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News for Members of the Water Environment Federation

### U.S. Stockholm Junior Water Prize Winner Announced

Athryn VanderWeele, of Portland, Ore., has been named the U.S. winner of the Stockholm Junior Water Prize (SJWP). The 15-year-old freshman at Oregon Episcopal School (Portland) will compete in the international competition recognizing students for excellence in water science research.

VanderWeele studied "Removal of Arsenic from Drinking Water by Water Hyacinths." Her research was selected from a pool of 46 projects representing 45 states and Puerto Rico at the national competition in Portland, June 16–18.

"Internationally, arsenic in drinking water is a major public health and environmental issue," explained SJWP nominations chair Dr. Charles Sorber, University of Texas. "VanderWeele researched a low-cost, low-tech, highly effective process called phytoremediation, which has worldwide application. She demonstrated the ability of water hyacinths to absorb arsenic in their root stems and biomass and determined to which point plants were effective in the reduction."

VanderWheele was awarded \$2500 and an all-expenses-paid trip to Stockholm, Sweden. (At press time, she was slated to compete against winners from more than 30 other countries for the international honor during World Water Week, Aug. 20-27. HRH



Above are the state-level winners for the 2005 U.S. Stockholm Junior Water Prize competition. In the center of the first row, holding her award, is the national winner, Kathryn VanderWeele. She will compete in Stockholm for the international title.

Chrown Princess Victoria of Sweden presents the award during a ceremony held in conjunction with the Stockholm Water Symposium. The laureate receives a \$5000 scholarship and a crystal sculpture.)

Three U.S. finalists were also awarded \$500 each: Daria Zelasko, Chicago, Ill., for the project "Benevolent Bacteria: Indigenous Bacterial Remediation"; Elizabeth Welsh, Proctor, Minn., for the project, "The Use of Barley Straw to Control Algal and Macrophyte Growth on Wild Rice Lake—Pre and Post-Eutrophic Conditions"; and Megan Conroy,

Export, Pa., for the project, "Acid Mine Drainage Remediation Year II."

VanderWeele and the three finalists' schools will each receive a \$1,000 grant to enhance water environment education made possible through support from the U.S. Environmental Protection Agency Office (EPA) of Research and Development. VanderWeele will also be invited to present her research to more than 15,000 water environment professionals at WEFTEC®.05, Oct. 29–Nov. 2, in Washington D.C.

For more information, visit www.sjwp.org.



# WEF Young Professionals Reach Out to Manufacturers and Reps

Tow many of your young employees are members of the Water Environment Federation (WEF; Alexandria, Va.)? And why should you

These are important questions the WEF Manufacturers and Representatives Committee (MARC) urges you to consider. Here's why:

WEF membership is aging. The average age of its membership goes up every year, while the influx of young members (those under 35) does not keep pace. The organization risks losing its strength and vitality if it can't reverse this trend.

MARC is committed to helping change the situation. Within the ranks of WEF's manufacturer and representative firms are hundreds of potential young members. By joining WEF, they would not only benefit professionally but would also help their employers build new business relationships. WEF is launching a campaign to get manufacturers and representatives to take advantage of sponsoring additional younger members from within their organizations. Here is the value to you:

- **Recognition.** By sponsoring young members, you are supporting WEF and show that you care about giving back to the profession.
- **Relationships.** At both the Member Association (MA) and WEF levels,

young members gain access to a wide-ranging network of contacts such as equipment users, consulting engineers, regulators, and educators. These relationships are critical for developing your businesses.

- **Learning.** Young members are exposed to changes in technology, management, operations, and best practices. This exposure helps their companies stay current and strategize for the future of their businesses.
- Skill sets. WEF membership helps employees develop skills in communications, negotiations, interpersonal relationships and ability to work with others.
- **Opportunities.** WEF has numerous important committees that are looking for new participants at both the MA and WEF levels. Young members have opportunities to deliver papers at conferences, get involved in planning, receive WEF publications and other benefits that allow young members and their employers to realize the rewards of contributing to an organization committed to stewardship of the environment.
- **Cost-benefit.** The cost of WEF young membership is nominal — in the range of \$40 to \$50 a year. And while not everyone can afford to attend national conferences, the

expense of participating in WEF activities at the local and regional level is very reasonable.

To enroll a young professional into WEF membership, please contact WEF at (800) 666-0206. For a minimal cost, membership will reap great rewards for your company.



