



**Next meeting Tuesday January 10**

This Month's Guest Speaker:

**Frank Aguirre**

Speaking on

**Salt water Basic Elements and Marine Angels**

More about Frank's presentation on Page 4

What's on the Web?

**The King of DIY!**

Page 9

Get to know CAOAC

We feature a National Geographic article they  
shared with:

**A Fish Called Obama**

Page 5

**Barrie Region Aquarium Society of Simcoe**

**[www.1brass.com](http://www.1brass.com)**

## PRESIDENT'S MESSAGE

Happy New Year Everyone! I hope you all had a great Christmas and spent quality time with family and friends.

Things have been pretty cold and snowy lately, but it has been quite warm in my fish room over the holidays. Sadly, I managed to cook a bunch of my *Neolamprologus marunguensis* babies and juveniles by an older heater that malfunctioned and cooked the tank load. The good news is that my adult pairs are producing batch after batch of young ones! Oh well, welcome to the ups and downs of this still rewarding hobby! Here's to the brand new heaters in my house with good working thermostats!

As you know we are having our upcoming Large BRASS Auction on April 2nd and we are still looking for people to join our Auction Committee to plan and organize this event. Please let myself or the executive know by our January 10th meeting so we can start scheduling our auction committee meetings.

Our January meeting will feature a presentation by Frank Aguirre who will be speaking to us about salt water aquariums. You know, I've always wanted to set up and maintain a salt water aquarium since I was a kid! I've got a feeling that Frank's passion and knowledge that he will share this month will finally give me the incentive and inspire me to set up my own salt water

tank. Once my fresh water fish in my 100 gallon long tank transitions to one of our larger systems, I can finally get a salt water tank started.

Enjoy a successful and fulfilling time of keeping fish in 2017!

Jeff Mountjoy  
BRASS President

### THIS MONTH'S ISSUE

From the Editor	3
Coming Events	4
January's Guest Speaker	4
A Fish Called Obama	5
What's on the Web?	9
Buy & Sell / Bulletin Board	12



[www.petsandponds.com](http://www.petsandponds.com)

## From The Editor

It's a new year, and it's a new issue of your Bulletin. Thanks for taking the time to read it!

In this month's issue, we take a look at the CAOAC newsletter. We share a National Geographic article they featured in their November 2016 newsletter. In "*What's on the Web?*" we talk about the one and only King of DIY and show he offers more than just informative "how to" videos. We really couldn't do this series without including The King. Also, be sure to take a look at the BRASS Bulletin Board. Jeff, our president, shares a request for aquarium equipment from his alma mater.

I would like to remind everybody that we are always looking for content. If you have any material you would like to share with the BRASS membership, please send it to us! We would love to feature anything written by our members. If you have any hobby related pictures you would like to share, we would be happy to include them too. Or if you have ideas or comments on what we're doing, please send it all to [BRASSBulletin@gmail.com](mailto:BRASSBulletin@gmail.com)

Also, in the interest of getting to know each other better, we would like to revive the "Who's That?" series. This is where we talk about one of our members and learn a bit about who they are. We are currently looking for volunteers. If you're interested, please see me at our next meeting or send me an email. If we don't receive a response, we will start picking members to interview for this article.

So you may as well volunteer to be featured now, because you're going to be asked anyway...

We hope you enjoy this month's Bulletin and here's to a happy and prosperous 2017!

Ken Parkes  
BRASS Bulletin Editor



Photo of Aquatic Plants: Monte Carlo, Anubius, Bacopa, Ludwigia and crypts. Submitted by Ken Parkes



**GLOBAL PET FOODS**  
Canada's Healthy Choice For Pets  
King Street, Midland

Please support the businesses that supported our club through donations for our auction.

