



# Summer 2013 Events!

Along with our regular monthly events, we have lots of special programs this summer! See you at the FWWIC and at The Oval (see below)!

**T**he Eakins Oval, eight acres of public space at the base of the Benjamin Franklin Parkway, is being transformed into Philly's new "Park on the Parkway." The Oval is a new initiative of Philadelphia Parks & Recreation in partnership with the Fairmount Park Conservancy.

The Oval will offer free daytime and evening programs, games, fitness activities, movie nights and more. The Oval will be open from July 17 through August 20, 2013, Tuesday through Sunday, from 9:00 a.m. to 9:00 p.m.

We'll be there on Thursdays from July 11 through August 1 with some great Pop-up activities!

## FWWIC Pop-up Activities:

### Ecology of Waterways: Diverse and Abundant Communities:

Rainbow Fish activity-- make and take; story time  
Fishing Around-- simulated census of fish in the river

### Beautiful and Functional: Civic Architecture of the Fairmount Water Works in 19th Century Philadelphia:

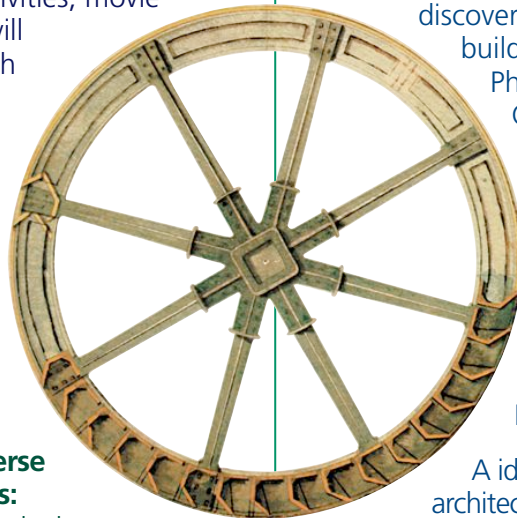
Architecture-- build it and they will come

**Global Water Passport to Clean Water:** Access to Clean Water and proper sanitation in developing countries-- awareness and advocacy

**Pleasure Boats and Waterways:** Paddle boats on the Schuylkill River-- historical views and off to the races

**Water for the City: Engineering a Solution:** Waterwheels-- make a working waterwheel

**Water Quality: Drinking Water Chemistry:** Drinking water mystery -- chemical testing



## A Walk in the Park-way

Wednesdays, 6:00 - 8:00 p.m.

Sundays, 2:00 - 4:00 p.m.

**\$10/Adults, \$8/Seniors, \$5/students with ID. The first 15 people who sign up for a tour will receive one of our brand new official water bottles (\$10 value)!**

Put on your walking shoes and discover the magnificent

buildings along

Philadelphia's own

Champs-Élysées,

and what lies beneath them.

Start at the Fairmount Water

Works, where

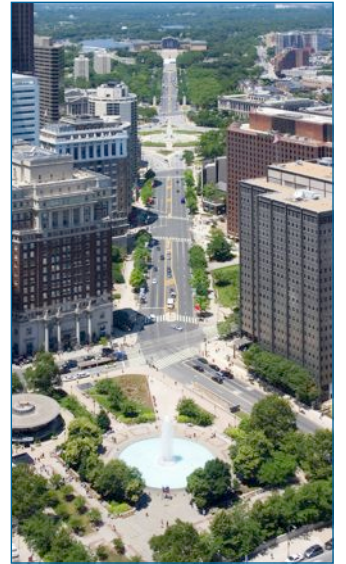
wheels once pumped the City's drinking

water, then embark on a mile-long stroll

down the picturesque path from Fairmount Park to Logan Square and back again.

A ideal tour for history buffs, cultural connoisseurs and architectural mavens, it explores the cultural, educational, and architectural development of the nation's original capital.

To order tickets: <http://fwwicwalkintheparkway.eventbrite.com>.



## Back by Popular Demand: Our Fishway Tour!

**Saturdays: August 24, September 21, and October 19.**

We are again offering special group tours of the Fairmount Dam Fishway. The tours will be held at 10:00 a.m. and advanced registration is required. Tours will be on the following Saturdays: July 20, August 24, September 21 and October 19.

Advanced registration is required as the tour is limited to 15 people. This program is for those over the age of nine, and each participant must sign a Waiver and Release from Liability.

To register or get more information, contact Megan Malloy at [megan.malloy@phila.gov](mailto:megan.malloy@phila.gov) or by calling 215-685- 0721.



