



AIR & WASTE MANAGEMENT  
ASSOCIATION  
NIAGARA FRONTIER  
SECTION

**Don't forget to renew  
your membership**

- Renewal forms are available at our dinner meetings and on our website.  
[www.awmanfs.org](http://www.awmanfs.org)

**Inside this issue:**

TSC Meeting	p 2
Scholarships	p 2
Membership	p 3
Future City	p 4
Environ	p 5
DEC Camp	p 6
DEC Camp	p 7
Seminar	P 7

# THE RELEASE

Vol. 30 No. 1 March 2015

Joseph Pietro—Editor

## Message from the Chair

**Paul Van Kerkhove**

In the last newsletter in early December, I stated that it was safe to say that winter had arrived before its official start. Well after the coldest month recorded in Buffalo's history, I hope it decides it's time to leave. We now start the home stretch of the 2014-2015 program year for the Niagara Frontier Section of the Air & Waste Management Association (A&WMA-NFS). Next up is the joint meeting of the Technical Societies Council of the Niagara Frontier (TSC) in mid-March. Then we have the A&WMA-NFS April and May meetings. I hope to see you at these meetings.

In January, the A&WMA-NFS annual enrichment seminar was held at Templeton Landing. The seminar again was a great success as we had several informative and interesting speakers present on different aspects of sustainability. We also had Erie County Executive Marc Poloncarz provide our key note address. On behalf of the board, I want to thank all of the sponsors and exhibitors who contributed to this event. I also want to thank the committee members who did such an outstanding job of organizing, especially to Patrick Filey for once again leading us as the seminar chair. Through everyone's effort, the seminar raised over \$6,000 to be used in for educational programs, including DEC camp scholarships, Earth Day grants, and college scholarships.

Finally, I want to make an appeal to all of our members to consider becoming a director of the A&WMA-NFS board for the 2015-2016 program year. The terms of three of the directors of the A&WMA-NFS board expire later this year in August. Therefore, we are currently seeking candi-

*(Continued on page 3)*

## Next Meeting

### TSC Joint Meeting

Topic: *The Collaborative Human-Robot Team, The New Work Force*

Date: **Wednesday, March 18, 2015**

Time: Cocktail social hour starts 5:30 pm

Cash Bar, Dinner at 6:30 pm

Location: Salvatore's Italian Gardens

6461 Transit Road, Depew, NY

Costs: AWMA International Member – \$30, Non Member of AWMA NFS – \$35, Student – \$10

**For More Information see Page 2**

**TSC Joint Meeting****Jim Strickland****TSC Joint Dinner Meeting**

**Topic:** *The Collaborative Human-Robot Team, The New Work Force*

**Date:** **Wednesday, March 18, 2015**

**Time:** Cocktail social hour starts 5:30 pm

Cash Bar, Dinner at 6:30 pm

**Location:** Salvatore's Italian Gardens

6461 Transit Road, Depew, NY

**Speaker** Ron Brown... See bio below.

**Speaker Information**

Competitive pressures drive industry to continuously innovate and develop new products and processes. Today, more than ever before, companies are integrating robots to help meet these challenges. Robot manufactures are relentlessly developing new robotic capabilities to meet the demand for innovation.

"The Collaborative Human-Robot" is one of the new class of robots that is just now coming out of the laboratory onto the factory floor. Until now robots required costly safety guarding to protect humans. The collaborative robot has no safety guarding but rather new technology to make it safe for humans to be in the same proximity as the robot. This allows humans to work alongside the robot as a team. In this team the robot would be assigned tasks that are tiresome or repetitive while the human would concentrate on tasks that require dexterity or ingenuity. We will explore some of these new safety technologies and some of the current and potential applications of the Collaborative Human-Robot Team.

**Cost:** \$30 per person members

\$35 per person non-members/guests

\$10 per person student

**Credits for Education:** 1 PDH, pending

**Reservations:** *Reservations and entree selections are due no later than Friday March 13th. We encourage you to make reservations via the A&WMA-NFS website: [www.awmanfs.wildapricot.org](http://www.awmanfs.wildapricot.org). If the website is not available, please respond to [awmanfsreservations@gmail.com](mailto:awmanfsreservations@gmail.com) to make a reservation*

**Entree Choices:** Chicken Parmigiana / Penne ala Roma / Poached Salmon / Prime Rib 10oz

**Scholarships****Eric Warren**

Applications for the Dave Sauer Scholarship (for graduating High School Seniors) and AWMA College Scholarship are available on our website.

<https://awmanfs.wildapricot.org/page-1665028>

The application due dates are as follows:

Dave Sauer Scholarship - April 15, 2015

AWMA College Scholarship - April 15, 2015

**Message from the Chair (continued from page 1)****Paul Van Kerkhove**

dates for these three positions. The board elections will be conducted in April via e-mail ballot. I think it is great experience for A&WMA members to participate on the board. Not only does it improve networking with business associates, it provides a great opportunity for members to share their skills and to improve the operation of this great organization. If you are interested in becoming a candidate, please contact me or any of the board members.

Thanks again and stay warm.

**Membership****Timothy Bathory**

Good news! The Niagara Frontier Section has been recognized by AWMA International for superior membership performance in 2014. This award is based on membership development and retention, and creative or innovative membership development programs. A big thank you goes out to all of our members as well as past Membership Chairs Paul Van Kerkhove and Mike Emery for all of their hard work. Our current membership, which includes over 120 local and international members, would not be where it is today without their efforts.

You can check membership status, find a copy of the membership application or renew your membership on the website (<https://awmanfs.wildapricot.org/>).

If you renew online, please e-mail the complete application to [awmanfsmembership@gmail.com](mailto:awmanfsmembership@gmail.com).