## Coming Events

Jan 15 - CAOAC Executive Meeting & General Meeting, Waterdown ON

Feb 9 - BRASS Club Meeting

Feb 12 - CAOAC Executive Meeting & General Meeting, Waterdown ON

Mar 14 - BRASS Club Meeting

Mar 19 - CAOAC Executive Meeting & General Meeting, Waterdown ON

Mar 25 - Hamilton & District Aquarium Society - Auction, details to follow

Apr 2 - Barrie Region Aquarium Society Auction, Barrie details to follow

Apr 9 - Durham & Region Aquarium Society Aquariana, details to follow

Apr 11 - BRASS Club Meeting

Apr 22- Sarnia Aquarium Society Auction details to follow

Apr 23- CAOAC Executive Meeting & General Meeting, Waterdown ON

Apr 30 - Société d'Aquariophilie de Montréal Auction details [here](#)

May 7 - London Aquaria Society auction

May 9 - BRASS Club Meeting

May 21- Convention & AGM

Jun 13 - BRASS Club Meeting

Jun 25 - CAOAC Executive Meeting & General Meeting and President's Lunch, Waterdown ON

Sep 9 - Sarnia Aquarium Society Auction - details to follow

Sep 12 - BRASS Club Meeting

Sep 24 - London Aquaria Society auction

Sep 30 - Hamilton & District Aquarium Society - Auction, details to follow

January's Guest Speaker:

**Frank Aguirre**

Speaking on

**Salt water Basic Elements and Marine Angels Part 1**



This presentation deals with the indispensable elements necessary to build a marine ecosystem. Breaking away from the common mistakes and mythology surrounding the hobby Frank explains with particular clarity for the audience how easy is to keep and maintain saltwater fish and invertebrates following simple steps. As well this presentation includes the first part of our series "Marine fishes" Angel fish Part 1 which deals with one group of Marine Angelfish. There is a discussion on husbandry and requirements to keep marine angel fish healthy and perky for many years.

Courtesy of: [http://caoac.ca/speakers/frank\\_aguirre.html](http://caoac.ca/speakers/frank_aguirre.html)

pondexperts.ca

| Fish | Plants | Specials | Advice | Services |

**THE POND EXPERTS**

HYDROSPHERE WATER GARDENS



Find us on  
**Facebook**

[www.facebook.com/1Brass](http://www.facebook.com/1Brass)

## A LOOK IN THE C.A.O.A.C. POND

In our ongoing efforts to bring you, our reader, new and interesting content; we have sought out a great source...The C.A.O.A.C. (Canadian Association of Aquarium Clubs) newsletter! BRASS, as many of us know, is a Member Club of C.A.O.A.C. and is active in their community. Our President, Jeff, attends their meetings and is even their Futures Committee Executive.

C.A.O.A.C. produces a monthly newsletter with news, current events and the goings on of the club. They also feature interesting articles. We would like to share a **National Geographic** article they featured in their November 2016 newsletter. With an eye on current events, we thought it was fitting to feature.

To see more from C.A.O.A.C. newsletters visit their archive at: [caoac.ca/newsletter.html](http://caoac.ca/newsletter.html)

### **A Fish Called Obama—Newly Discovered Species Named for President** **In tribute to his marine conservation efforts in the Pacific, scientist names new species after Hawaii-born president.**



This fish will be named in honor of President Obama for his commitment to protecting nature through the expansion of the Papahānaumokuākea Marine National Monument.

PHOTOGRAPH BY RICHARD PYLE

**By Craig Welch**

**PUBLISHED SEPTEMBER 2, 2016**

MIDWAY ATOLL, Pacific Ocean—The maroon and gold creature was found 300 feet deep in the waters off Kure Atoll. It's the one fish known to live only within the Papahānaumokuākea Marine National

Monument, a pristine expanse of coral reefs and seamounts home to millions of seabirds, endangered turtles, endangered monk seals, and more than 7,000 species.

So scientists thought it only fitting to name this fish, in the genus *Tosanoides*, after President Barack Obama, who dramatically expanded Papahānaumokuākea in August 2016, creating the largest swath of protected land or water on Earth, an area roughly twice the size of Texas.

On Midway Atoll on September 1, 2016, with a Hawaiian monk seal watching from the beach, National Geographic Explorer-in-Residence Sylvia Earle—a persistent presence in conservationists' decades-long push to protect these pristine waters—presented the Hawaii-born president with a framed plaque of his new namesake marine species. ([Read our exclusive Obama interview.](#))

"Am I wrong here, or is there a familiar name in the middle of this?" Obama asked, as Earle handed him the rendering. "This is a nice-looking fish."

