall, the kids will go back to school, and we will be meeting again at our annual conference.

The AZFA Board Committees have been busy working all summer to make our organization stronger. The new website has been launched which, if you have not already checked it out, you really need to. The Membership Committee has been working hard to increase our member base to bring more talent and resources into our organization. The Site Selection Committee has been busy getting the 2018 conference site locked down and is also working on securing sites for 2019 and beyond. Allmon Forrester and his team along with the Program and Education Committee have been hard at work and they are putting the finishing touches on what will be an amazing conference at the John Ball Zoo in Grand Rapids Michigan October 15th through October 19th.

If you want to learn more about AZFA Committees or if you want to get more involved let us know as we are always looking for help. Remember this is a member organization and it will only sustain itself if the membership is engaged. If you have a cool presentation or a project that you would like to share let us know and we can work it into one of the sessions at our conference or post it on the website. If you are on the fence about attending the annual conference please go to our new website and check out some of the awesome presentations from past conferences or contact one of us as we would be happy to talk with you. If you are an existing member go out into your organization and recruit folks who you think would benefit from learning and networking with us.

Remember, our mission is very simple but very impactful. **WE NETWORK. WE BUILD. WE PROTECT.** Every year when I attend the conference I look forward to seeing old friends and making new friends. I am always amazed at the amount of talent, knowledge, and dedication to our profession that I am surrounded by when we all come together. Enjoy the rest of your summer and I will see you in October in Grand Rapids.

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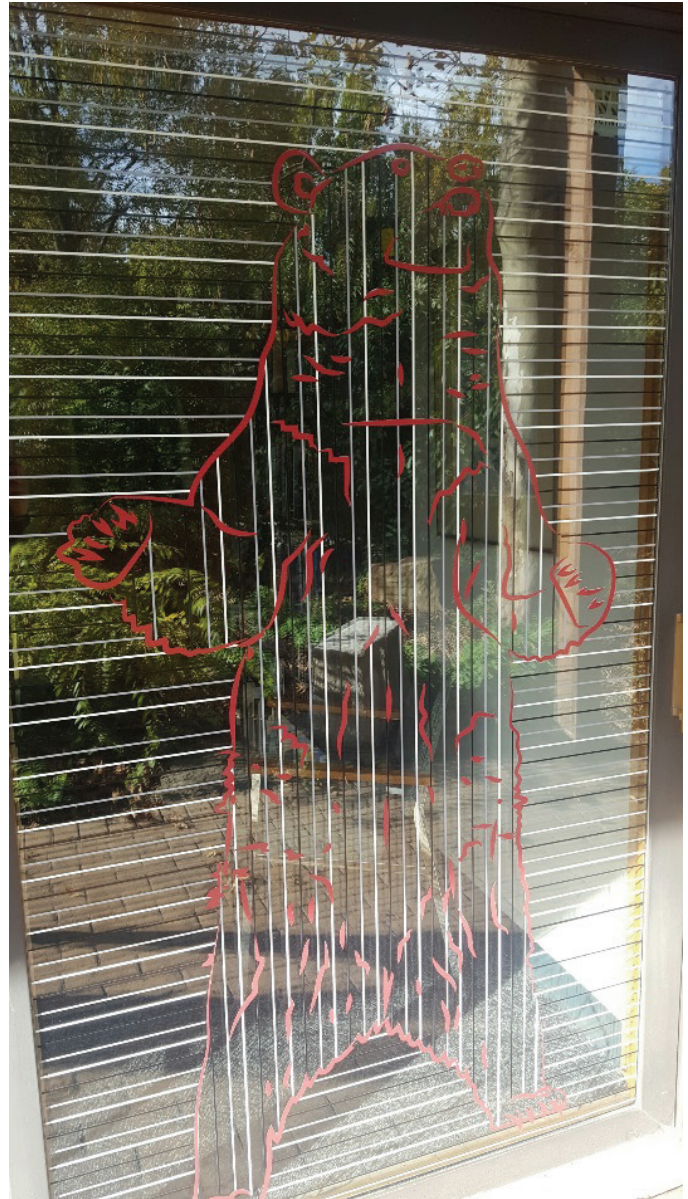
It's for the Birds: Making Windows Visible with Innovative Solutions

By Wanda Evans, Sustainability Coordinator & Project Manager, Saint Louis Zoo

Birds are safer at Saint Louis Zoo thanks to innovative solutions implemented on new and existing buildings. Unlike humans, birds do not see glass as a physical barrier and often fly into windows with deadly consequences. At Saint Louis Zoo, the graphics department came up with a window stripe application for existing windows and we installed an Ornilux glass on a new exhibit to prevent bird strikes with great success.

