

Volume 2, Issue 12

# HAPPY NEW YEAR:

and what a year it's been...

By Karen Hammer

Hello Volunteers, and Happy New Year! Looking back at the year I hope you have smiles the size of saucers, you have worked so hard on many fun and exciting projects. This past year has been a busy one and without your help we would have never been able to accomplish what we have. As I look at the graph below, I feel proud to help facilitate your community relationship with the Gardens! You are experienced, effective, exceptional and essential to our everyday growth!



# EDUCATION DEPARTMENT UPDATES

# By Kristy Schmitt

What a wonderful 2015 it's been for the Gardens. I've finished the year end number report for 2015 last week and WOW! We've had the best turnout yet for Education Programs. Overall 15,582 adults and children participated in an education program either at the Gardens of offsite this year. How incredible! Of course, we wouldn't be able to have such great successes if it was not for our wonderful volunteers. ©

These numbers account for all programs led by the Gardens that have some sort of educational component. This includes handson school programs, guided tours, adult classes such as horticulture

and art, summer camp, the Fairy Festival, Plantasia, kids Birthday parties, special needs programs, Wegmans Family Day, Santa's Workshop, Kids Day and a wide range of offsite and outreach programs.

This year we also had sixteen grant funded schools visit us for a free program. Due to generous donors and granting organizations, Jolene sends out applications for classrooms to apply for a free, all expenses paid trip to the Gardens for one of our hands-on lessons. We bring as many schools as funding allows.

Jolene is continuing to book for 2016's grant groups after the Gardens has received a number of grants from various organizations including the Buffalo Bills Youth Foundation, National Grid and the JM McDonald Foundation.

We are looking forward to 2016 with a number of groups already on the schedule. Be sure to check out the most recent Under the Dome for our adult program offerings, including the return of many popular programs and some exciting new offerings as well!

Let's make 2016 the best year yet!

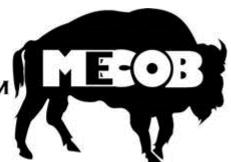


# WHAT IS MECOB?

# By: Kristy Schmitt

MECOB stands for the Museum Education Consortium of Buffalo. Representatives in education departments from each member cultural organization in Buffalo meet regularly at member institutions to discuss relevant topics within the museum

# MUSEUM EDUCATION CONSORTIUM OF BUFFALO



education field, work to bring professional development workshops and field trips to docents and spread the word about available program opportunities for teachers, students and families at member institutions throughout Western New York.

Visit MECOB's website for more information on member organizations:

museums4buffalo.org

Member institutions include: Albright-Knox Art Gallery, Buffalo and Erie County Botanical Gardens, Buffalo and Erie County Naval and Military Park, Buffalo History Museum, Buffalo Society of Natural Sciences (Buffalo Museum of Science and Tifft Nature Preserve), Buffalo Zoo, Burchfield Penney Art Center, Darwin Martin House, Forest Lawn, Theodore Roosevelt Inaugural National Historic Site and the Whitworth Ferguson Planetarium. MECOB is currently

expanding to welcome Associate Members for museums and cultural institutions that fall outside of the City of Buffalo to include all of Western New York.

MECOB has been instrumental in assisting with docent training, program updates, professional development and networking. As an education volunteer as part of the Gardens, docents are able to register for workshops held in spring and field trips held in fall. Our last workshop was held at Tifft Nature Preserve on the topic of bringing objects to life through interpretation. Our two most recent field trips have been to the Richardson Complex this past fall, and last year on a walking tour of historic buildings in downtown Buffalo including the Guaranty Building and City Hall.

Currently, MECOB is working on building the Associate Membership program, developing tools and a program called "Thinking Beyond the Field Trip" for college students and professors in the education field to learn to use culturals effectively and working to develop the next exciting workshop program for this coming spring!

Recently, Sharon Reader, Donna Ludwig and Joanna Langarek attended the National Docent Symposium to glean more information on relevant topics, network, etc. The Gardens learned about this opportunity through its involvement in MECOB. MECOB membership has also been instrumental in helping to build cross-cultural programs and education workshops between a number of institutions including the "Science in Bloom" summer workshop with the Buffalo Zoo and Science Museum and a past Science Café lecture program with the Burchfield Penney Art Center.

