The species was discovered on June 5, 2016, during a research trip to Kure, the world's northernmost atoll. The atoll's deep-water reefs, among the jewels of Papahānaumokuākea, hold a special biological distinction: The 17 genera and 22 species that live on them occur only in the northwest Hawaiian

Islands, giving Kure Atoll the highest rate of marine endemism ever recorded. No other place in the sea has a higher rate of species found only there.



Dr. Sylvia Earle, National Geographic Explorer-in-Residence, presents President Obama with a picture of the fish that was named after him.

PHOTOGRAPH BY BRIAN SKERRY, NATIONAL GEOGRAPHIC

[Watch the video here](#)

Richard Pyle, a marine biologist with Hawaii’s Bishop Museum, was underwater when he first saw a group of orange-pink fish he didn’t recognize. Within minutes, he collected a male specimen for further analysis; a female specimen was collected a few days later by Bishop Museum affiliate Brian Greene at an atoll about 155 miles from Kure.

Later, Pyle and his colleagues confirmed that the fish represented a new species, the first member of the genus *Tosanoides* found outside of the waters off Japan. And on December 21, the scientists unveiled their formal description of the species in the scientific journal *ZooKeys*—officially naming the fish *Tosanoides obama*.

The male’s distinctive dorsal fin coloration, a circular red spot ringed with blue, hastened the team’s decision to honor Obama.

“It’s very reminiscent of Obama’s [campaign] logo,” Pyle says. “How appropriate that a fish we were thinking about naming after him anyway, just to say

thank you for expanding the national monument, happens to have a feature that ties it to the president.

“Every other fish we’ve documented up there also occurs in the main Hawaiian Islands outside the monument,” Pyle says. The new species “is kind of like the king of the kingdom of endemics.”

### **‘IT’S SUCH A GIFT!’**

Earle, a longtime champion of protecting marine areas, has spent countless hours diving among the sea turtles and walking alongside the millions of spectacular albatross on Midway. If she was excited to shake hands with the president on the atoll’s 1,200-acre Sand Island, the feeling certainly appeared to be mutual.

As the president approached her, the emerald sea behind them, he told Earle he had been reading about her decades of work trying to save the seas.

“I am in awe of anybody who has done so much for ocean conservation,” Obama said.

“It’s a good start,” Earle demurred.

“Listen, it’s better than a good start,” the president told Earle. “You’ve done amazing work.”

Earle used the opportunity to talk about not just the loss of shallow coral reefs around the world, but also about how the healthier deep coral reefs in places like Papahānaumokuākea can help stem some of the losses. But mostly she thanked the president for his work on the monument.

“It’s such a gift!” she told him, with a pump of her fist.

### **HONORING PRESIDENTS WITH FISH, BUGS, AND TREES**

This is the second time the president has had a fish named after him.

In 2012, scientists named a small aqua and orange speckled freshwater darter endemic to a few select drainages of the Tennessee River Etheostoma Obama. The researchers said they wanted to honor Obama for his environmental leadership, particularly on clean energy. At the time, they also named others of the more than 200 species of darters after former presidents Jimmy Carter, Theodore Roosevelt, and Bill Clinton. Another darter was named for former Vice President Al Gore, in honor of his work on climate change.

Many other U.S. presidents have had species named after them. There's a deer named for Roosevelt, often considered the godfather of the U.S. National Park Service, which celebrated its 100th anniversary last week. There's a tree named for Franklin Roosevelt and a palm named for George Washington.

Scientists must follow a rigorous procedure before earning the right to name a species they've discovered. First, they need to prove that the species is actually new by consulting with colleagues, researching historical literature, examining related specimens in museums, and scrutinizing DNA.

After that, if they're confident the species has not yet been named, they publish their findings in a peer-reviewed scientific journal.

