

# the Outlet



Fall 2013

## A FEW WORDS FROM THE PRESIDENT

### President's Message

By Bill Cooper



Thank you all for allowing me to serve again as President. I consider it an honor and a privilege to be able to help lead this organization for another year. I want to thank Rodney Fuller for his excellent leadership this past year, and for his contribution of time and hard work.

This year the Board of Directors and I will be working on continued efforts to improve the operation of the AZFA. We will be finishing the proposed bylaws changes and will be making the business of the AZFA more portable by allowing records to follow the change of Officers. We will be continuing to refine our website, and our social media sites such as Facebook, and LinkedIn; with the goal of improving communications between our members. Efforts to grow our membership are ongoing as we continue to reach out to like institutions who may not know about us, or who are not currently members. Lastly, we will be working on getting more of our members involved in the business of the AZFA. We need to continue to see fresh faces on the Board and serving as President.

The conference in El Paso was outstanding. We had over 175 members in attendance and over 30 vendors this year! The programs were excellent, and improve each and every year. I want to thank Rudy Castañeda and his staff at the El Paso Zoo for their hard work at putting on such a fine conference.

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If you were not able to make it this year, I hope to see you next year in Evansville, Indiana. David Vogel and the Mesker Park Zoo will be our host and I am very much looking forward to that!

Speaking of conference host, this year we have formed a new Conference Committee. This Committee will be responsible for helping host facilities with the logistics of setting up a conference. This will make it much easier for potential hosts to understand what is involved, and will make it much less burdensome for them. I hope this much needed committee will help people who are thinking about hosting in the future step up since much of the work will now be performed by this new committee.

Regarding the bylaws changes I mentioned earlier. They were posted at the conference to allow the members present to vote. We would now like a consensus from the members who were not able to make it to the conference. A ballot is included in this edition of The Outlet allowing you to cast your vote for or against the changes. Ballots can be submitted by mail or e-mail. To mail please print out the ballot, mark your vote, and mail to the address provided on the form. Make sure you put your name on the inside flap of the envelope in order for your ballot to be valid. To e-mail please print it, mark your vote, scan, and e-mail to mak@clevelandmetroparks.com. If your vote is e-mailed, it must come from an address with your name associated with it. The deadline for receiving all votes is November 22, 2013.

Again, I take my hat off to the El Paso zoo for hosting this year's conference in such an excellent manner. I want to thank them for their continued support. I want to thank you, the member, for your support. We cannot do this without you!

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# Past President's Message

By Rodney Fuller

I hope that this issue of The Outlet finds all of you doing well. With some time now to reflect on the El Paso Conference I have to say that I was thoroughly impressed with every aspect of what was available to the attendees. The programs and sessions were great and the vendor participation was at an all time high level. I want to thank all of the folks that put in long hours and made the extra effort required to make this another successful conference.

The past year as President went by much quicker than I thought it would. Having a great Board and great Committee Chairs made my service to AZFA a joy. I want to thank you again for giving me this opportunity. I have very fond memories of all the years that I have been associated with the AZFA and

the relationships that I have been able to develop over the years are priceless treasures to me. The networking and learning opportunities just add to the benefits of being an active member. As I look forward to the year ahead, I am very encouraged by the leadership that you, the members, have put in place. I am confident in their ability to move the organization forward as needed to help it grow and prosper. Thanks again for your help and support.