# EDUCATION DEPARTMENT UPDATES

# **UPCOMING WEGMANS FAMILY DAYS**

# January 16 - Let it Snow

Celebrate winter in Buffalo while warming up at the Gardens. Enjoy snow cones and snowman bananas while creating a blizzard of creative crafts.

# February 20 - Rainforest Exploration

Take a break from the cold weather and spend a day exploring the rainforests in the Gardens. Taste some tropical fruits while learning about plants of the rainforest. Then create some rainforest crafts to take home.

# March 19 – Spring Celebration

Celebrate the first day of our Spring Exhibit while making a number of spring inspired crafts. Make some seed bombs to take home as well as a plant stake to decorate your garden.

# April 16 - All About Trees

Celebrate both Earth Day and Arbor Day this month while learning all about trees! Create your very own tree sculpture and make art with pinecones, leaves, and other parts of trees.

# May 21 - Extraordinary Pollinators

Learn about why pollinators are so important to the environment and our food supply. Recreate the lifecycle of a butterfly and bring home a bird feeder to attract birds to your garden.

### June 18 - Desert Adventures

Explore the ways that plants have learned to survive in the desert while visiting the cacti collection at the Gardens! Taste fruit from the desert, craft some fabulous desert creations, and take home your very own desert plant!







# EDUCATION DEPARTMENT UPDATES

# **DOCENT AND EDUCATION MEETINGS**

Docent meetings have been moved to four months a year. We will meet in February, April, June and October. At each meeting, docents receive relevant updates both within the Education Department and Gardens-wide. Meetings are supplemented with special topics relevant to docent-ing.

Our next meeting is Wednesday, February 3 at 10am in the Administration Building upstairs.

April: Wednesday, April 13 at 10am

June: Wednesday, June 8 at 12:30pm \*End of School Year Potluck\*

October: Wednesday, October 5 at 10am

# MAKE A FUN FLORAL PEN!

You'll need: a pen, silk flowers, wire cutters, floral tape, scissors, and glue

- 1. Find a plain, cheap ball-point pen that is in need of a facelift. Take the cap off and recycle it. It might be challenging to cap after wrapping.
  - Next, find a silk flower or two. Make sure there are no leaves along the stem. You'll want to trim the stem down to a couple of inches.
- 3. Align the stem of the flower or flowers with the pen,
   with the top of the flower just above the top of the
   pen.
- 4. Starting at the base of the pen, wrap floral tape around the stem and the pen. The tape will stick to itself when stretched so pull the tape fairly tight.
- 5. Wrap the tape all the way up to the top of the pen. Trim the excess and secure the ends with some glue.
- 6. For cute desk décor or to package as a gift, store your floral pens in a terracotta pot!

# **BOTANICAL RECIPES:**



<u>Hot Potato!</u> What's cooking in the Kitchen of the beautiful Shirlein Schwartzott!

# Best Ever Potato Soup

- 6 bacon strips, diced
- 14.5oz chicken broth
- 1/2 chopped onion
- 1/2 tsp celery seed, salt, pepper
- 3 cups milk
- 2 green onions thinly sliced
- 3 cups peeled cubed potatoes
- 1 small grated carrot
- 1 Tablespoons parsley
- 3 Tablespoons flour
- 8oz cubed American cheese

### Directions

Cook bacon until crisp. Add potatoes, broth, carrot, onion, parsley, celery seed and salt/pepper. Cover and let simmer until potatoes are tender, about 15 mins. Combine flour and milk until smooth, add to other ingredients. Bring to a boil. Add cheese and stir. Garnish with green onions.



# **BLUE CHEESE POTATO GRATIN**

- 4-6 potatoes
- ½ cup heavy cream
- 8oz crumbled blue cheese

# **Directions**

- Microwave or boil potatoes until slightly softened
- 2. Slice potatoes thin & layer in casserole dish
- 3. Pour about a half cup of heavy cream evenly over potatoes
- 4. Sprinkle blue cheese on top
- 5. Place in oven (375°) until slightly browned



Makes 4-6 Servings.