Saint Louis Zoo began collecting data on bird collisions in 2012 as a collaborative effort by the bird department and the Zoo's green team. A reporting protocol was developed to collect data about the location of collision, date, time, bird species, and survival status. Zoo staff also started testing various solutions to see what was effective, practical, and affordable. By following the design guidelines established by the American Bird Conservancy, our graphics staff created a three-colored design pattern of white, black, and gray stripes. This pattern is a unique design intended to create a visual cue any time of the day, regardless of shade. This design was applied to test windows and since then no bird strikes have been reported at the location. In 2016, funding was approved to apply this design on our largest windows. Animal outlines were added to the stripe design on the Administration Building for aesthetics.

Applying the stripe patterns to the largest buildings in 2016 (Orthwein Animal Nutrition Center and August A. Busch Jr. Administration Building) has drawn considerable attention to the issue. Signage on windows with the application informs our visitors about the purpose of the stripes. The new Tasmanian Devil Habitat in the Emerson Children's Zoo was the Zoo's first project utilizing Ornilux glass, a manufactured clear glass that has embedded ultra violet patterns visible to birds, but not humans.



Animal/Stripe Application

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This project is a concrete action that advances biodiversity within our campus and it is a replicable solution that our staff, volunteers, and visitors can apply in their homes and businesses. The educational awareness we have developed encourages others to follow our lead. There is a groundswell of pride among staff and Zoo stakeholders since our stripe pattern was designed in house, putting a spotlight on the innovations that emerge from our institution. Docents, education staff, and volunteers are able to speak with our visitors about this topic and the solutions we have devised to address it which is an empowering conservation story.

Accessing nature is tremendously beneficial for our health and wellbeing which is why incorporating windows in offices has become the norm, but it is also important to ensure that we consider the impact on wildlife populations. Saint Louis Zoo is committed to considering impact on wild bird populations as we design new projects. We are also committed to including this topic in our educational programming to bring awareness to the issue.

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2017 AZFA Conference, See You in Grand Rapids!

By Allmon Forrester

On behalf of all the staff at John Ball Zoo, we are excited to welcome you to Grand Rapids this fall. The 2017 AZFA Annual Conference is just a few months away and here is a preview of what is in store for you October 15th - 19th.

The AZFA Program & Education Committee has been hard at work putting together our educational sessions. The preliminary session list is below and we are continuing to add to it. We know one of the main reason your institution sends you to this conference is the education program and our goal is to offer a variety of opportunities that broadens the brim of your professional facilities hat.

The fall foliage should peak during the conference and there is no better place to see the color show than at John Ball Zoo. Our Zoo has over 100 feet in elevation change and has some of the most dramatic views of the city skyline.

A little known fact about Grand Rapids is that it is the second largest city in our mitten state. It is also the home of America's Best Burger (according to GQ magazine) at Stella's Lounge.

Did someone say Beer City USA? Grand Rapids is well recognized for its breweries, boasting over 40 of them in the surrounding area, and we even have an official "Beer City Ale Trail". Even if your preference does not begin with hops, there are plenty of places within walking distance of the hotel to satisfy your culinary cravings.

The week of the conference will follow the close of Art Prize. In 2016 there were 1,453 works created by artists from 40 states and 44 countries exhibited in 170 venues around the city. There is usually a lot of art still scattered around downtown the weeks following the event.