# July 2013 Events!



## Mussel Mania Training: July 27

Even if you've never been to one of our Mussel Mania events, you can learn about these amazing bivalves.

The official Mussel Mania rain date/make-up training session will be on **July 27 from 12:30 to 4:00 p.m.** You'll learn how to look for mussels and collect data. The FWWIC and the Tookany-Tacony Frankford Watershed Partnership are teaming up for this follow-up session.

There will be free transportation from the FWWIC to the sites and back to the FWWIC. If you can join us for this exploration please reply to Alix Howard at [alix@ttfwatershed.org](mailto:alix@ttfwatershed.org) by July 24.

All you could ever want to know about mussels: <http://www.delawareestuary.org/freshwater-mussel-restoration>.

Pop!

## Pop-Up Saturdays!

July 27 from 10:00 a.m. to 12:00 noon.

Join us for some surprising science as we pop-up inside and out at the FWWIC: on the Esplanade, the river bank, or somewhere unexpected with activities on Saturday mornings!

## Science Saturday:

July 27 from 2:00 to 4:00 p.m. starting every half hour.

## Waterfowl & Friends

Learn what species have made the Schuylkill River their home, and how the East Park Reservoir became the travel destination of choice for many birds. Find out about the history of the East Park Reservoir, and what has made both of these sites an ideal home or hangout for winged friends. Join in our activity that highlights water-loving birds from ducks to divers like the Cormorant. Bring binoculars if you have them — we'll have a few pairs for loan.

## Sunday Cinema

July 28 at 1:30 and 3:30 p.m. Free!

### "Flow: How Did A Handful of Corporations Steal Our Water?"

(2008) Not rated. 84 minutes.

Irena Salina builds a case against the growing privatization of the world's dwindling fresh water supply with an unflinching focus on politics, pollution, human rights, and the emergence of a domineering world water cartel.

The film asks "CAN ANYONE REALLY OWN WATER?" FLOW also gives viewers a look at the people and institutions providing practical solutions to the water crisis and those developing new technologies, which are fast becoming blueprints for a successful global and economic turnaround.

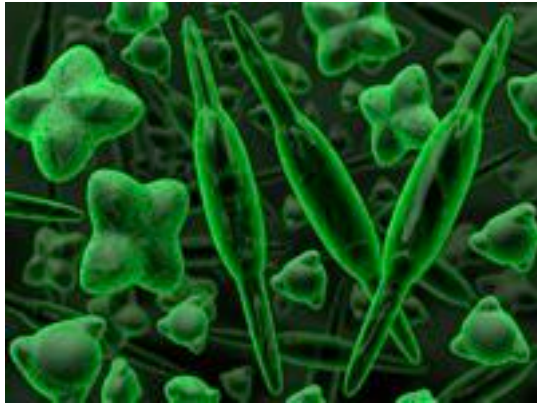
### "A-E-I-O-U Water"

(2013) Not rated. 15 minutes.

This film, by Emmy® Award winner Rodney Whittenberg and starring musician Phyllis Chapell, explores the importance of water in our world, using music and images of nature as well as important facts.



# August 2013 Events!



## Science Saturday:

August 3, 10, 17, 24, 31 from 2:00 to 4:00 p.m.  
starting every half hour.

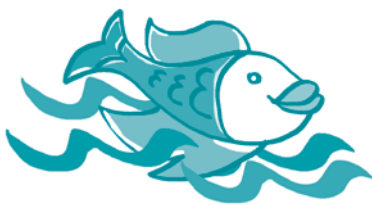
### Diatoms: Jewels of the River

Diatoms are incredibly small and intricate organisms. These little life forms come in a variety of sizes and shapes. They indicate water quality, shed light on the past and are material for manufacturing. Learn more about diatoms in our lab and test your drawing skills! We will be making shrinking pieces of art for you to take home.

## Pop! Pop-Up Saturdays!

August 3, 10, 17, 24, 31 from 10:00 a.m. to 12:00 noon.

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Back by  
Popular

Demand: Our Fishway Tour!

This month's tour is Saturday,  
August 24.

See the first page of this Calendar for more information!

## Sunday Cinema

August 4, 11, 18, 25 at 1:30 p.m. Free!

### "Six Degrees Could Change the World"

(2008) Not rated. 96 minutes.