You can still print out the membership application from the website and pay at any meeting or use US Mail (A&WMA-NFS Membership; P.O. Box 357; Buffalo, NY 14226).

Membership categories and dues are:

Local Affiliate Member	\$35
Local Affiliate Member [Full-Time College Student]	\$10
International Member	\$195
International Member [Young Professional - 35 or younger]	\$98
International Member [Full-Time College Student]	\$35
Corporate Sponsor*	\$325
Web Sponsor*	\$500

\* Corporate Sponsor includes an International Membership for one person and a local affiliate membership for a second person.

I can be reached at [awmanfsmembership@gmail.com](mailto:awmanfsmembership@gmail.com) or 432-6532 if you have questions or need help.

Tim Bathory, Membership Chair

# Future City

Hal Pierce

The AWMA 2014 ENVIRONMENTAL POLLUTION PREVENTION AWARD was presented to:

Transit Middle School for its city – Occulta Glacies

This school was picked by judges – Rick Allen, Gary LaLiberty, and Hal Pierce - at this year’s annual Future City Competition and Award Ceremony held at Mount Saint Mary Academy on January 24, 2015.

The theme of this year’s program was to select one vegetable and one protein and to grow enough within the future city to feed its citizens. Their Vegetable was Kale and their Protein was Giant Water Beetles.

This city used vertical Aeroponic Green Towers for growing their Kale. They sprayed their exposed roots with Nutrient Filled Mist. They treated their waste with Coconut and Bacteria to make Compost.

The Niagara Frontier Section of A&WMA has been one of the proud sponsors of this program for several years. Other sponsors include familiar names - SJB Services, Empire Geo Services and Watts Architecture and Engineering.

Rick, Gary and Hal also presented The Energy Efficiency Award on behalf of the American Institute of Chemical Engineers to Mill Middle School for their city – Jiveeas – because neither Frank Kislik nor Keith Craigie could be present that day.

Rick Allen  
Gary Laliberty  
Hal Pierce

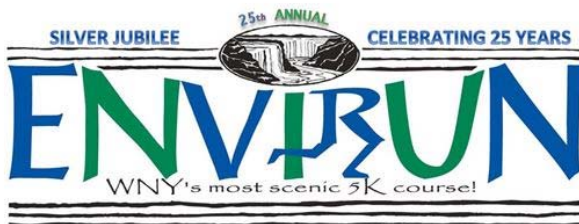
AWMA Judges  
1/24/15



**Envirun****Mike Emery/Dharma Iyer****Envirun 5K - April 18, 2015 – Silver Jubilee year**

The 25<sup>th</sup> Annual Envirun 5 kilometer (K) run will be on Saturday, April 18, 2015. Like last year, we will be at Whirlpool State Park, which is just north of Niagara Falls along the Niagara River gorge. This is put on by our A&WMA Section to raise funds for local worthwhile environmental causes. To make the event a success we depend on volunteers from the Section and sponsors. If you can volunteer or would like to sponsor the race please contact Dharma Iyer at 716-662-4157 or [iegpllc@aol.com](mailto:iegpllc@aol.com), or Mike Emery at [awmanfssecretary@gmail.com](mailto:awmanfssecretary@gmail.com). This is a fun event on a Saturday morning to attend with family – so please mark it on your calendar and plan to attend.

Registration is now open and includes a technical t-shirt and post race party with awards, food and live music. The run will be along the closed portion of the Robert Moses Parkway starting at the Whirlpool State Park. There are three ways to register: on line through our website ([www.awmanfs.org](http://www.awmanfs.org)), download a paper application from our website and mail it in with a check, or online through [www.active.com](http://www.active.com). There are no processing fees if you register through our website.



**AIR & WASTE MANAGEMENT  
ASSOCIATION  
NIAGARA FRONTIER SECTION**

**WNY's most scenic 5K Run for the Environment**

**Saturday, April 18, 2015 ♦ 10:30 AM**

**Whirlpool State Park, Niagara Falls, NY**

(construction still ongoing on Goat Island)

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To Register Online: Visit [www.active.com](http://www.active.com) or [www.awmanfs.org](http://www.awmanfs.org)

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To Mail Registration:  
Print Form Here [www.awmanfs.org](http://www.awmanfs.org)

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Contact Dharma Iyer (716)445-9684 or [iegpllc@aol.com](mailto:iegpllc@aol.com)

**DEC Camp - Application Poem****By: Anna Buccilli**

## Earth reflected in my eyes

Written By Anna Buccilli

The world would be a better place

If people saw it through my eyes

They would look up and admire

The painted blue skies

Then they'd look around and see

Just how pretty the earth can be

With the swaying trees and chirping birds

They can't explain earth's beauty in words

They would try, and try, just try so hard

With the words lovely and masterpiece even in their own  
backyard

And if everyone actually stops and tries

To see what I see through my eyes

The world would be a better place full of beauty and grace

## DEC Camp - "Best Camper"

**Bruce Wattle**

Last year, through the support of our Corporate Sponsors, Envirun and Seminar participants, A&WMA NFS sponsored several campers to attend DEC Environmental Camp Rushford. One of our sponsored campers, Vivian Wattle, was voted "Best Camper" during her session. As a result, she was invited to write an essay and enter into the running for the Emily Timbrook Award to attend Camp Rushford this year for free. Well, good news, her essay was selected and she'll be attending again this year for free! Thanks again to all our Corporate Sponsors, Envirun and Seminar participants and AWMA NFS for the DEC scholarship program!

Bruce Wattle

## 2015 Annual AWMA Seminar Pictures

**Hal Pierce**



The Niagara Frontier Section of the A&WMA, Inc. publishes its newsletter, *THE RELEASE*, quarterly as a service to its members.

If you would like to submit an article for the next issue of *THE RELEASE*, please contact:

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Association

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