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Hotel



Amway Grand Hotel is a 4-diamond hotel located in the heart of the city, less than two miles from the John Ball Zoo. Remember to reserve a room by September 18th to receive the discounted rate. Walking distance from the hotel you will find four museums (Gerald R. Ford Presidential is one for you history buffs), food and dining all around, breweries, and over 100 outlets for your shopping pleasure. For more hotel information: <http://www.amwaygrand.com>

Sunday Morning Golf Outing

Early tee time at one the area's finest golf courses: <http://www.thornapplepointe.com>

Sunday Evening Ice Breaker

Founders Brewery is one of the highest recognized breweries in the United States. They have been ranked in the top breweries in the world by Ratebeer.com for the last five years and their beers have won numerous national and international awards. As part of the Ice Breaker, we are fortunate to be touring the brewery followed by a taste testing event. This will be an Ice Breaker that you will not want to miss.

<http://www.foundersbrewing.com>



Monday - Tuesday Education Sessions

- 10 Hour OSHA Certification
- Incident Command System: An overview what it is and how it can apply to zoos and aquariums
- ADA and how it affects your Zoo
- New Virtual Design and Construction Technologies using Virtual Reality: Using clearer visual communication to improve efficient collaboration that impacts project safety, quality, cost, and schedule
- Tree Audits: Proper inventories can help us budget for and plan work, analyze values, and identify hazardous trees
- Detroit Zoo's Poop Power!
- The importance of industrial equipment safety: Do you believe in magic?
- Denver's new approach to work orders, zones, and AZA accreditation preparation
- HVAC 101
- Palm Beach Zoo: Managing a Safer Zoo
- Proposed Round Table Discussions: Accreditation, How to Get to Yes With Keepers, Master Planning: Our Role, and the Clark Waldram Conservation Fund.



This is just a sampling of what we have in store. We will be updating the website throughout the summer with other offerings, so check back often for updates.

Wednesday Zoo Day

During Zoo Day we will have numerous opportunities to see behind the scene areas. The staff at John Ball Zoo are excited to show our Zoo to you: <http://www.jbzoo.org>

Thursday Post Conference Tour

The post conference tour will be a visit to the Binder Park Zoo in Battle Creek, MI. For more information: <http://www.binderparkzoo.org>

Registration information

Registration information can be found on the AZFA website: <http://www.azfa.org>

AZFA Nominations 2017

President-Elect - Brian Timm, Henry Doorly Zoo

Vice President - Tony James, Cincinnati Zoo and Gary Mollé, Cleveland Metroparks Zoo

Secretary - Sam Peterson, San Antonio Zoo

Treasurer-Elect - Accepting Nominations

Director-at-Large - Rudy Castañeda, El Paso Zoo

President-Elect

Brian Timm, Director of Facilities, Henry Doorly Zoo



My name is Brian Timm and I am the Director of Facilities at Omaha's Henry Doorly Zoo and Aquarium in Omaha, Nebraska. I currently serve as the Vice President of AZFA. I have been in the Director's position for the past six years and find it to be challenging and rewarding at the same time. I currently oversee Maintenance and Building Engineering, Rides Maintenance, Horticulture, and the Custodial Department. When these areas fail to keep me busy, I also Co-Chair the Sustainability efforts of the zoo, supervise staff-related Safety ventures and have recently added ADA Coordinator to my list of duties.

Vice President

Tony James, Director of Facilities, Cincinnati Zoo & Botanical Garden



I was born and raised in Cincinnati, Ohio and have a beautiful wife and two wonderful kids. My time at the Cincinnati Zoo & Botanical Garden started over 17 years ago...that is almost half of my life! My Zoo career has taken me on a wild ride. I started as a seasonal employee in our Horticulture Program and within 10 years I worked my way up to Project Manager within the Horticulture department. Looking to expand my role, I accepted a position in the Facilities department as Facilities Project Manager. That was 7 years ago. During that time, I managed all new construction projects. Then 2 years ago, I was promoted to Facilities Manager and became responsible for overseeing and coordinating the Maintenance team as well. This past January, I was promoted to Director of Facilities, allowing me to take on a more visionary role while still managing the day-to-day activities of our team. Outside of work, I enjoy the outdoors. Some of my most enjoyable times are spent in the woods or on a lake. There is nothing I enjoy more than sitting around a fire with family and friends.

