



2006 U.S. Stockholm Junior Water Prize (www.stockholmjuniorwaterprize.org)

SJWP's 2006 U.S. Winner Announced



2006 U.S. SJWP Finalists, from left to right: Heather Smith, Finalist; Katherine VanderWeele Snyder, Finalist; Megan O'Brien, Finalist; and Emily Brownlee, 2006 U.S. SJWP Winner.

Alexandria, VA - Emily Brownlee of Prince Frederick, MD was named the U.S. winner of the Stockholm Junior Water Prize (SJWP) during a June 24th ceremony at the Georgia Aquarium in Atlanta, GA.

What is the SJWP?

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 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.

Games, Games, Games

Mission Mercury —College students from Champlain College in Burlington, Vermont created a "serious video game" about the dangers of mercury for the Vermont Department of Environmental Conservation. The project is supported by the U.S. Environmental Protection Agency (EPA) and Supplemental Environmental Project. The game is aimed at middle school kids, to educate them about ways of decreasing toxic mercury in the environment. The video game will be used by teachers in classrooms starting this fall throughout Vermont and perhaps nationally in the future.

For more information, go to http://www.champlain.edu/news/news_display.php?article=06-22-05a.php



Competitions

Poster Contest

Sponsored by the NY Water Environment Association and NYSDEC, the Importance of Wastewater Treatment Poster Contest is open to students in both Middle and High Schools. The contest focuses on the theme of how wastewater treatment plants protect our waters. This year, there will be prizes and awards.

For more information, please go to www.dec.state.ny.us/website/dow/bwcp/postercon.html.

Questions can be directed to NYSDEC's Robin Yasinsac-Gillespie at 518-402-8089 or email her at rmyasins@gw.dec.state.ny.us.

Future City Competition

The mission of the National Engineers Week Future City Competition is to provide a fun and exciting educational engineering program for seventh and eighth grade students that combines a stimulating engineering challenge with a "hands-on" application to present their vision of a city of the future.



This is a school based competition and materials are available beginning August 1, 2006. The school registration fee is \$25. SimCity 3000 software will be utilized. For more information, please go to the National Engineers website at www.futurecity.org.

Help for Teachers

Below are some organizations that provide tools and offer events and activities to introduce students to environmental issues.

The Beacon Institute

The Beacon Institute's mission is to create a global center for interdisciplinary research, policy-making and education regarding rivers, estuaries and their connection with society.

The Beacon Institute will begin offering special programs for K-12 teachers in the fall of 2006. The Learning Laboratory will provide interdisciplinary environmental education training. It will be operated in collaboration with local schools, regional colleges and universities, non-profit organizations and the State of New York's Estuary Management Program.

For more information go to www.thebeaconinstitute.org.

New York Sun Works (Center for Sustainable Engineering)

New York Sun Works is currently developing a Science Barge program for the Manhattan waterfront, scheduled to launch publicly in June 2007. The Science Barge will support projects related to sustainability in the Hudson River estuary and along the urban waterfront.

For more information go to www.nysunworks.org.

Brooklyn Center For the Urban Environment

This organization educates New Yorkers on the built and natural environments of New York.

For more information, contact www.bcue.org.

Partnerships for Parks

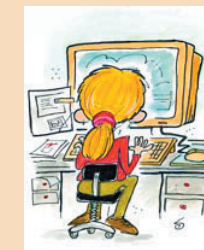
Partnership for the Parks is working to connect waterfront park stewards, boaters, greenway advocates, and educators to the waterfront and to each other. For more information, contact www.partnershipsforparks.org.

Gateway Greenhouse Education Center

Launched by the Friends of Gateway



nearly three years ago, this group is helping turn Floyd Bennett Field into a public space that includes extensive wildlife habitat and the return of native plant communities.



Websites

[Http://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://science.nsta.org](http://science.nsta.org)

National Science Teachers Association newsletter. Each issue is filled with informative articles.

[Http://www.wef.org/LearnAboutWater/ForEducators/Curriculum-Materials/](http://www.wef.org/LearnAboutWater/ForEducators/Curriculum-Materials/)

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

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

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 in the 21st century.

NYWEA Offers \$19,000 in Scholarships!



The New York Water Environment Association will be offering a total of six \$1,500 scholarships and one \$10,000 scholarship in 2007.

2007 \$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: Jan 15, 2007

2007 \$1,500 Scholarship Application Package

To be eligible for one of the \$1,500 scholarships:

- Two are granted to children of members
- Two are granted to students enrolled at a college or university where there is a NYWEA student chapter, and
- Two are granted to high school students who will be enrolled in an environmentally related program in a four year college or university.