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**What:** WEF Session at the IWA World Water Congress

**When:** September 10–14, 2006

Where: Beijing, China

CALL FOR PAPERS CLOSES OCTOBER 31, 2005

Visit www.wef.org for details or e-mail nbauer@wef.org or call 703-684-2400, Ext. 7010, to request information.

## Scouts Learn About Water Quality at 2005 Jamboree

young Scout emerged from a sewer Apipe in the Water Environment Federation's (Alexandria, Va.) environmental exhibit of the Boy Scout Jamboree's Conservation Environment area (Fort A.P Hill, Va.) full of questions. He wanted to know more about how wastewater was treated and if he could tour the treatment plant in his hometown. To the volunteers staffing the exhibit — all former or current water quality professionals — it was music to their ears.

Most kids understand they need water, but how it is cleaned and reused might not be as familiar. For instance, what happens to oils and greases if you pour them down the drain? Or, can recycled waste really be used as fertilizer? Scouts going through the exhibit get first-hand answers to these questions. "The WEF exhibit at the (2005 National Scout) Jamboree really enables us to get the messages out [about water

quality protection] to the younger generations," said exhibit co-organizer Tim Madhanagopal.

At the exhibit, Scouts can crawl through a large sewer pipe, learn about biosolids recycling, and identify what watershed they live in. And, according

to organizers, it's a hit every year. "We have averaged about 15,000 (visitors) for each jamboree," said exhibit coorganizer Ken Spear. The Water Environment Federation first sponsored the exhibit in 1997.



Volunteers for the Boy Scout Jamboree stand in front of the WEF hands-on exhibit designed to teach Scouts about the aspects of conservation and preservation.



# D.C. 101 – A GUIDE TO SEE THE TOWN!

#### The Basics

Located midway along the eastern seaboard of the United States, south of Maryland, north of Virginia and 233 miles south of New York City, the Washington, D.C., metropolitan area refers to the District of Columbia, plus seven Maryland counties, five Virginia counties and six Virginia cities. Warm weather usually prevails from April until as late as October.

The District of Columbia is 67 square miles and divided into 4 quadrants: NW, SW, NE, and SE. The population is approximately 572,000 in D.C. proper and 5.4 million for the entire metro area.

Washington's primary industry after the federal government is tourism. Other important industries include trade associations, as the District is home to more associations than any other U.S. city; law; higher education; medicine/medical research; government-related research; and publishing. Sales tax is 5.75%.

#### PLACES TO SEE

#### **Arlington National Cemetery**

Arlington, Va. 22211 Phone: (703) 607-8000

Web: www.arlingtoncemetery.org

Arlington National Cemetery, our nation's most treasured burial ground, is home to more than 285,000 honored dead. Among the thousands of white headstones are the graves of President John F. Kennedy, Supreme Court Justice Thurgood Marshall, world champion boxer Joe Louis, and the Tomb of the Unknowns. Open daily 8 a.m. - 5 p.m. Free Admission.

#### Ford's Theatre

511 10th St. NW Washington, D.C. 20004 Phone: (202) 347-4833

Toll Free: (800) 899-2367 Web: www.fordstheatre.org

As a living tribute to Abraham Lincoln's love of the performing arts, Ford's Theatre presents plays and musicals underscoring multi-culturalism and highlighting the eclectic character of American life. With productions from September to June, Ford's Theatre is both a working theatre and a historical monument open to the public.

#### Hirshhorn Museum & Sculpture Garden

7th St. & Independence Ave. SW Washington, D.C. 20013 Phone: (202) 633-1000 Web: www.hirshhorn.si.edu

Collection of 19th- and 20thcentury paintings and sculpture in a striking cylindrical museum and adjoining outdoor garden. Changing exhibitions explore the newest trends in modern art. Open daily 10 a.m. -5:30 p.m. Guided group tours and tours for visitors with disabilities by appointment; call (202) 633-3382.

#### International Spy Museum

800 F St. NW

Washington, D.C. 20004 Phone: (202) 393-7798

Web: www.spymuseum.org

Featuring the largest collection of international espionage-related artifacts open to the public, the museum chronicles the history of spying throughout the ages, across the globe, and today.



#### **Jefferson Memorial**

Tidal Basin South End Washington, D.C. Phone: (202) 426-6841

Beneath the marble rotunda, the 19-ft statue of the third U.S. president is surrounded by passages from the Declaration of Independence and other famous Jefferson writings. Open daily. Free. Park ranger in attendance 8 a.m. - midnight.

