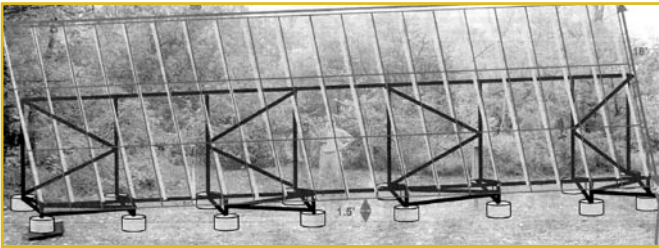


THE Quill

HERE COMES THE SUN...

By Ashleigh Poff



This rendering shows what the Solar Panel Array that is being constructed at the Center will look like when it's finished. The 9.6 kW Array is located directly across from the Education Building's main entrance and will help the Center generate a portion of its own electricity.

With the wake up call of ever increasing gas prices, heating and electricity bills - even the cost of produce - people all around the world are becoming more aware of the necessity of energy conservation. Taking the lead within the Philadelphia region, The Schuylkill Center for Environmental Education will serve as a hub to demonstrate sustainable technologies for the home and business.

It began last summer, when we installed a green roof on our Education Building. Our vegetated roof helps to mitigate the volume and rate of stormwater runoff and provides an easily-viewed, working demonstration model of this technology for the public. This year, thanks to grants from the Pennsylvania Department of Environmental Protection's Energy Harvest and the Sustainable Development Fund, the Center installed a 9.6 kW Solar Panel Array on our grounds. Additional funding from PECO, An Exelon Company, will allow us to develop educational programming about solar energy, helping us make full use of our new system as an educational tool.

With the help of Mesa Environmental Sciences, Inc., the Center began installation groundwork in May 2006. Our solar array will not only serve as an educational tool for the visiting public and school groups, but help the Center save about \$1,600 annually on electricity costs because we will be supplementing conventionally generated power with our own solar-generated electricity. The array will also reduce green house gas emissions by a total of 24,759 pounds per year.

Solar energy had its beginnings in 1839, when Edmund

Bequerel, a French physicist, discovered the "photovoltaic effect", meaning that particular materials could produce small amounts of electric current when exposed to sunlight. Experimentation continued until 1954, when Bell Laboratories created the first modern solar module with an energy conversion efficiency of 6%. Today, photovoltaic cells, like those at the Center, are made of special materials like silicon that are semiconductors. Energy from the sun is absorbed into the semiconductor, a material that allows electrons to flow freely. When metal contacts are placed

onto the photovoltaic cell, the energy current can be drawn off of the cell for external use, like powering lights or a calculator.

As one of the cleanest and most reliable forms of electricity, solar photovoltaic cells (or "solar PV" as they are known for short) have grown in popularity over the last few decades. Today, photovoltaic cells are used all around the world to produce electricity. The biggest change in the photovoltaic market during recent years has been the advent of grid-tied systems and inverters. Initially, solar PV systems were used among "off-grid" sites in remote locations where power lines were unavailable. Nowadays, having solar photovoltaic cells and being "on-grid" is even more popular as it turns home and business owners into self-reliant power producers. When the sun is shining, the power is used in the home or building where needed. If excess power is created, it is distributed onto the community grid, thus actually spinning the electricity meter backward and creating a credit on the owner's power bill. At night, when the PV cells are not in use, home and building owners can either pull electricity from the grid or use batteries that store excess energy created during the day.

Due to the increasing popularity of renewable energy sources, solar PV technology is growing by 40% per year world wide. This has actually created a shortage of solar modules that is expected to last until mid-2007, when silicon processing is projected to catch up with demand. Solar PV technology is the only form of energy generation that has never received government subsidies. And although there are small grant programs throughout Pennsylvania for

Continued on page 3

SUMMER EVENTS

JULY

- 6 Teacher Workshop: Penn's Woods
- 8 Green Family Picnic
- 9 NABA Butterfly Count
- 11 Summer Nature Art I
- 12 Urban Wildlife Lecture
- 13 Member/Volunteer Picnic
- 15 Restoration Volunteer Workday
- 21 Adult Night Hike
- 22 Bird Club Trip
- 22 Early Bird Scavenger Hunt
- 25 Summer Nature Art II
- 31 Teacher Workshop: PA Reptiles and Amphibians

AUGUST

- 1 Teacher Workshop: PA Reptiles and Amphibians
- 1 Summer Nature Art III
- 9 Kids Night Hike
- 10 Urban Shades of Green Lecture
- 19 Restoration Volunteer Workday
- 19 Solar System Shrink-Down

SEPTEMBER

- 16 Restoration Volunteer Workday
- 23 Composting Workshop
- 24 Festival of Insects
- 24 IPM Workshop
- 30 Bird Club Trip
- 30/1 Fall Bird Seed Sale



at a glance

Festival of Insects
Sunday, September 24th
12:00 - 3:00 pm
See Calendar of Events for details.