Application deadline: Jan 15, 2007

Scholarship applications can be obtained either from the NYWEA website at www.nywea.org, the Metropolitan chapter of NYWEA at www.nyweamet.org or by writing: NYWEA Executive Office
525 Plum Street, Suite 102
Syracuse, NY 13204
Tel. (315) 422-7811
Fax (315) 422-3851

All Applications must be mailed to the address above.

Student Chapters

Student chapters can be contacted for information about NYWEA and college programs.

The faculty advisors at the NYWEA student chapters are as follows:

Manhattan College:
Richard Carbonaro - 718-862-7171

Clarkson University:
Stefan Grimberg - 315-268-6490

RPI:
Simeon Komisar - 518-276-4893

SUNY - ESF:
Jim Hassett - 315-470-6637

NY Institute of Technology:
Stanley Greenwald - 516-686-7969

Hofstra:
Margaret Hunter - 516-463-6021

Polytechnic University:
Konstantinos Kostarelos - 718-260-3260

Stony Brook:
Lawrence Swanson - 631-632-8704

City College:
John Fillos - 212-650-8010

Brooklyn College:
Martin Schreiber - 718-951-5631

Cooper Union:
Constantine Yapijakis - 212-353-4296

University of Buffalo:
James Jensen - 716-645-2114

Upcoming Events Mark your Calendar!

NYWEA 79th Annual Winter Meeting
February 4, 2007 - February 7, 2007
Marriott Marquis, New York, New York

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www.nywea.org



Message From the Chair

The NYWEA Public Education

Committee is pleased to present the Fall 2006 newsletter. This issue includes information on many useful educational tools, exciting programs, fun contests, and NYWEA scholarship information. The information can be used to help accomplish our mission by increasing awareness of water quality and the environment and by engaging today's youth in water environment issues. Stay tuned for more exciting news in our next newsletter!

Additionally, I am very delighted to announce the appointment of Beth Petrillo of the New York City of Department of Environmental Protection as Vice-Chair of the NYWEA Public Education Committee and the selection of Amy Santos of Red Oak Consulting as the NYWEA Chair of the Water Is Life Task Force. NYWEA and the Public Education Committee sincerely welcomes them and appreciates their efforts as volunteers.

Donna Potorti, Chair

Water is Life

"One glance at a picture from space reveals our Blue Planet in all its watery glory. Because such a tremendous percentage of the Earth's surface is water, people may not truly comprehend how delicate the balance is between the state of water and life on our planet."—excerpt from NSTA August science class newsletter

Fortunately, the Water Environment Federation (WEF) and the New York Water Environment Association (NYWEA) recognize the delicate balance. WEF instituted a Water is Life and Infrastructure Makes it Happen program. One of the important goals of the Water Is Life program will be to provide background materials to elected officials, and provide public education to citizens, local funding decision makers, NYWEA members and the media about the growing need to update America's water and wastewater infrastructure.

NYWEA recently established a Water is Life Task Force to assist in the administration of WEF's Water is Life and Infrastructure Makes it Happen program. NYWEA chose Amy Santos of Red Oak Consulting to chair the Task Force. Amy will assist NYWEA in its role as a pacesetter for the Water is Life program, and will work closely with the Public Education and Government Affairs Committees as well as the two pilot utilities, namely the Town of Tonawanda and the Town of Orangeburg, New York. For more information go to <http://www.wateris-life.net>

Things to Do



Green Horizons Green Horizons is an annual program for intermediate grade students in NYC schools. It introduces them to the world of environmental careers. Students take part in hands-on experiences and learn about how the natural world offers them many opportunities for worthwhile career paths as the work on "station programs" such as tree surgery, soil exploration, water and air quality hands-on activities.

This year's Green Horizons is scheduled for Wednesday, October 18 in Van Cortlandt Park during the school day. Anyone interested in attending can contact Nancy Wolf (JLNWolfInc@aol.com) or Jill Weiss (jeel45@yahoo.com)

Flying Wild Is an exciting environmental education program of the Council for Environmental Education designed for middle students. The materials introduce students to bird conservation through hands-on classroom activities and school bird festivals. The next workshop is:

Saturday, October 14, 2006 from 9 AM - 12 noon

The instructor is Regina Mc Carthy and the cost is \$25. The location is: NYC Audubon, 71 West 23rd St., Room 1523, New York, NY 10010. Binoculars are needed for bird watching.

If you have any comments or suggestions, please contact Beth Petrillo at bpetrillo@dep.nyc.gov.