



# EnviroEd

FALL 2013

PUBLISHED BY THE PUBLIC EDUCATION COMMITTEE OF THE NEW YORK WATER ENVIRONMENT ASSOCIATION, INC.  
[www.nywea.org](http://www.nywea.org).



## Message From the Chair

Welcome to the Fall 2013 edition of the NYWEA Public Outreach Committee Enviro Ed Newsletter. Hopefully, everyone had a relaxing, fun-filled safe summer, kept cool during the July 'Heat Wave'.

As always, our Newsletter Editor and her Team have done another great job of

developing a newsletter full of interesting and useful information. This edition of our newsletter includes informative websites which can be used in your classroom, as well as several upcoming competitions and scholarships to help you engage your students.

Please "Mark Your Calendars" - The 86th Annual NYWEA Winter Meeting and Exhibition will be held at the Marriott Marquis in New York City on February 4-6, 2014. Additional information on the event can be found at [nywea.org](http://nywea.org). Continuing along with our objective of engaging teachers, and educating young people about the environment, we are planning another special student event for the 2014 Winter meeting. If you and your students are interested in participating in this program, please send me an e-mail at [joseph.corrado@arcadis-us.com](mailto:joseph.corrado@arcadis-us.com)

This will be my last message as the Chairman of the Public Outreach Committee. My tenure as "The Chair" has come to an end. I truly enjoyed my time as Chairman and would like to thank those on the Committee who help me make the last three years a success. I am handing over the baton to Khristina Dodson who has served as a member of the Public Outreach Committee and works in a public educational role at the Environmental Finance Center at the Center of Excellence in Syracuse, NY.

If you have any questions, comments or information to be included in future newsletters please feel free to e-mail either myself or Ms. Beth Petrillo at [bpetrillo@dep.nyc.gov](mailto:bpetrillo@dep.nyc.gov). Once again, from all of us here, we hope you enjoy this newsletter and we wish all of you a happy and healthy holiday season.

Very truly yours,

*Joseph J. Corrado*, PE, BCEE

**facebook**

Become a fan and follow us at New York Water Envir. Assoc. Public Outreach.

## 10 Ways To Become the Greatest At Any Career

*(reprinted from The Engineering Daily)*

If you look at a list of the top 10 most remarkable engineers, you will notice some similarities. Outside, the obvious drive and ambition, these remarkable engineers also possessed an unwavering desire and a passion for engineering. It is what explains Edison's attitude after 1,000 failures, or Ford's belief in his idea while everyone around him was content with horse-driven carriages. What makes a great engineer is not just having a deeper understanding of a particular subject matter but also vision, drive and a create-the-best-the-world-has-ever-seen type of an attitude. Mastering these attributes and applying them to an idea or a project is what makes one a great engineer.

So, how would you know that you have become a great engineer or great in another profession? Simply use this as your guide and approach to everything that you do.

1. Settle for nothing less than outstanding work. Every time.
2. Learn from the best and strive to be better than them. Making mistakes is allowed, however, learning from others' errors is much better.
3. Determine what you are passionate about and then do exactly that.
4. Stay viable and current in your field.
5. Take risks and always think outside the box.
6. Project your ideas and ambitions 5, 10, 20 years out and then plan how to get there.
7. Align yourself with people who will support your vision and ambition.
8. Find your flaws – and fix them.
9. Give back to your community.
10. Show up every time.

# NYWEA Offers \$24,000 in Scholarships

## 2014 NYWEA Met Chapter \$1,500 Scholarship

The New York Water Environment Association Metropolitan Chapter will be offering up to two (2) \$1,500 scholarships. These scholarships are based on the following eligibility:

- Applicant must be a student enrolled at a College or University within the Metropolitan
- Chapter geographic boundaries (New York City) with an established NYWEA Student Chapter.
- Applicant must be enrolled in full-time engineering or environmental related program with a focus on environmental issues and must be completing their Junior year, Senior year or enrolled in a Graduate Program. Such programs could include but not limited to:

- i. Environmental Engineering
- ii. Civil Engineering - Water or Environmental Engineering Emphasis
- iii. Chemical Engineering -Water or Environmental Engineering Emphasis
- iv. Environmental Science

To receive the payment, applicant must maintain a GPA of 2.4 out of 4.0 for the current year course of study.

Application deadline: November 18, 2014

## 2014 NYWEA Scholarships

The New York Water Environment Association will be offering a total of six (6) \$1,500 scholarships and one (1) \$10,000 scholarship in 2014.

### 2014 \$10,000 Environmental Career Scholarship

The eligibility criteria for the \$10,000 scholarship (paid out over four years) is as follows:

The recipient must be: A qualifying high school senior; a New York State resident; enrolled full-time in a B.S. or B.E. degree program with an environmental emphasis. Application deadline: February 10, 2014

## 2014 \$1,500 Scholarship Application Package

Six \$1,500 scholarships are available:

Two(2) are granted to children of members

Two (2) are granted to students enrolled at a college or university where there is a NYWEA student chapter,

Two (2) are granted to high school students who will be enrolled in an environmentally related program in a four-year college or university.

Application deadline: February 10, 2014.

### 2014 N.G. Kaul Memorial Scholarship

The N.G. Kaul Memorial Scholarship Fund will be offering a total of \$2,500 in scholarships to students pursuing graduate or doctoral degrees in environmental/civil engineering or environmental science concentrating on water quality who show a commitment to government service.

Application deadline: February 28, 2014.

### Jim Anderson Memorial Scholarship

The Jim Anderson Memorial Scholarship offers one \$1,250 scholarship annually. Applicants must be enrolled in a BS or BE full-time engineering program with a focus on environmental issues, particularly water/wastewater.