Trails Open:
Mon-Sat, 8:30 am - 4:30 pm
Sun, 1:00 pm - 4:30 pm

MAIN BUILDING/BOOKSTORE:
MON-SAT 8:30 AM - 5:00 PM
Bookstore closes at 4:30 pm daily
CLOSED SUNDAYS





SCEE STARTS NATIVE PLANT NURSERY

By Fran Lawn

Not only are we experts on plants that are native to southeastern Pennsylvania, but we've begun to grow our own supply! The Schuylkill Center officially broke ground for its new Native Plant Nursery on March 31st. The goal of the nursery is to produce plants indigenous to the Piedmont region of Pennsylvania using local sources of seed and propagules (plant cuttings) for the enhancement of local plant populations. This material will initially be used for ecological restoration projects at the Center, but will eventually be available for sale to the public. We

plan to manage all aspects of the nursery using sustainable practices with the lowest environmental impact, such as Integrated Pest Management and organic fertilization. We also intend to educate visitors on environmentally sustainable practices, such as soil and water conservation and composting. In support of the nursery's creation, the Land Restoration Department is seeking donations of 1 & 2 quart plastic pots. If you would like to donate pots, contact Joanne Malfatti at (215) 482-7300, ext. 144 or jmalfatti@schuylkillcenter.org.



Located on the northern side of the Center's property, this open field is the new site for its Native Plant Nursery. The plants grown will be used to replenish native species on the Center's grounds.



Shown here, friends and staff of the Center commemorate the Native Plant Nursery groundbreaking by spreading seed at the new site.

Founders

Mrs. Robert R. Meigs*
Mrs. Lawrence M.C. Smith*
Lawrence M.C. Smith*
Henry H. H. Meigs*

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Camila Rivera-Tinsley, *Environmental Educator*
Mary Salvante, *Director of Art Programs*
Rick Schubert, *Director of Wildlife Rehabilitation*

* Deceased

STAY COOL AND CONSERVE ENERGY THIS SUMMER

Information provided by the Pennsylvania Public Utility Commission

- ◆ Set your thermostat at 78 degrees when you are home and 85 degrees or off when you are away.
- ◆ Keep drapes closed and shades drawn.
- ◆ Replace air conditioner filters monthly and check air and return vents on a regular basis.
- ◆ Request a "home energy audit" from your local utility company to identify any areas where energy is being lost and how to save on heating and cooling bills.
- ◆ Use clothes dryers and dishwashers in the early morning or late evening.
- ◆ Use only lights and appliances you really need.
- ◆ Use a microwave oven instead of a conventional range or oven to heat food.
- ◆ Wash full loads of clothes in cold water whenever possible and avoid over-drying.
- ◆ Relax in rooms that do not receive direct sunlight.
- ◆ Use caulking and weather-stripping to help keep cool air in.

A DEDICATED BOARD MEMBER...



The Schuylkill Center pays tribute to John W. Church, longtime friend and supporter of the Center, who passed away on April 16, 2006.

Jack, a long-term volunteer at the Center, served on our Board of Trustees from 1990 - 1997 with concurrent terms as Chair of the Finance Committee, Vice Chairman and Chairman of the Board. Since that time, he continued to serve the organization as a member of our Advisory Board and Investment Committee until the time of his death. Several years ago, Jack was instru-

mental in providing the leadership and vision for an institutional planning process that took place during the transition at the end of our founding Executive Director, Dick James' tenure. Jack could see that a reaffirmation of organizational vision would strengthen the Center, and was part of the team that organized the Future Search workshops and sessions in the planning process. We still reference this plan today as the Center strives to keep abreast of current issues and remain a vital part of our community.

In Jack, The Schuylkill Center had a firm ally and advocate for our mission of environmental education, and a knowledgeable, wise professional willing to lend his expertise to the cause. He will be greatly missed.