# PLANT OF THE MONTH: PRICKLY PEAR CACTUS

# By: Corrine Arcangel

When giving a tour in the Desert House (House 4), I always stop at the Prickly Pear Cactus to point out the textures and color it offers our visitors. This towering specimen (Genus Opuntia) is found in all of the deserts of the American Southwest and can grow six to seven feet tall. When you look at the Prickly Pear, you will see big pads and little pads, prominent spines, bright yellow flowers and purplish fruit. The fleshy pads look like large leaves and can vary in width, length, shape and color. The pads are actually modified branches or stems that serve several functions – water storage, photosynthesis and flower production. Like other cactus, most Prickly Pear have large spines which are actually modified leaves. They grow from small wart like projections on their stems called tubercles and can be quite painful and difficult to remove from your skin if you accidently make contact with them.

If you are looking for another "fish" in the Gardens, look no further than the Prickly Pear! The fruits of most prickly pears are edible and sold in stores under the name "tuna". They are a popular source in the Southwest for making jams, jelly, candies

and nectar. Prickly Pear pads are also edible. They are cooked and eaten as a vegetable.

There has been medical interest in the Prickly Pear cactus. Some studies have shown that the pectin contained in the Prickly Pear pulp lowers levels of "bad" cholesterol while leaving "good" cholesterol levels unchanged. Both fruits and pads of the Prickly Pear cactus are rich in slowly absorbed soluble fibers that may

help keep blood sugar stable. One study found that the fibrous pectin in the fruit may help people with diabetes by lowering the need for insulin.

Next time you walk thru the Desert House, make sure you take an extra moment to appreciate all that this wonderful plant has to offer.



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# Photo by: Todd Zintz

# Turn off the lights!

# It's Lumagination Time

# The Gardens needs your help!

Wednesday – January 27th – 5:30pm to 9:30pm Thursday – January 28th – 5:30pm to 9:30pm Friday - January 29th - 5:30pm to 9:30pm Saturday – January 30th – 5:30pm to 9:30pm \* Tuesday – February 2nd – 5:30pm to 9:30pm Wednesday - February 3rd - 5:30pm to 9:30pm Thursday - February 4th - 5:30pm to 9:30pm Friday - February 5th - 5:30pm to 9:30pm Saturday - February 6th - 5:30pm to 9:30pm Wednesday – February 10th – 5:30pm to 9:30pm Thursday - February 11th - 5:30pm to 9:30pm Friday - February 12th - 5:30pm to 9:30pm Saturday - February 13th - 5:30pm to 9:30pm Wednesday - February 17th - 5:30pm to 9:30pm Thursday - February 18th - 5:30pm to 9:30pm Friday - February 19th - 5:30pm to 9:30pm Saturday - February 20th - 5:30pm to 9:30pm \*PHOTO NIGHT

Let the Program & Volunteer Coordinator know if you can help!



# We need your help! Wegmans Family Days 9:30am-2pm

January 16 – Let it Snow
February 20 – Rainforest Exploration
March 19 – Spring Celebration
April 16 – All About Trees
May 21 – Extraordinary Pollinators
June 18 – Desert Adventures

# Like to take photos or have a story to tell?

This newsletter is run by you, let us know what you want to see! We need articles and pictures for the next newsletter and newsletters to come! Please let contact Karen Hammer if you are interested in contributing to the Volunteer

Under the Dome!

# **BOTANICAL GARDENS HISTORY**

# By: Bob Snyder

Continued from last issue.....

The "Blizzard of 77" wasn't the only storm to hit the Botanical Gardens while O Burke Glaser was in charge. The city of Buffalo was struggling financially and officials at city hall began complaining about the \$450,000 annual Botanical Gardens budget. In addition to that the building itself was once again in deplorable condition. There was talk of closing the Conservatory and razing the building. Local newspapers repeatedly carried stories about what was going to happen to the Botanical Gardens. The public became aroused. A "Save the Conservatory" campaign came together and began to gather interest. Soon botanists, horticulturalists, gardeners, and concerned citizens from all over Western New York united to save the Conservatory and everything that was in it. The public turned to Erie County for help. The County was barred by law from spending money on city owned property, so the funding

problem was finally solved when Erie County agreed to purchase the Botanical Gardens and the Conservatory.

The October 5, 1980 edition of the Buffalo Evening News had a story about the sale of the Buffalo Botanical Gardens to Erie County. In attendance at a ceremony that took place at the Gardens, on a rainy Saturday afternoon, was Buffalo Mayor Jimmy Griffin, his six year old son Tommy and Erie County Executive Ed Rutkowski. Tommy was the first to notice that rain was leaking into the building. "Daddy it's leaking" he shouted. "Shhh," the mayor deadpanned. "We haven't sold it yet." That brought the crowd, including the intended buyer, county executive Rutkowski, to burst out laughing. Mr. Rutkowski's retort: "I think I want my dollar back." The paper work was completed and the title was formally transferred on July 1, 1981. The Buffalo Botanical Gardens was renamed The Buffalo and Erie County Botanical Gardens thus ending the City of Buffalo's 80 year ownership.