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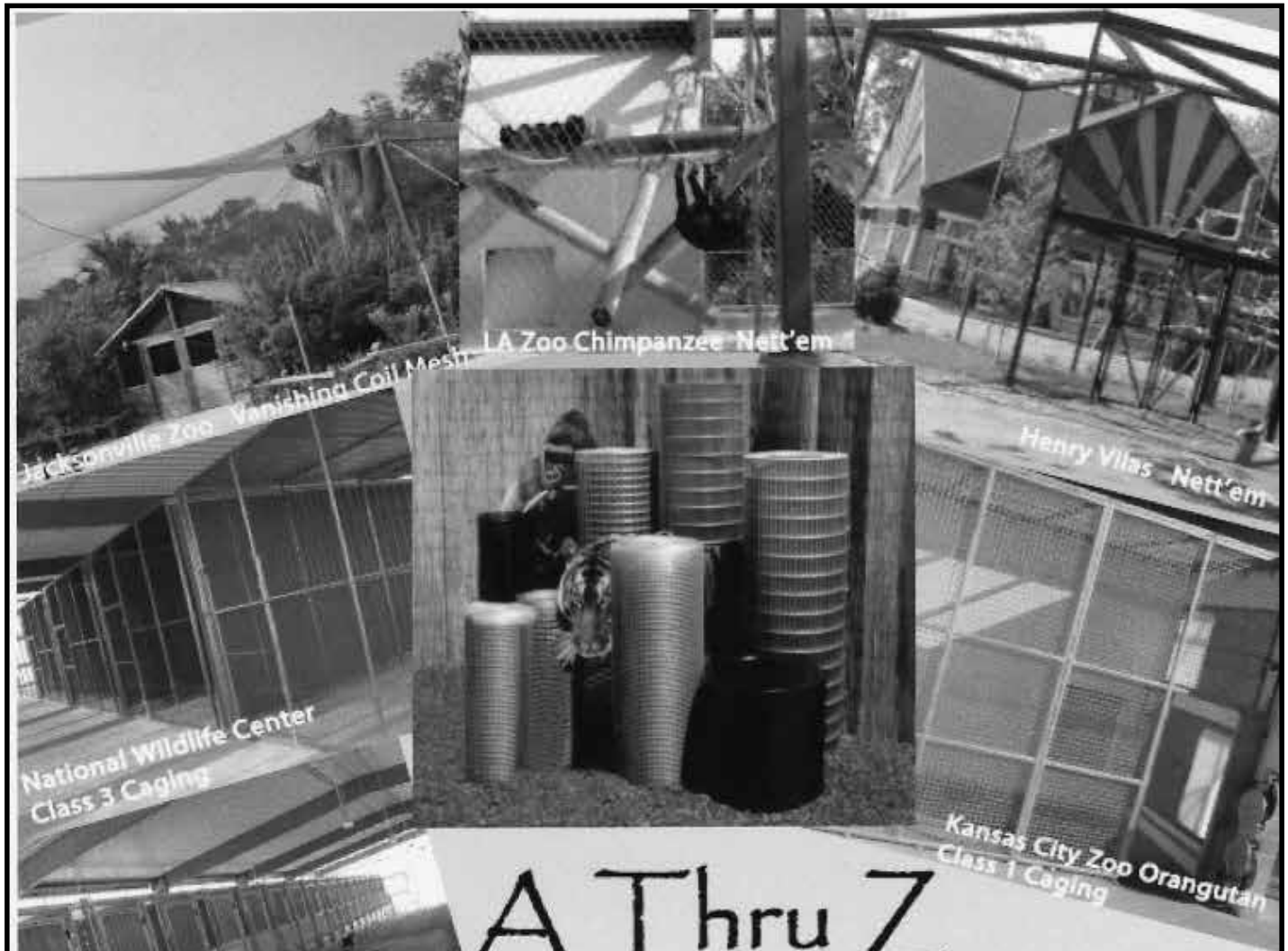
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bcooperzooman@yahoo.com

### President Elect

Mark Fisher · Cincinnati & Botanical Garden  
513-559-7795 · mark.fisher@cincinnati-zoo.org

### Vice President

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915-351-5360 · Castanedar1@elpasotexas.gov

### Secretary

Samanthe Peterson · San Antonio Zoo  
210-734-7184, ext. 1302 · animalmgt@sazoo-aq.org

### Treasurer

Michael Patera · Cleveland Metroparks Zoo  
216-661-3066 · map@clevelandmetroparks.com

### Past President

Rodney Fuller · Tennessee Aquarium  
423-785-4026 · rfl@tnaqa.org

### Board of Directors

#### Director at Large year 3

Chris Vanskike · San Antonio Zoo  
210-734-7184 x1700 · cvanskike@sazoo-qa.org

#### Director at Large year 2

Stan Chapin · Point Defiance Zoo & Aquarium  
253-404-3802 · stan.chapin@pdza.org