The Center is accepting contributions in Jack's memory, and will notify his family. Please direct donations to Sarah James. With questions, contact Sarah at (215) 482-7300, ext 117 or sjames@schuylkillcenter.org.

HERE COMES THE SUN... continued from page 1

this technology, the only benefit currently available for installing a solar PV system in the state is a \$2,000 federal tax credit for residential customers and a 30% federal tax credit for businesses. However, for those that are still interested in installing a PV system, you can expect to see a payback between five to fifteen years. But the real question is: what is the return on investment? This alone can be 10% or more annually. Depending on the size of the solar array, a typical home can produce 100% of their own power needs and replacement cost is limited, as modules are warranted for 25 years.

If your family or business is thinking about solar technology, here are a few things to consider. A PV system must receive at least 75-80% direct sunlight, throughout the day, and the location selected for the system must have a predominantly southern exposure. A qualified solar designer can help to make this determination and answer any additional questions regarding pricing and space requirements for modules. For more information about solar photovoltaic technology, visit www.mesaenvironmental.net.

Please stop by the Center soon to see our system in action and learn more about this exciting sustainable technology!

WORKING HARD...



Members of the Sister Circle of Bridesburg, a women's spirituality group, celebrated Earth Day at the Center by building and installing bluebird houses to supplement the Christopher McCabe Bluebird Trail. This new trail is currently being developed and will feature bluebird houses along the path so visitors may monitor this species activity. The Trail is dedicated in memory of Christopher McCabe, a long-time SCEE volunteer who passed away in 2003.

grants, gifts and donations

January 1 - March 31, 2006

We graciously thank the following foundations, corporations, and businesses for their generosity.

Albertsons
Allemand, Almqvist & Jones
American Association of Zoo Keepers
Becker & Frondorf
First Presbyterian Church in Germantown
The Garden Club of Bala Cynwyd
The Glenmede Trust Company, N. A.
Institute of Museum & Library Sciences
Isdamer & Company, LLC
Jacques Whitford Company

PECO, An Exelon Company
Pennoni Associates, Inc.
Pennsylvania Community Forests
Pennsylvania Council on the Arts
Presbyterian Church of Chestnut Hill
Rohm and Haas Company
Schuylkill River Heritage Area
The Seligsohn Foundation
Kate Svitek Memorial Foundation
Transcontinental Direct Philadelphia

MATCHING EMPLOYEE GIFTS

The ACE INA Foundation
Aetna Giving Campaign
Johnson & Johnson Company
LandAmerica Foundation
United Way of Kitsap County
United Way of SEPA
Vanguard Group Foundation Fund

GIFTS IN HONOR/MEMORY

In Honor of Angelina
Ms. Karen Wiley Sandler

In Memory of Nate Auritt
Mr. & Mrs. J. Michael Dzuba

In Memory of Frank Carner
Mr. & Mrs. J. Michael Dzuba

In Memory of Leonard Katowitz
Mr. & Mrs. J. Michael Dzuba

In Memory of "Pumpkin"
Mr. and Mrs. J. Michael Dzuba

In Honor of John and Karen Shaffer
Allison Hegarty & Andy Shaffer

In Memory of Henry H. H. Meigs
Mrs. Mary M. Brock
Mr. & Mrs. Karl Connell

Mr. and Mrs. Kingdon Gould, Jr.
Mr. and Mrs. B. Walter Knollenberg

In Memory of Tatnall Starr
Ms. Ellen L. Eglin
Mr. David K. O'Neil

In Memory of Agnes Winther
Ms. Edna Evans





calendar of events

For questions or to register for an event, please call (215) 482-7300, ext. 110 unless noted otherwise. Become a member today and receive a discount on most programs!

July 2006

Thu | 6th Teacher Workshop: Penn's Woods
10:00 am - 3:00 pm

\$10 per person; pre-registration required

Dan Lynch of the Pennsylvania Game Commission will facilitate a workshop to familiarize teachers with the variety of great activities in the curriculum supplement, Penn's Woods. Please bring a bag lunch to enjoy outside under the trees that make up the woodlands at the Center. Act 48 approved.

Sat | 8th Green Family Picnic
10:00 am - 2:00 pm

Family (4 or more people) \$20, Adults \$7, Children (10 yrs or younger) \$4, children under 3 yrs are free; pre-registration required.