Then they can select a name for posterity—perhaps reflecting a unique physical characteristic, the place where the organism was found, or honoring a real or fictional person. Scientists are expected to follow guidelines and rules, which are published by the International Commission of Zoological Nomenclature (ICZN).

Naming a new species “combines two of the most difficult types of writing: the technical description and the poem,” writes Judith Winston, a curator of

marine biology at the Virginia Museum of Natural History, who is on the board of the ICZN. That philosophy has yielded such memorable species as *Vampyroteuthis infernalis* (vampire squid from hell).

And, all names must be Latinized, which is why we have beetles known as *Agra schwarzeneggeri* (inspired by the beetles' resemblance to a body builder's bulging bicep, it's a tribute to actor Arnold Schwarzenegger, a former body builder and California governor) and *Agathidium vaderi* (in honor of the infamous Star Wars villain, Darth Vader).

For his part, Obama also has a trapdoor spider, a species of lichen, a puffbird, a parasitic hairworm that infects crickets, and an extinct lizard called Obamadon named after him.

Other government officials also have inspired new species names in recent years. In 2005, Quentin Wheeler, director of the International Institute for Species Exploration in Arizona, named three species of slime mold beetle after then President George W. Bush, his vice president, Dick Cheney, and his secretary of defense, Donald Rumsfeld. Wheeler said he meant it as a compliment.

*Michael Greshko and Mark Strauss contributed to this reporting.*

*Editor's note: This piece has been updated to reflect the location where the female specimen was collected. On December 21, 2016, this piece was updated further to include the formal scientific description of the species.*

To see this article:

<http://news.nationalgeographic.com/2016/09/new-midway-hawaii-fish-named-obama/>

**The Tropical Fishroom Ltd.** Brantford

Please support the businesses that supported our club through donations for our auction.

### BRASS Executive

President	Jeff Mountjoy
Vice President	Doug Fleming
Past President	Doug Smith
Secretary	Kara Fleming
Treasurer	Bonnie Smith
Programs Co-ordinator	Udo Rohmann
BRASS Editor	Ken Parkes

# DOOGANS

## PET CENTRE

Kozlov Centre, Barrie

[DoogansBarrie.com](http://DoogansBarrie.com)



**AQUEON**  
*It's all about the fish.*



[staynerpetcentre.com](http://staynerpetcentre.com)

### Committee Chairs & Representatives

Librarian	Spenser Gervan
Breeders Award Program Chair	Doug Best
CAOAC Representative	Jeff Mountjoy
Auction Committee Chair	Udo Rohmann

If you're interested in sponsoring BRASS and have us advertise your business in our BRASS Bulletin, please contact us:

[BRASSBulletin@gmail.com](mailto:BRASSBulletin@gmail.com)

## WHAT'S ON THE WEB?

For this edition of *What's on the Web?* we have decided to take a look at arguably the most influential aquarium related person on the web. This person has given much to the aquarium hobby, making content on the internet almost daily for years! He has written a book and helped thousands keep their hobby costs down with his instructional YouTube videos. In fact he has the largest subscriber base of any aquarium related You Tuber in the world. He is no other than the King of DIY, Joey Mullen!

There was no way this series could go very long without talking about UaruJoey! We will take a quick look at his book, highlight some of his YouTube videos and look at some of the other things he has on the web. But before we get to any of that, we would like to tell you a little about The King.



Photo of The King of DIY  
[www.facebook.com/UaruJoey](http://www.facebook.com/UaruJoey)

Joey really enjoys his hobby. He likes to keep some pretty big fish. Asian arowana and freshwater sting-rays are among his favourite. He lives in Truro, Nova Scotia. Yes, the King of DIY is Canadian! It's important to note the fish he likes to keep and where he lives, because he lives far from a large city and therefore, an abundance of aquarium shops. So



Photo of Joey's DIY 375 Gallon Asian Arowana Aquarium  
From his [3D Aquarium Background Video](#)

going to the aquarium store is time consuming and expensive. It's made even more expensive by living in Eastern Canada, where everything cost a little more. Big tanks for big fish aren't exactly in high demand either. The good news for him is that he lives near a hardware store and he's handy. This enables him to be creative in making things for his hobby. See, Joey is a problem solver. He has used his skills to make all kinds of aquarium related projects. He has shared his experiences and what he has learned with the world on the internet.