Gary Mollé, General Maintenance Mechanic, Cleveland Metroparks Zoo



My name is Gary Mollé and I am lifelong resident of Cleveland Ohio and have been a General Maintenance Mechanic for the past 20 years at the Cleveland Zoo. I am passionate about my work at the Cleveland Zoo as well as the AZFA Organization. I have had the honor of being a member of AZFA since 2001. I have been the Chairperson for Honors and Awards since 2010. If elected I look forward to helping AZFA to continue to grow and continue to provide valuable support, networking, education and opportunities for our industry.

Secretary

Sam Peterson, Sustainability Coordinator, San Antonio Zoo



I grew up as a regular visitor to the San Antonio Zoo and first started working here at the age of 15, when I volunteered in the Education Department. Throughout university I continued to work part time in various departments before becoming an office manager for Animal Care and Operations in 2001. After chairing the Green Team since 2002, I received official Sustainability Coordinator duties two years ago. I have been involved with AZFA since 2008, assisting with conference hosting in San Antonio in 2011 and serving as Secretary on several occasions.

I am currently the Membership Administrator and continue to maintain involvement in numerous committees. I believe the AZFA is a valuable organization and I have greatly enjoyed meeting its members and watching it grow. I look forward to contributing in any way I can as a member, committee member, or officer.

Treasurer-Elect

Accepting Nominations

Director-at-Large

Rudy Castañeda, Facilities Superintendent, El Paso Zoo



I have worked in the maintenance field for over thirty years and have spent the last seven of those as the Facilities Superintendent of the El Paso Zoo. I have found these past years some of the most challenging and rewarding of my career. Before I applied for the job, I thought long and hard about making the move. I had no idea what was involved in maintaining and operating a zoo. After I was hired, I soon found out and have not looked back. Another impressionable revelation of my zoo experience was found through my involvement in AZFA. I became a member two months after I started working at the zoo. I have had the pleasure of

meeting some of the most interesting and informative people from zoos and aquariums from all regions of the U.S. My experience as AZFA president has only made me want to keep being involved.

New Members

Professional

Tom Day, Building and Grounds Supervisor,
Cosley Zoo

Danielle Green, Director of Gardens & Grounds,
Naples Zoo

Tim Lillis, Carpentry Manager,
Denver zoological foundation

Alan Partida, Maintenance Manager,
Odysea Aquarium

Jesse Phillips-Kress, Facilities Manager,
Seattle Aquarium

Rick Rank, Maintenance Manager,
Rolling Hills Zoo

Beth Rich, Director of Animal Management and Health,
Milwaukee County Zoo

Sheri Schannuth, Painter,
Tennessee Aquarium

Randy Scott, Facilities Manager,
Wonders of Wildlife Aquarium

Francisco Valadez, Exhibit Design Technician,
North Carolina Zoo

Commercial

Tim Ivey, Sr. Vice President,
Columbia Partition

Judith Jochems, National Sales Manager,
American Lighting

Greg Leofanti, Project Director,
Pepper Construction Company

Dana Pack, Vice President Sales,
Fogco

Natalie Steele, Marketing Coordinator,
Madewell Products Corporation



5 Energy (New)
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Electric Cars & Utility Vehicles

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Plumbing & HVAC/R

Garland DBS
Roofing & Building Envelope

Georgia-Pacific Professional
Janitorial Paper Products

GOJO
Health & Hygiene Solutions

Magid Glove & Safety
Safety Equipment & Supplies

Sherwin Williams (Coming soon)
Paints and Coatings

Staples Advantage
Facilities Solutions

WESCO
Electrical & Lighting

Calendar

Deadline for articles for the next newsletter: October 24th

2017 Annual Conference: October 15-19, John Ball Zoo, Grand Rapids, MI

Publication Schedule

- Summer Issue - July
- Winter Issue - January
- Fall Issue - October
- Spring Issue - April

www.azfa.org

Don't forget to check out the AZFA website for updates and news.

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Membership

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Editor's Note

**By Jennifer Golden, Operations Project Manager,
Zoo New England**

I am sure many facilities have recently celebrated the opening of a new exhibit. Whether this was an in-house remodel of an existing exhibit space or a large scale new construction project our members want to hear about it. Share your experience and spotlight the new addition to your zoo or aquarium. Please send your articles with pictures to jgolden@zoonewengland.com