The Schuylkill Center and The Environmental Leadership Program (ELP) invite you to the 1st Annual Green Family Picnic. Members from all sectors of the Delaware Valley's environmental community will come together for outdoor activities, informative talks, good food, and fun! The ELP inspires visionary, action-oriented and diverse leadership to work for a just and sustainable future. The Delaware Valley Regional Network provides participants with training and networking opportunities and access to seed funding for innovative projects each year. To register and pay in advance, please visit <http://www.elpnet.org/delawarevalleynetwork/greenpicnic.php>.

Sun | 9th NABA Butterfly Count at SCEE
9:30 am

\$3 per person (children 12 and under are free)
Join the North American Butterfly Association's (NABA) Jane Ruffin as she leads their annual 4th of July Butterfly Count. Volunteers will help track the butterfly populations by collecting data. Butterfly watchers of all levels are welcome. Meet in the Center's parking lot.

Tue | 11th Summer Nature Art I
1:30 - 3:00 pm

For children ages 3 to 7 (must be accompanied by an adult)

\$7/child, parents free; pre-registration required.
Explore the wonderful connection between art and nature on a guided hike to collect natural materials. Our findings will be used to create unique artworks that will help children learn more about the natural world.

Wed | 12th Urban Wildlife: Living Together Peacefully

7:30 - 8:30 pm
\$7 members/\$10 non-members;
pre-registration required.

Wild animals surround us and elude us until we have an encounter with one in our home, yard, and garden. Finding a baby or an injured animal doesn't have to be a troubling event. Join Brenda Malinics, an urban wildlife and bat

expert and long-time Clinic volunteer, as you learn about wildlife habitats and behaviors, develop humane solutions to problem behaviors, learn when not to interfere with native wildlife, and how to become comfortable with the animals around us. Proceeds from the lecture will be donated to the Wildlife Rehabilitation Clinic.

Thu | 13th Annual Member and Volunteer Picnic
6:00 - 8:30 pm

FREE

Join members, friends and staff of the Center for this relaxing, summertime event. As always, we will provide the grilling food. Be sure to bring along a side dish or dessert to share. The Center will be honoring a few special volunteers at this event and featuring country/blues music by the band, Telluric Currents. To RSVP for the Picnic, contact Beatrice McLaughlin at (215) 482-7300, ext. 110 or bmclaughlin@schuylkillcenter.org.

Sat | 15th Restoration Volunteer Workday
10:00 am - 12:00 pm

Get outside and dig in the dirt! Join our Land Restoration Department and participate in various projects to help care for the Center's landscape. Projects range from invasive plant removal to streambank stabilization. Make sure to dress in layers, wear sturdy boots, and bring bottled water. Light refreshments and snacks provided. To volunteer, contact Joanne Malfatti at (215) 482-7300, ext. 144.

Fri | 21st Night Hike for Adults

8:00 - 10:00 pm
\$12/members; \$15/nonmembers;
pre-registration required.

Experience a naturalist-led hike on The Schuylkill Center trails after dark. Learn how the meadow, forest and pond come alive after sunset. The hike will end at our beautiful pavilion area where participants will enjoy wine and s'mores around the campfire.

Sat | 22nd Bird Club Trip

7:00 am to late afternoon
\$12 for a seat on van, otherwise carpool;
pre-registration required.

All levels of birders invited to go with SCEE Bird Club to Bombay Hook National Wildlife Refuge in Delaware. We visited the amazing landscape two years ago and were entranced with the diversity of species! Please pack a lunch, dress for the weather, bring lots of bug repellent and sunscreen and expectations for a great day of birding.

Sat | 22nd The Early Bird Catches the Worm!
10:00 am - 12:00 pm

\$6 members/\$10 non-members (participants only); pre-registration required.

This treasure hunt will lead you on a tour of The Schuylkill Center as you match mysterious clues to their destinations on our trail map to find

each "X" that marks the spot. Take some time to discover the Center's beautiful surroundings as you claim every prize!

Tue | 25th Summer Nature Art II
1:30 - 3:00 pm

For children ages 3 to 7 (must be accompanied by an adult)

\$7 per child/parents free;
pre-registration required.

Explore the wonderful connection between art and nature on a guided hike to collect natural materials. Our findings will be used to create unique artworks that will help children learn more about the natural world.

Mon/Tues | 31st/1st Teacher Workshop: PA Reptiles and Amphibians

9:00 am - 5:00 pm (Mon)

8:00 am - 12:00 pm (Tue)

\$15 for both days, includes curriculum guide;
pre-registration required.