### YouTube

The King of DIY's YouTube channel can be found here:

[www.youtube.com/user/uarujoey](http://www.youtube.com/user/uarujoey)

To receive updates, click 

This is what Joey is best known for, DIY aquarium videos. Though, over the past year, he has ventured into other aquarium related topics. We will speak more on that soon.

Every Sunday, he post a new DIY video. The subject differs in each video. One Sunday he could talk about how to build an aquarium or stand, the next week he might talk about filtration or how to make your own fish food. Every week is something new. If there is something to build for your aquarium, chance are he's made a "How To" video for it.

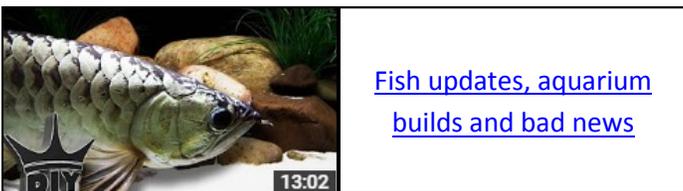


HOW TO:  
[DIY Canister Filter Tutorial](#)

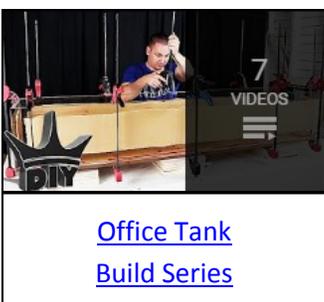
HOW TO:  
[Build A Large Aquarium 1/6](#)



Previous to 2016, Joey was producing one instructional video a week. But last year he doubled his output and started producing Thursday videos as well. These videos are less “How to” in nature. They are a little more personal and fun. Here Joey talks about his tanks, he shows the viewer a little about how he makes his content and he even vlogs his time at aquarium events. He also interviews other aquarium professionals or hobbyists and does fish room tours.



Joey built a 375 gallon acrylic aquarium for his Asian arowana out of four foot by eight foot 3/4 inch cell cast acrylic. This, of course left him with a lot of leftover acrylic. Instead of throwing it out, he decided to do what else? Make more aquariums! He made a long narrow office tank for Tanganyikan shell dwellers. He also made a two foot planted cube and a nano planted tank. He made each of these builds into their own series of videos, where he showed viewers not only how he built the aquariums, but also how he built the stands, filters and lights. He really made fantastic use of that acrylic!



One of Joey’s best build videos is of him making an aquarium with a 360 degree camera placed inside while he builds it. The camera is able to film in all angles. You control what you see in your window. The camera quality is not his best, but the concept is *really* cool and super fun to watch. It’s like you’re sitting inside the tank, while he builds it around you!



The Ultimate DIY Hand-  
book

As stated earlier, Joey not only produces all kinds of videos to help you “do it yourself” and keep your hobby costs down, he has also made a book. It’s available in paperback or if you want it on the go, you can also download the digital version. His 500+ page book covers:

- How to build aquariums
- Stands and canopies
- Floor bracing
- Filtration
- Plumbing
- Lighting
- DIY Decorations
- Food

This how to book isn’t free. But if you’re looking for what The King of DIY offers in print, this might be exactly what you’re looking for...

Go to: [thekingofdiy.com](http://thekingofdiy.com) for more info.

## Where else to find The King of DIY

If you're interested in seeing more of Joey, you can visit his Facebook page. He is constantly updating his fans, posting pictures and videos. He often goes live on video and you can chat with him while he's doing whatever he might be doing at the time.