By the year 2100, many scientists believe that the Earth's average temperature could rise by as much as six degrees Celcius. In a compelling investigation, National Geographic leads a degree-by-degree journey to explore what each rising – and critical – degree could mean for the future of our people and planet. Through powerful filmmaking and intimate profiles, this special illustrates how global warming has already affected the reefs of Australia, the ice fields of Greenland, and the Amazonian rain forest. With a sobering look at the effects of our world's insatiable appetite for energy, *Six Degrees Could Change the World* explains what's real, what's still controversial, and how existing technologies and remedies could help dial back the global thermometer.

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# September 2013 Events!



## Spend Saturday, September 7 at the FWWIC!

Join us for the annual Philly Fun Fishing Fest and Coast Day events. These fabulous free family events are a fun way to explore,



discover and create!

The annual Philly Fun Fishing Fest is a catch-and-release event. No license is required to participate, and there will be prizes in a variety of categories.

Rain date for both events is September 14.

## Science Saturday:

September 7, 14, 21, 28 from 2:00 to 4:00 p.m. starting every half hour.

### Navigating the Schuylkill

We look at mapping and navigation, and how the National Oceanic & Atmospheric Administration, the U.S. Army Corps of Engineers, and the Philadelphia Water Department use maps. Cartography employs art, science and technology in order to create the maps we use everyday. Comparisons and contrasts will be made between older, archival maps of the world versus the maps we use today; theme maps versus base maps; and maps versus nautical charts, by looking at the techniques employed, aesthetics, and the various uses for these works. Learn how to read maps and nautical charts, in addition to an azimuth and orienteering compass.

## Sunday Cinema

September 8, 15, 22, 29 at 1:30 p.m. Free!

### “Last Call At the Oasis”

(2012) Not rated. 105 minutes.

Water is the earth’s most valuable resource. Our cities are powered by it, many industries depend on it, and all living things need it to survive. But in the future, there might not be enough to sustain life on our planet. From Academy Award®-winning director Jessica Yu (*Breathing Lessons: The Life and Work of Mark O’Brien*) and Academy Award®-nominated producer Elise Pearlstein (*Food, Inc.*), this film exposes defects in the current system, shows communities struggling with its ill effects, and introduces us to individuals who are championing revolutionary solutions, such as activist Erin Brockovich and experts Peter Gleick, Alex Prud’homme, Jay Famiglietti and Robert Glennon. **Please see the next page of this calendar for an up-coming special event with Peter Gleick at the FWWIC!**

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Back by Popular Demand: Our Fishway Tour!

This month’s tour is Saturday, September 21.

See the first page of this Calendar for more information!



# Save The Date!

Friday, October 25, 2013

Dr. Peter Gleick, Co-Founder and President, Pacific Institute

“Global Water Challenges, Issues and Solutions”

Please join us on Friday, October 25, as Dr. Gleick presents his views on Global Water Challenges, Issues and Solutions at the Philadelphia Museum of Art at the Van Pelt Auditorium. This lecture will be from 5:30 to 7:00 p.m. Following the lecture, there will be a reception for Dr. Gleick at the Fairmount Water Works Interpretive Center, from 7:00 p.m. to 9:00 p.m.

For tickets to either or both events, please go to:  
<http://globalwatergleick.eventbrite.com/>



Dr. Peter Gleick is renowned the world over as a leading expert, innovator, and communicator on water and climate issues. He co-founded and leads the Pacific Institute in Oakland, celebrating its 25th anniversary in 2012 as one of the most innovative, independent non-governmental organizations in the fields of water and economic and environmental justice and sustainability.

Dr. Gleick's work has redefined water from the realm of engineers to the world of social justice, sustainability, human rights, and integrated thinking. His influence on the field of water has been long and deep: he developed the first analysis of climate change impacts on water resources, the earliest comprehensive work on water and conflict, and defined basic human needs for water and the human right to water – work that has been used by the UN and in human rights court cases. He pioneered the concept of the “soft path for water,” developed the idea of “peak water,” and has written about the need for a “local water movement.”

Peter Gleick received the prestigious MacArthur “genius” Fellowship and was named “a visionary on the environment” by the BBC. He was elected both an Academician of the International Water Academy, in Oslo, Norway and a member of the U.S. National Academy of Sciences. *Wired Magazine* featured Dr. Gleick as “one of 15 people the next President should listen to.” He received his B.S. from Yale University and an M.S. and Ph.D. from the University of California, Berkeley. Dr. Gleick serves on the boards of numerous journals and organizations, and is the author of many scientific papers and nine books, including the influential series *The World's Water* and *Bottled and Sold: The Story Behind Our Obsession with Bottled Water*, as well as the newly released *A Twenty-First Century U.S. Water Policy*.