Learn the natural history of Pennsylvania's reptiles and amphibians in this two day workshop. Learn interesting strategies for teaching about these organisms and their habitat in the classroom. Please bring a bag lunch and wear clothes and shoes for exploring outdoors. Participants must attend both sessions in order to receive the curriculum guide. Act 48 approved.

August 2006

Tue | 1st Summer Nature Art III
1:30 - 3:00 pm

For children ages 3 to 7 (must be accompanied by an adult)

\$7 per child/parents free;
pre-registration required.

Explore the wonderful connection between art and nature on a guided hike to collect natural materials. Our findings will be used to create unique artworks that will help children learn more about the natural world.

Wed | 9th Night Hike for Kids
7:30 - 9:00 pm

\$5 members/\$7 non-members;
pre-registration required.

Explore The Schuylkill Center trails by light of the moon on this night hike just for children & their families! Learn about nocturnal animals, listen to the calls of the frogs, and watch for the silhouette of an owl or bat. There's no need to be scared of the dark—hikes are even more fun in the moonlight!

Thur | 10th Urban Shades of Green: Planning and Designing the Green City of the Future

Regional Issues Forum sponsored by the Environmental Leadership Program

6:00 - 8:30 pm

FREE





Notes

Join a group of panelists for a discussion of ideas, methods, and plans for going green. This forum will provide an opportunity for public conversation, dialogue and learning, and showcase voices in the environmental field in the Philadelphia region, underscoring their innovative ideas and work. The event will also highlight The Schuylkill Center's green roof, solar panels, and restoration principles. Panelists will include Kimberlee Douglas of Studio Gaea, Brett Stevens of H2L2 Architects/Planners LLP, Laura Raymond of Ballinger, and Neil Chambers of Green Ground Zero, with Dan Garafolo from the University of Pennsylvania moderating.

Sat | 19th Restoration Volunteer Workday
10:00 am - 12:00 pm

Get outside and dig in the dirt! Join our Land Restoration Department and participate in various projects to help care for the Center's landscape. Projects range from invasive plant removal to streambank stabilization. Make sure to dress in layers, wear sturdy boots, and bring bottled water. Light refreshments and snacks provided. To volunteer, contact Joanne Malfatti at (215) 482-7300, ext. 144.

Sat | 19th Solar System Shrink-Down
2:00 - 4:00 pm

\$2 members/\$5 non-members; pre-registration required.

Bring your imagination and begin to understand how enormous the Sun is and how incredibly far Pluto is from Earth. A short walk will bring things into perspective; count the number of steps it takes to get from the Sun to Pluto and see how big the sun would be if the Earth was the size of a peppercorn! Join us to find out what's really out there!

September 2006

Sat | 16th Restoration Volunteer Workday
10:00 am - 12:00 pm

Get outside and dig in the dirt! Join our Land Restoration Department and participate in various projects to help care for the Center's landscape. Projects range from invasive plant removal to streambank stabilization. Make sure to dress in layers, wear sturdy boots, and bring bottled water. Light refreshments and snacks provided. To volunteer, contact Joanne Malfatti at (215) 482-7300, ext. 144.

Sat | 23rd Composting Workshop
10:00 - 11:30 am

FREE; pre-registration required.

A representative of Penn State Cooperative Extension will lead a program on how to reuse kitchen scraps, yard trimmings, and other organic material to create compost. You don't have to have a large yard or even grass to keep these materials out of the landfills! All participants receive a FREE compost bin. To register,

call The Penn State Philadelphia Outreach Center at (215) 471-2200.

Sun | 24th Festival of Insects

12:00 - 3:00 pm
\$5 per person (\$20 max per family)

What's all the buzz about? The Festival of Insects returns this year with more exciting special guests and family activities for all to enjoy. This year, our focus will be how humans can best support beneficial insect populations while controlling the pesky ones! There will be a wide variety of crafts, activities and games for children of all ages. Parents – attend the festival with your child and learn more about Integrated Pest Management (IPM) for your lawn and garden at the 2:00 pm workshop (see info below). Childcare is available for parents attending the IPM workshop.

Sun | 24th Integrated Pest Management in the Home Garden

2:00 - 3:00 pm
\$8 members/\$10 non-members;
pre-registration required.

Learn the basics of Integrated Pest Management, or IPM, including insect and disease ID, monitoring for problems, and finding chemical free solutions to many common garden pests. Learn to see your garden as part of a larger ecosystem and work with nature to create a sustainable, well balanced landscape.