Find his Facebook page here:

[www.facebook.com/UaruJoey](http://www.facebook.com/UaruJoey)

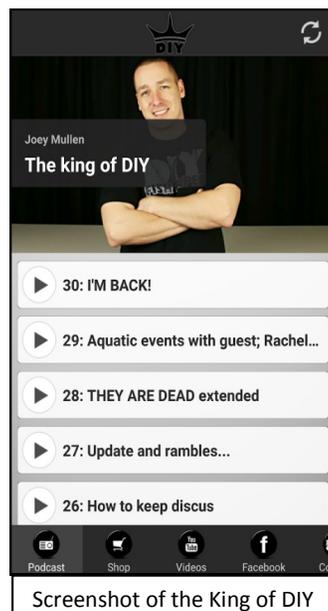


Photo from The King of DIY's Facebook page

## He Has an App?!

Yes, The King of DIY has an app. It's available for IOS and Android devices through the iTunes App Store and Google Play.

If you want to follow Joey and know what he's up to, there really isn't any better way to do it. He keeps his users up to date with his YouTube channel and his Facebook page. He even has a podcast that he updates from time to time. You can always get in touch with him through his app too. Best of all, it's free!



Screenshot of the King of DIY

Well, that's The King of DIY. He's a busy guy, always producing content for the average and avid aquar-

ium hobbyist. If you have ever Googled how to do build something aquarium related, you have likely run into one of his videos.

We hope this article has shown you that Joey is more than just the YouTube DIY aquarium guy. His videos are informative, easy to follow and always promptly released on Sunday and Thursday. His new content allows you to get to know him and you can tell he's having fun with it. If you're looking for somebody to watch on YouTube, you can't go wrong with UaruJoey. He's always on Facebook and if you message him, don't be surprised if you get a response. Plus, the guy has an app...Who else on the internet that does aquarium stuff has that?!

Joey makes great quality videos that are informative, easy to follow and useful. He also produces other content that showcase other parts of the aquarium hobby. He is by far the most popular aquarium YouTuber, and he is taking the aquarium world by storm. Thanks for what you do Joey.

Written by: Ken Parkes



## BRASS Bulletin Board (Buy and Sell)

**Want to buy, for sale, want to borrow etc...?**

If you have something you want on the BRASS Bulletin Board, send your information to:

[BRASSBulletin@gmail.com](mailto:BRASSBulletin@gmail.com)

## FLEMING COLLEGE IS LOOKING FOR AQUARIUM EQUIPMENT!

Facebook post to Durham Region Aquarium Society below



Ron Hill ▸ Durham Region Aquarium Society

Hello all, my name is Ron Hill, I work at Fleming College in Lindsay Ontario as a fish hatchery technician attached to the salmon hatchery and the aquaculture program here at the college. As part of our expansion this year we are beginning an aquarium program where students will learn the basics of ornamental fish, invertebrate and plant culture. We are unfortunately starting bare bones. We have a good amount of tanks and a good racking system but not much else. I am on the hunt for unwanted equipment- filters, heaters, light hoods and lights, tools and gravel or ornaments that are unwanted or too ugly for your setup. If anyone would like to donate to our cause



it would be greatly appreciated. We can also entertain some great deals on equipment. Once the program is up and running we will be actively trading off our organisms as we run out of space... really exciting time here at the college. Please let me know if anyone can help us get kick started. Thanks

To view post and to help by donating, visit:

[https://www.facebook.com/photo.php?](https://www.facebook.com/photo.php?fbid=10158166465065372&set=gm.1017907468314070&type=3&theater)

[fbid=10158166465065372&set=gm.1017907468314070&type=3&theater](https://www.facebook.com/photo.php?fbid=10158166465065372&set=gm.1017907468314070&type=3&theater)

### **BRASS IS LOOKING FOR A WEBMASTER**

If you're interested, please get in touch with Jeff Mountjoy, BRASS President.

### **WE NEED VOLENTEERS FOR THE 2017 BRASS AQUARIUM AUCTION!**

If you're interested, please get in touch with Udo, Auction Committee Chair.

From The BRASS Library

Sign out magazines like this from the BRASS Library. See Spenser if you're interested



We hope you enjoyed this month's BRASS Bulletin. Please send feedback to [BRASSBulletin@gmail.com](mailto:BRASSBulletin@gmail.com)

Also, if you have any articles you have written or would like to share, please feel free to send them too!

We are always looking for more input from our membership.

Thanks for reading!