#### Director at Large year 1

Andy Peterson · Point Defiance Zoo  
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### Committee Chairpersons

#### Bylaws

Rudy Castañeda · El Paso Zoo  
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#### Commerical Liaison

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### Conservation

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### Fundraising

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### Honors and Awards

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### Long Range Plan

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### Membership

Joe Graber · Point Defiance Zoo & Aquarium  
253-404-3660 · E-mail: joe.graber@pdza.org

### Nominating

Rodney Fuller · Tennessee Aquarium  
423-785-4026 · rfl@tnaqa.org

### Professional Relations

Bob Wengel · John G. Shedd Aquarium  
312-692-3296 · bwengel@sheddaquarium.org

### Program & Education

Samanthe Peterson · San Antonio Zoo  
210-734-7184, ext. 1302 · animalmgt@sazoo-aq.org

### Publications/Website

Jennifer Golden · Zoo New England  
617-989-2084 · jgolden@zoonewengland.com

John Kanzia · Brookfield zoo  
708-485-0263 · john.kanzia@czs.org

### Site Selection

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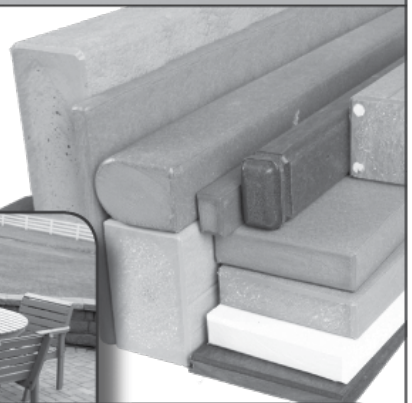
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# Conference Wrap-up

By Rudy Castañeda

I would like to thank all of you for joining us in El Paso for this year's AZFA Conference. It was a pleasure seeing so many of you again and meeting some of you for the first time. I hope you enjoyed yourselves throughout the week and are still thinking of the Ice Breaker on Sunday night at McKelligon Canyon. What a way to kick-off the week; great weather, friends, and a good old-fashioned Texas-style barbeque.

The workshop agenda was focused on providing a wide variety of workshops and introductions to welding, crimp fitting, pump and motor alignment, decorative concrete work, net repair, PVC bonding, forklift/boom certification, and the formation of artificial rock work and water falls through a frame and panel system.

Wanting to provide something for everybody, there were also several sessions and roundtable discussions pertaining to

construction management, solar energy, decorative concrete design, reducing capital construction costs, designing built-in animal enrichment devices, basics of electric fencing, emergency preparedness, and in-door air quality.

The educational session presented by Dennis Ethier, "When the Aquarium by the Sea Becomes the Aquarium IN the Sea", the story of Superstorm Sandy's collision with the New York Aquarium was so moving, you could have heard a pin drop during his presentation. Guest speaker Rudy Ruettiger, ex-Notre Dame Football player and motivational speaker, was quite vivid and spontaneous, so there was never a dull moment.

Hosting this year's conference was a challenge and a great learning experience. It is my hope that everyone who attended left feeling motivated, inspired, more knowledgeable in their respective trades, and with a better understanding of our culture and our great city.



**BALLOT**

**Proposed Bylaw Ammendments  
October 7, 2013**

**Language updates: Articles II, IV, and V**

ARTICLE II, Section 4

- a) Associate Members. These are individuals and/or students who are...
- b) ~~Student Members.~~ These are ~~students who are enrolled in high school, college or graduate level courses at a minimum of 50% of a full academic schedule, provided the application of each student is certified be a principal, department head or any Professional member of the Corporation, and provided further that the student satisfy such other requirements as are proscribed by the Board of Directors.~~

ARTICLE IV

Section 3. Directors-at-Large

- d) One Director-at-Large shall be elected at each annual meeting of the Corporation from the group of past Board of Directors (~~Officers and Past Directors-at-Large~~).

Section 6. Notice of Special Meetings of the Board of Directors

- a) Oral, electronic, or written notice of the date, time and place of each...
- d) Written or electronic notice shall be made effective at the earliest of the...

ARTICLE V, Section 4 The Corporation shall give oral, electronic, or written notice...