Sat | 30th SCEE Bird Club "Back Bays" Cruise
8:00 am - 5:00 pm

\$20 for boat trip, additional \$12 for van transportation; pre-registration required.

Join the SCEE Bird Club for a two-hour boat trip (11:00 am – 1:00 pm) with Captain Bob Carlough aboard the "Skimmer" through the waters of Cape May Sound. We will also stop at other nearby locations to observe migrating birds. Please bring a bag lunch and dress for the weather. We will depart from SCEE; please call early to reserve a seat on the van.



Sat/Sun | 30th/1st Fall Bird Seed Sale
During SCEE's regular business hours.

A variety of bird seed will be available, including Sunflower Chips, Cracked Corn, and a Conservation Mix. Order early and save money; members receive an extra discount! The seed trailer will close at 4:30 pm both days. To sign up for our Bird Seed Sale mailing list, contact Claire Morgan at (215) 482-7300, ext. 120 or cmorgan@schuylkillcenter.org.

NATIVE PLANTS STILL AVAILABLE

Did you miss The Schuylkill Center's Native Plant Sale? If so, you're in luck because we still have plants available! The Center will be selling 1 & 2 quart containers of a variety of woodland wildflowers, ferns, and grasses until our inventory runs out. Prices range from \$5-7. For plant availability, call (215) 482-7300, ext. 144 or stop by to see our selection.

VOLUNTEER AT SCEE!

MEMBERSHIP COMMITTEE

Serve as a volunteer on SCEE's Membership Committee. The Development Office is forming a Membership Committee whose mission will be to perform outreach activities and other tasks on behalf of SCEE with the goal of increasing positive public awareness, memberships, and participation at the Center. Please be ready for brainstorming as well as action! If interested, contact Sarah James, Membership Services Coordinator, at sjames@schuylkillcenter.org or 215-482-7300, ext. 117.

NEW WEBSITE DESIGN FOR SCEE!

As you're skimming through the internet, don't forget to stop by our newly redesigned website. Our address is still the same, but the look is different.

Visit us at www.schuylkillcenter.org!

❖ IMPORTANT NOTE FOR VISITORS ❖

Starting July 1, 2006, The Schuylkill Center will no longer charge an admission fee for access to our hiking trails. In addition, our Education Building will now be closed on Sundays (unless a special program is scheduled); however, the trails will remain open for guests. Visitors are welcome to hike at the Center Monday-Saturday, 8:30 am – 4:30 pm and Sunday, 1:00 – 4:30 pm. Please note that due to these new policies, Schuylkill Center staff may not always be available at the Education Building, in the case of an emergency.



Members

January 1 - March 31, 2006

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Breinig Family

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Mr. Ben Huggett & Ms. Laura Huggett

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Ms. Jessica Mica

Melanie Pello

Ms. Mary Ellen Porreca

Ms. Amy Raphael

Jade Regavim

Mathew J. Rosenberg

Schuylkill River Heritage Area

Ms. Tami Seymour

Ms. Marie Shanahan

Mr. & Mrs. Clayton Smith

Transcontinental Direct Philadelphia

Mr. & Mrs. Orest O. Wirstiuk

Mr. David Wolf

We would like to specially thank all of our new members for joining! Please let us know if you prefer to see your name with a different spelling or format by calling Sarah James at (215) 482-7300, ext. 117. Membership contributions received after March 31st will be acknowledged in our next issue of *The Quill*.



SPECIAL DONATIONS SUPPORT THE CLINIC



Shown with one of the 22 infant incubators donated by Hahnemann University Hospital is Rick Schubert, SCEE Director of Wildlife Rehabilitation, along with Hahnemann University Hospital and Encore Medical Group, Inc. representatives.

The community is the lifeblood of The Schuylkill Center's Wildlife Rehabilitation Clinic in every way, not only for the countless hours of labor that our volunteers put in to keep all of our patients fed, cleaned, and cared for, but also for the items that they donate on a regular basis.

On April 5th, Hahnemann University Hospital donated 22 infant isolette incubators to the Clinic. These units are critical to our wildlife care and literally increase our effectiveness of treating patients tenfold. The incubators used before Hahnemann's donations were homemade devices including plastic tubs and highly inaccurate aquarium lights as a heat source. The Clinic kept 6 newly donated incubators and distributed the surplus to other wildlife centers in Pennsylvania, including Red Creek Wildlife Center and the Mercer County Wildlife Center.