Sadly, Mr. Glaser retired on March 31, 1989. He passed away on February 14, 2014.





HANGE — Mayor Griffin, left, accepts an size \$1 check from County Executive Rutatian as a token payment for the Sough Park which will assume responsibility for its operation.



By: Susan Maas



"What am I?" is a new "Volunteer Under the Dome" series aimed at challenging our knowledge and love of plants at the Buffalo and Erie County Botanical Gardens. Each release of this series will feature information on a plant at our conservatory with clues such as the growing origin, foliage or fruiting description, and unique characteristics. The challenge is for you, the reader, to determine what this plant may be. Answers to each challenge will be included in the following "Volunteer Under the Dome" release. Comments and suggestions for improvements are always welcomed. So let's get started with the current challenge!

# What am I Challenge

I am an evergreen that grows quickly with height typically 20 to 40 feet and with a spread of 20 to 25 feet. My gray/green double-lobed leaves of 6-8 inches in diameter provide significant shade however, I am mainly sought after for my very showy flowers. I like full sun on well-drained soil and I am very drought-tolerant. Although a member of the Pea family, I am sterile so propagation is by cultivation. I was discovered around 1880 and it is professed that all propagated starts are clones from the original plant.

Answer in the next issue.



# GETTING TO KNOW RICH MYERS

Meet Rich Myers. Renaissance Rich started as a horticultural volunteer two years ago but he also lends a hand for the maintenance department. If you see a non-leaking hose reel it has likely been fixed by Rich. The covers for the heaters in the dome are also an example of his handiwork. His favorite area, located by the gazebo, is the cotton candy tree bursting with fresh aroma.

Away from the Gardens Rich likes to draw with pen and ink and makes his own wine. He also volunteers as a tutor at a local high school teaching math and earth sciences. Smile! You could also see Rich taking wonderful pictures that are often used in Gardens publications! His favorite activity though is to spend time with family and grandchildren.



# <u>a interview of a horticultural mastermind</u>

By: Bob Snyder



David grew up on a farm in Eden, NY. He studied horticulture at S.U.N.Y. Cobeskill, was a wholesale florist account executive and then became a horticulture professor at S.U.N.Y. Niagara County Community College.

David started out filling in for 2 make-and-take classes at The Gardens in 2008 at the invitation of former Education Department director Lynn Wieser. He went on to do a plant propagation classes in the garage, and carnivorous plant classes in the basement. That led him to create the 20 class horticulture certificate series now offered at The Gardens. He does horticulture presentations on the national level for botanical organizations and garden groups including Phipps Conservatory and Botanical Gardens in Pittsburgh, PA., The West Coast Spring Garden Show in Costa Mesa, CA. and last March at the North East Floral Expo in Groton, CT. He is a regular presenter at the Plantasia Landscape and Garden Show, Lockwood's Greenhouses in Hamburg, NY, Urban Roots and Grass Roots Gardens, both right here in Buffalo, along with Master Gardeners, herb societies, The S.O.L.E garden in Hamburg, NY and New York State garden clubs.

David enjoys writing articles for gardening publications. He has a television/video/internet presence including interviews on Connie Stofko's Buffalo-NiagaraGardening.com, "GardenChat" with Bren Haas and Adam Cortell; education podcasts with Dave Ledoux' "Back To My Garden", Bog Gardening and Carnivorous plants with Kim Eierman of "EcoBenefical", and a horticulture education interview with Michael Warren Thomas' "Savor Life" on WYSL radio.

The things he likes to do at the Gardens include volunteering at events such as Starry Night in the Garden, Gala at The Garden, being on the speaker board for the Pollinator Festival, and especially the educational opportunity where he gets to speak to gardeners from all around western New York. One of his favorite presentations was at our science café: "Innuendo – The Strange Sex Lives of Plants"...it was quite racy!

In his spare time David enjoys traveling, touring the local gardens on our many Garden Walks, crafting incenses, and learning about aromatherapy.