- a)1) ...if the notice is mailed by first class, ~~or~~ registered mail, or electronic; or, if notice is mailed by other than first class or registered mail or electronic, thirty (30) days to sixty (60) days before the meeting;
- 4) E-mailed to the voting members' current recorded e-mail address.
- c) Written notice by the Corporation to a voting member is effective when e-mailed or mailed and properly addressed to the voting member's...

Section 5. Quorum. ...when there is a majority of the Professional members in person or ~~by proxy or~~ by absentee ballot...

Section 10. Voting by Proxy. A voting member of the Corporation may vote by proxy executed in writing or e-mail by the voting member or by his or her duly authorized attorney in fact. No proxy shall be valid after eleven (11) months from the date of its execution, unless otherwise provided in the proxy. An appointment of a proxy is revocable by the voting member.

\_\_\_\_\_ **ACCEPT**

\_\_\_\_\_ **REJECT**

*Only one ballot per sealed envelope is permitted. Write your name on the inside flap of the envelope for verifying current membership standing. Only one vote per Professional Member is permitted. Mail to:*

AZFA  
c/o Cleveland Metroparks Zoo  
3900 Wildlife Way  
Cleveland, OH 44109

**Ballots must be received no later than 3:30 p.m. on Friday, November 22, 2013. Ballots not in compliance with required conditions will be invalidated.**

**BALLOT**  
**October 7, 2013**

**Officers' Roles and Responsibilities: Article III**

Section 2. In general:

- f) Any officer may be removed, at any time by a majority vote of the Board of Directors Professional members at the annual meeting, with or without cause.
- g) All officers must read and sign the AZFA Code of Ethics for Board Members.

Section 5. The President-elect shall have the following duties and responsibilities:

- g) Shall be responsible for the development and maintenance of goals for a long-range plan.

Section 7. The Secretary shall have the following duties and responsibilities:

- c) Shall maintain serve as chair of the Historical Archives Committee.

\_\_\_\_\_ **ACCEPT**

\_\_\_\_\_ **REJECT**

**Committee Changes: Article VI**

Section 1. Definitions. The President shall annually appoint such committees as are appropriate to conduct the business of the Corporation. Each Chairperson shall be a Professional member of the Corporation. Such committees shall have such responsibilities and powers as the Board of Directors shall specify. Members of other such committees may, but need not be members of the Board of Directors. A committee member appointed by the Board of Directors may be removed by the Board of Directors, with or without cause.

Section 12. Historical and Archives Committee. The Historical and Archives Committee shall consist of at least two (2) Professional members with one (1) of the members being the Corporation Secretary.

Section 13. Long Range Planning Committee. The Long Range Planning Committee shall consist of five (5) Professional members appointed by the President, one (1) member being the President-elect as Chairperson, one (1) member being a representative from the Membership Committee, one (1) member being a representative of the Conservation Committee. The Long Range Planning Committee shall develop and maintain objectives and goals for a five (5) year plan for the Corporation.

Section 14. Other Committees.

Section 16. Accreditation Committee. The Accreditation Committee shall consist of a minimum of five (5) Professional members appointed by the incoming President. The President shall appoint the committee chair. The purpose of the committee is to establish basic standards and guidelines for facilities management programs and to set the facility condition standards for zoological and aquarium facilities.