In addition, Dawn Knipmeyer, a Clinic volunteer, along with students from The School in Rose Valley

and feathers



Various baby mammals receive care from the newly installed incubators. The excess incubators were redistributed by the Clinic to other wildlife centers throughout Pennsylvania.

(Delaware County) recently donated their time to construct 32 squirrel nest boxes. The nest boxes, used as safe havens for rehabilitated squirrels, were installed in the large outdoor squirrel cages at the Clinic. In fact, the nest boxes are already occupied by the orphaned and injured squirrels that we treated during spring 2006! When the treated squirrels are mature and healthy enough to be released, Clinic staff moves the boxes and reinstalls them in trees at a specified release site. In this way, the animals have food readily available and shelter while they acclimate to the wild. As the animals' confidence grows, they gradually leave the boxes and reacquire themselves with nature. Clinic staff then collects the boxes from the release site for use with the next batch of injured and orphaned squirrels.

For more information about volunteering or donating items to the Clinic, visit our website at www.schuylkillcenter.org and click on "Wildlife Rehab Clinic".

W I S H L I S T

GIFT CARDS

- ◆ ACME
- ◆ PETCO
- ◆ Lowes/Home Depot
- ◆ Staples

ANIMAL CARE AND HANDLING

- ◆ Unscented liquid laundry detergent
- ◆ Chlorine Bleach
- ◆ Dawn dish detergent
- ◆ Food storage bags (gallon size)
- ◆ Heating pads
- ◆ Rubber gloves (S, M, L, and XL)
- ◆ Moist towelettes (unscented, no lotion)
- ◆ White, unscented paper products (i.e. toilet paper, paper towels)
- ◆ Bath towels

ANIMAL FOOD

- ◆ Canned dog food, any flavor (no lite or special diet)

- ◆ Puppy chow
- ◆ Baby rice cereal
- ◆ Jarred baby food (fruit, vegetables or meat)
- ◆ Wheat germ
- ◆ Corn meal
- ◆ Regular dry Purina cat chow
- ◆ Unsweetened applesauce
- ◆ Any dry dog food with chicken, beef, or lamb as first ingredient

MEDICAL SUPPLIES

- ◆ French catheters 3.5, 5, & 8
- ◆ Telfa pads
- ◆ Hemostats
- ◆ Latex exam gloves (M & L)
- ◆ Vet wrap (1'x 2' & 4')
- ◆ Bandage scissors
- ◆ Tegaderm 1620
- ◆ Pedialyte oral electrolyte solution, unflavored
- ◆ Rolled gauze or gauze pads



2006 PHILADELPHIA ENVIROTHON AND ITS WINNERS!



Teams throughout Philadelphia tested their knowledge of various environmental science topics at the 2006 Envirothon. Students shown here were participating in the Forestry Station.

The 2006 Philadelphia County Envirothon was held on the temperate, sunny day of Friday, April 28th at The Schuylkill Center. Fifteen student teams from ten Philadelphia high schools gathered here to participate in the annual environmental science competition. Annually, Rohm & Haas Company provides generous funding to support the students and their teachers as they study the five content areas of the Envirothon including: Pennsylvania Wildlife, Aquatic Ecology, Soil Science, Sustainable Forestry and this year's Current Issue, Water Stewardship in a Changing Climate. The Center hosted five after school workshops with mentors from various state agencies. These workshops provided time to explore the content areas more deeply, an opportunity to learn from the landscape at the Center, and a chance to interact with students from other schools in the Envirothon.

SCEE AND ARCADIA UNIVERSITY: EDUCATING ADULTS TOGETHER

The Schuylkill Center has a long history of partnership with institutions of higher learning, including Arcadia University in Glenside, PA. Graduate students enrolled in the Arcadia Master's degree programs in Science Education may select from eight courses offered at the Center, including Earth Science, Environmental Science, Aquatic Ecology, Meteorology, Human Ecology, Natural History, Environmental Education and Society and the Environment. The courses meet in the late afternoon, a convenient option for working professionals,

The overall winner of the 2006 Philadelphia County Envirothon is W.B. Saul Agricultural High School. Their team also attended the Pennsylvania Envirothon on May 22nd and 23rd in Mount Alto, where they participated in written and oral exams along with the other Pennsylvania county winners. The winner of the state competition will then move onto the Cannon National Envirothon in Manitoba, Canada!