Application deadline: May 30, 2014

### Lucy Grassano Memorial Scholarship

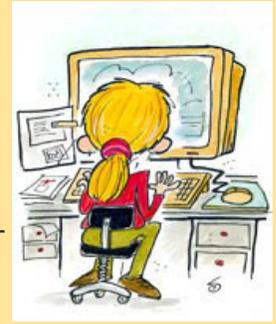
The scholarship will be utilized to further the careers of secretaries, administrative assistants, and operators in the water quality field. Application deadline: February 10, 2014

For more information regarding these scholarships please visit the NYWEA website, [www.nywea.org](http://www.nywea.org).

NYWEA has other scholarships available. For more information, visit the above mentioned website.

NOTE: There are other NYWEA Chapters that offer scholarships in your area. For more information, visit [NYWEA.org](http://NYWEA.org) - click on the **About** tab and scroll down to **Chapters**.

## Websites of Interest



[www.nyweametro.org](http://www.nyweametro.org)– This is the Metropolitan chapter website of the New York Water Environment Association.

[www.dec.ny.gov](http://www.dec.ny.gov)– The New York State Department of Environmental Conservation has launched a new electronic newsletter for families. It is called DEC Outdoor Discovery. Each issue introduces subscribers to a seasonal environmental or nature topic, suggests a related activity, and lists family-friendly events at DEC’s environmental education center. To subscribe, go to the website above and click on DEC Outdoor Discovery.

[www.nyc.gov/dep](http://www.nyc.gov/dep)--This site offers all kinds of information about the New York City Department of Environmental Protection (DEP) from educational opportunities to careers

[www.epa.gov/teachers](http://www.epa.gov/teachers) This is EPA’s newly revised and improved environmental education website for teachers. One new feature is the addition of grade levels for the cited classroom materials.

<http://www.epa.gov/fishadvisories/kids> - EPA website for kids.

[www.teachengineering.com](http://www.teachengineering.com) Teach Engineering is a multi-university partnership that has developed K-12 engineering education curriculum modules that are standards-based, free and available over the internet. It aims to equip teachers with lessons in science, math and engineering that are creative and exciting.

<http://science.nsta.org> National Science Teachers Association newsletter. Each issue is filled with informative articles.

<http://www.wef.org/LearnAboutWater/ForEducators/CurriculumMaterials/>. The Water Environment Federation has many children’s publications including Water the Amazing Journey “Go With The Flow, and World-wide Waste, It’s not a Load of Rubbish.

[www.engineeringk12.org](http://www.engineeringk12.org)

Go Engineering’s e-newsletter is for K-12 educators. Its purpose is to promote the importance of engineering and technology education and explore the many ways that engineering and technology can help teachers meet the challenge of making mathematics and science come alive for students.

[www.pbs.org/journeytoplanetearth](http://www.pbs.org/journeytoplanetearth) Funded by the National Science Foundation, Journey To Planet Earth is a video series that helps students and adults understand the most critical and timely issues facing the natural sciences.

[www.epa.gov/watersense/water/drop.htm](http://www.epa.gov/watersense/water/drop.htm) - The WaterSense program announces an exciting new set of educational materials for kids and teachers “A Day in the Life of a Drop” teaches students about the connections between the sources of the water they use and how that use affects human health and the environment. These fun learning materials include a teachers guide, two student worksheets, a spreadsheet to track water use at home, and a pledge for students and their families to filter out bad water habits.

<http://greeneducationfoundation.org> The Green Education Foundation, in partnership with the Center for Green Schools, provides k-12 green-themed lesson plans and activities to share with educators around the world.

<http://urbanext.illinois.edu/schoolonline> This website offers curricula and teaching ideas from educators at the University of Illinois Extension. Students in grades K-6 can explore topics including weather, hydrology, food origins through interactive games and activities.

<http://www.newyorkcityh2o.org> – An educational non-profit organization that offers programs about NYC’s water and ecology to school groups and interested members of the public. Programs include, hikes, bike tours and lectures.



New York Water Environment Association,  
Inc.  
525 Plum Street, Suite 102  
Syracuse, NY 13204  
315.422.7811 phone  
315.422.3851 fax  
[www.nywea.org](http://www.nywea.org)

Non-profit Org.  
U.S. Postage  
**PAID**  
Syracuse, NY  
Permit No 260

## Upcoming Events

- **World Water Monitoring Day** – September 18, 2013... or choose Your day March 22 – December 31st!

For more information visit ([www.worldwatermonitoringday.org](http://www.worldwatermonitoringday.org))

## Mark your Calendar!

- **NYWEA 86th Annual Winter Meeting** - February 4 - February 6, 2014 at the Marriott Marquis in New York City

### Attention Parents of High School Seniors

Did you know that NYWEA has a Child of Member Scholarship? Do you have a son or daughter following in your environmental footsteps? If so, you may want to encourage them to submit a scholarship application in the Child of Member category. For more information see page 2 or visit the NYWEA website:

[www.nywea.org](http://www.nywea.org).

## 2014 U.S. Stockholm Junior Water Prize

The International Stockholm Junior Water Prize (SJWP) is the most prestigious youth award for a high school water science research project. Its purpose is to increase youth attention toward the water environment, and to sensitize them – as future leaders - to local and global water challenges. HRH Crown Princess Victoria is the patron of the prize. In a royal ceremony, during World Water Week, the international winner receives \$5,000 USD and a blue crystal sculpture.

The SJWP was founded by the Stockholm Water Foundation and is administered by the Stockholm International Water Institute (SIWI). ITT Industries is the global sponsor.

In the United States, the Water Environment Federation (WEF), and its member associations, sponsor and organize the state and national competition with support from ITT Industries and The Coca-Cola Company.

The application deadline is April 15, 2014. For more information, please visit [www.wef.org](http://www.wef.org).