\_\_\_\_\_ **ACCEPT**

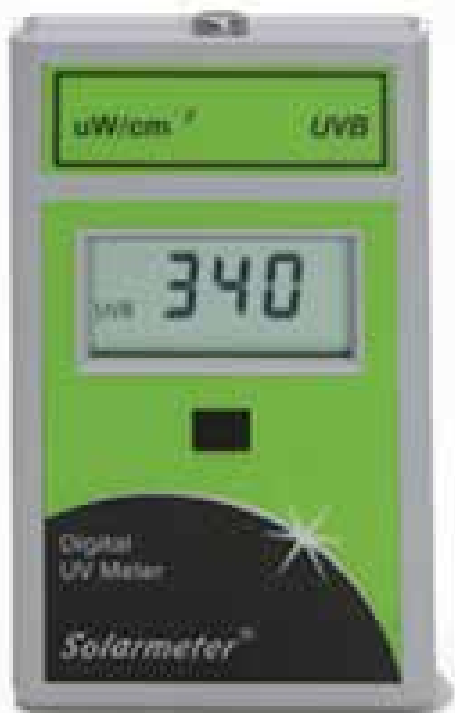
\_\_\_\_\_ **REJECT**



# The Right Light for the Job

By John Kanzia

Many animals (including humans) require light in the UVB spectrum (280-320 nm) to aid in the synthesis of a type of cholesterol in the skin into vitamin D3, which is then used to synthesize calcium in the diet into bone. Some animals, especially reptiles, can develop metabolic bone disease if they don't get enough of the right kind of light in their exhibits. The reptile husbandry market is saturated with literally hundreds of UVB bulbs, so which ones are the best ones to use? While



there is an application for just about every bulb out there, selecting the right bulb for the job is just as important as selecting the right tool for the job.

There are a number of factors to consider when selecting the appropriate UVB lamp for a reptile exhibit. Here are some tips to help you get started:

Research your reptiles – before you acquire an animal, do some research to find out where it comes from and what its needs are, including lighting, heating and humidity. If you are getting the animal from another Zoo or Aquarium, ask for some information about the exhibit that the animal was in so you can plan to match those conditions at your facility. As exhibits get deeper, you'll need higher wattage bulbs to penetrate to the bottom of the exhibit where the animals are.

Invest in a good UVB meter to make sure that your bulbs are placed at the right distance. A strong bulb placed too close can cause burns and eye problems. Solartech carries a wide selection of economically-priced light meters used across the reptile industry.

Make sure that your light's beam shines on a preferred basking spot to ensure good UVB exposure.

Whenever possible, create a heat and light gradient within your exhibits. Animals should be able to access both bright, hot areas and cool, shaded areas.

As the Environmental Quality Manager at the Brookfield Zoo, I've tested a number of bulbs from a number of different manufacturers. Some of the most promising bulbs that I had seen in a long time come from Mac Industries, aka Reptile UV. They offer a comprehensive line of lamps, and are a great source for information about exhibit lighting setup and UVB monitoring.

Some other manufacturers are Zoo Med, T-Rex Products, and Westron Lighting Corporation. All of these companies have staff available to help you select the right bulb for the type of animals that you'll be keeping in your exhibit.

As always, please feel free to contact me if you have any questions at [john.kanzia@czs.org](mailto:john.kanzia@czs.org).

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**Columbus Zoo & Aquarium**

Brenda Jordan

Allan Shipp

**El Paso Zoo**

Yvette Hernandez

**Granby Zoo**

Bernard Boulay

Marcel Champagne

**Hattiesburg Zoo**

Matthew Carr

**Houston Zoo**

Larry Craft

Brian Niles

**Indianapolis Zoo**

Lisa Gaus

**Jackson**

**Zoological Park**

Chris Baker

**Jacksonville Zoo and Gardens**

Cullen Richart

**Knoxville Zoo**

Scott Taylor

**NC Zoo (North Carolina Zoo)**

Martin Kearns, NC Zoo

**San Diego Zoo Safari Park**

Dennis Brand

**Toronto Zoo**

Leona Mitchell

Bill Romberg

Rene McGraw

Ben Knoop

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Email: \_\_\_\_\_

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# Calendar

Deadline for articles for the next newsletter: January 6, 2014

# Publication Schedule

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

# www.azfa.org

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

Website Administrator  
John Kanzia, john.kanzia@czs.org

# Membership

Membership Administrator  
Ann Kaminsky, mak@clevelandmetroparks.com

# Editor's Note


By Jennifer Golden

I would like to take a moment to express thanks to our Commercial Members for their support throughout the year as well as during the annual conference.

Advertising in The Outlet is a great way for companies to target our unique group of professionals dedicated to the construction and maintenance of aquarium and zoo buildings, exhibits, and systems. The Outlet currently reaches hundreds of individuals at over 100 zoos and aquariums and our membership continues to grow!

If you are a Commercial Member interested in advertising please contact me at jgolden@zoonewengland.com.

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