The 2006 Philadelphia County Envirothon winners were from W. B. Saul High School of Agricultural Sciences. The students traveled onto the state-wide competition at the end of May

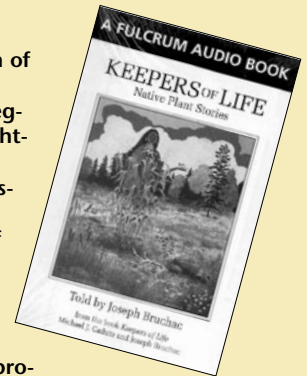
At this year's Metamorphosis Awards on June 6th, the first Henry Meigs Scholarship Award was granted to the three Envirothon teams from Olney 704 High School, in honor of the dedication they and their teachers demonstrated during the learning and competition phases of the competition. As part of their award, students were treated to a special excursion in Cape May, NJ, including a naturalist-guided boat ride through the back bay and an expedition to other natural features of the area.

and make extensive use of the natural landscape and educational resources at the Center. Students in the final phases of their programs may opt to complete a culminating project at the Center which focuses on Environmental Education. If you are interested in becoming certified to teach science, or would like to gain knowledge related to another environmental career, please contact Deborah Pomeroy, Ed.D., Arcadia's Coordinator of Science Education Programs at 215-572-2123 or pomeroyd@arcadia.edu.

book store

The Keepers of Life: Native Plant Stories Audio Book

Told by Joseph Bruchac, Written by Michael J. Caduto and Joseph Bruchac

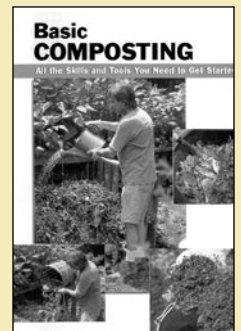


This collection of unique stories draws upon legends from eighteen different tribes and illustrates the importance of plant life in Native American traditions. This two-tape set promotes responsible stewardship toward all living things.

Basic Composting

By Eric Ebeling

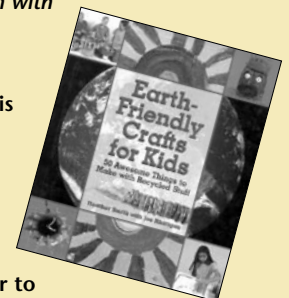
These step by step instructions will help readers make perfect compost. This book helps you determine your composting needs as well as the type of equipment required, how to build a compost pile, and uses for finished compost.



Earth-Friendly Crafts for Kids

By Heather Smith with Joe Rhatigan

Developed with kids in mind, this book teaches them how to recycle while making cool projects. Use glass, plastic, metal and paper to develop useful and fun items. This book is sure to please children on a rainy day!



Hours of operation are:
Mon-Sat 8:30 am-4:30 pm





The Schuylkill Center

for ENVIRONMENTAL EDUCATION

8480 Hagy's Mill Road
Philadelphia, PA 19128

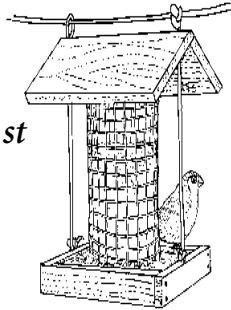
Phone: 215-482-7300
Fax: 215-482-8158
E-mail: scee@schuylkillcenter.org
Web: www.schuylkillcenter.org

Wildlife Rehabilitation Clinic
Phone: 215-482-8217
Fax: 215-482-4981

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FALL BIRD SEED SALE

*Weekend of September 30th/October 1st
See Calendar of Events for details.*



Gift Membership

Have you thought about the perfect gift? Why not give the gift of a Schuylkill Center membership. There are year round activities for "kids" of all ages. Why not ease your yearly giving hassle and call 215-482-7300, ext. 117 to order your gift membership today. Some of the benefits of membership include: unlimited admission, discounts at the bookstore, special invitations to member-only events and much, much more!

Individual: \$40

Family: \$60

Wildlife: \$75

Contributing: \$100

Carson Fellow: \$250

Leopold Fellow: \$350

Seton Fellow: \$500

Thoreau Fellow: \$1,000

festival ~of~ Insects



Learn all about insects at this hands-on festival!

Children can enjoy crafts and an up-close look at unique critters.

Parents don't miss our Integrated Pest Management workshop at 2:00 pm!



Sunday, September 24th

12:00 - 3:00 pm

\$5.00 per person
(\$20 max per family)



Printed on paper with a minimum of 50% total recycled fiber including a minimum of 30% post-consumer content.