David Clark is a talented person who makes events at The Gardens exciting. I have seen him in action at Lumagination, The Gala, Starry Night, The Victorian Tea and for docent training. Bravo

David! Thanks for volunteering with us.

Visit David @ www..davidclarkwny.com

OR Look up David on www.greatgardenspeakers.com

# EXPECT THE UNEXPECTED: SNOW



By: Karen Hammer

This year for our Holiday Poinsettia Exhibit staff members, plant societies and volunteers helped to plan and decorate all of our wonderful Houses in the conservatory. It was a blast coming up with ideas and figuring out what might work and dazzle spectators. Each House was different and exciting, but snow was the underlining theme. Each House had a display of snow in some form or another, either hidden or in plain sight! Guests loved the exhibit this year, and wonder what we will think of for 2016. If you have any ideas

or input, please share with staff when you can!



Form oved c of

2016 WEDDING OPEN HOUSE

By: Beth Walkowski



Did you or someone you know recently get engaged? Are you planning a wedding or a bridal shower? Then you should consider having your event here at the Botanical Gardens! The Wedding open house last Thursday, Jan 14th, went great, giving brides the opportunity to view our beautiful facility and see what we can do to make their wedding dreams a reality. Brides were able to see this unique facility and how the rooms can be used for their wedding, but we also had our caterers available for guests to meet and sample some of their delicious cooking. In addition to several of our current caterers, we are pleased to welcome the staff from The Tonawanda Castle and Country Club Caters! Marisa of Be Sweet Designs was amazing, showing what they can do to create a dream desert table for events! Michelle from Gala Parties, Inc. had a fabulous array of rental linens to add that special touch to an occasion at the open house as well!

# Book from January 10 - February 10 and receive a 20% rental discount. An unbelievable savings!!

Register today by contacting Julie Mogavero, Weddings and Special Events Coordinator (716) 827-1584 Ext 220 - jmogavero@buffalogardens.com

# WORKING HARD:

We love our volunteers, and we decided to give our Gold Star volunteers, people who have worked over 250 hours, a new name tag for the New Year! Thank you Ladies and Gents, it's the least we can do!

Jealous? You can earn one too, it takes hard work and dedication but when you



do the math it's simple. To achieve Gold Star status you would have to volunteer at around 5 hours a week or 20 hours a month. Not that bad when you think about it! Come on reach for those Gold Stars!

# <u>POINSETTIAS:</u> <u>Keep or compost</u>

# By: Linda Mayer

At this time of year we get questions about this traditional Christmas plant. Can I get it to rebloom next year and will it bloom for a long time, are the major questions. The short answer is yes to both but it takes planning.

**Light**: the best is a E,W window. They are tropical plants and like lots of indirect light.

**Water**: water only when the top 2" is dry and do not let it sit in water, ever. Over watering will bring leaf drop.

**Heat**: 70 to 79 degrees is ideal but they will tolerate 65 degrees at night. Avoid drafts from windows or even hot air.

**Humidity**: If your house is dry in the winter you may have to water more frequently, check the soil.

In April you can gradually decrease the watering but do not let dry out. In May cut back the stems by 4" and repot with fresh soil. Water well and give it lots of light. Once new growth appears fertilize and move outside to a sheltered area with

partial shade. Continue watering and fertilizing. In July cut back each stem by at least 1" to encourage a balanced plant. In August pinch back each stem to 3-4 leaves per stem. Continue watering and fertilizing and bring indoors mid- month to you brightest window. In first week of October begin prepping the plant to rebloom. This takes 8-10 weeks. Poinsettias are short day bloomers. Buds develop during short sunlight days. Keep the Poinsettia in

complete darkness from 5 p.m.-8 p.m.. A closet is best or enclose in a box or bag, whichever is easiest. NO light what so ever. Exposure to light will delay blooming. Move the plant back to the sunlight during the day and keep watering. Continue until the end of November, then bring out to the sunlight all day. Stop fertilizing and continue to water as before. Blooms should be starting to appear.









Gardens Volunteers contribute their exceptional abilities and
expertise to benefit our ever-growing community and
recognize and share our mission of advancing appreciation for
and knowledge of plant life and its connection to people and
cultures through its documented living plant collection,
historic conservatory, education, research and exhibits.

# STAFF DIRECTORY

CALL 716.827.1584 IF YOU HAVE QUESTIONS

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