#### Korean War Veterans Memorial

Independence Ave. at the Lincoln Memorial Washington, D.C. Phone: (202) 426-6841 Web: www.nps.gov/kwvm

Built by the Korean War Veterans Memorial Advisory at a cost of \$18 million in donated funds, this memorial, located on a 2.2-ac site adjacent to the Lincoln Memorial Reflecting Pool, features a sculptured column of 19-ft soldiers arrayed for combat with the American flag as their symbolic objective. A 164-ft mural wall is inscribed with the words, "Freedom Is Not Free" and is etched with 2,500 photographic images of nurses, chaplains, crew chiefs, mechanics, and other support personnel to symbolize the vast effort that sustained the military operation. Open daily 8 a.m. - midnight. Free.

#### **Lincoln Memorial**

Independence Ave. & 23rd St. NW Washington, D.C.

Phone: (202) 426-6841 Web: www.nps.gov/linc

This grand monument overlooks the Reflecting Pool, the Washington Monument and the U.S. Capitol. Inside, the 19-ft marble statue of the 16th president is flanked by inscriptions of his Second Inaugural Address and the famous Gettysburg Address. Open daily. Free. Park ranger in attendance 8 a.m. - midnight.

#### Marine Corps Memorial Iwo Jima Statue

Route 50 near Arlington National Cemetery Arlington, Va. 22101 Phone: (703) 289-2500 Fax: (703) 289-2598

One of the largest bronze statues ever cast, this memorial commemorates all the Marines who have died in battle since 1775. The 32-ft high figures are shown erecting a 60-ft bronze flag pole from which a cloth flag flies 24 hours a day. Felis W. deWeldon created the monument from a famous photograph showing the flag being raised on Mount Suribachi during World War II. Open 24 hours. Free.

#### **Mount Vernon: George** Washington's Estate & Gardens

George Washington Pkwy. Mount Vernon, Va. 22121 Phone: (703) 780-2000 Fax: (703) 799-8609 Toll Free: (800) 429-1520 Web: www.mountvernon.org

Explore George Washington's estate overlooking the Potomac River and discover 45 acres of family fun, including hands-on activities, special tours, river cruises, farm animals, shopping, dining, and more. Open every day.

#### National Museum of the **American Indian**

4th St. & Independence Ave. SW Washington, D.C. 20013 Phone: (202) 633-1000 Web: www.americanindian.si.edu

Centerpiece for preservation, study and exhibition of the life, arts, culture and history of the native peoples of the Western Hemisphere. Also features educational and public programs, including ceremonies and performances. Free, but timed passes



may be required if visitation is heavy; call for details. Open daily 10 a.m. -5:30 p.m.

#### National World War II Memorial

17th St. & Independence Ave. NW Washington D.C. 20001 Web: www.wwiimemorial.com

Located between the Washington Monument and Lincoln Memorial. this memorial honors the 16 million who served during WWII and those who supported the war effort from home. The memorial features two 43-ft arches, a 17-ft pillar for each state and territory from that period and a field of 4000 gold stars honoring the more than 400,000 who died. A series of bronze sculpture panels depict Americans at war, at home and overseas. Free.

#### **United States Holocaust Memorial Museum**

100 Raoul Wallenberg Pl. SW Washington, D.C. 20024 Phone: (202) 488-0400 Fax: (202) 488-2695 Web: www.ushmm.org

Located between 14th St. and Raoul Wallenberg Pl. SW (formerly 15th St.), this internationally acclaimed museum tells the story of the Holocaust through artifacts, films, photos, and oral histories. Open daily 10 a.m. - 5:30 p.m.. Timed passes required to view the permanent exhibition. Passes are not required for entering the museum, 'Remember the Children: Daniel's Story' or special exhibitions. Free passes are given out daily on a firstcome, first-served basis. Advance passes may be purchased through tickets.com at (800) 400-9373 and

www.tickets.com. A service fee applies.

#### Vietnam Veterans Memorial

Constitution Ave. & Henry Bacon Dr. NW Washington, D.C. 20001 Phone: (202) 634-1568 Web: www.nps.gov/vive

The black granite walls of this moving V-shaped memorial are inscribed with the names of more than 58,209 Americans missing or killed in the Vietnam conflict. Frederick Hart's life-size bronze sculpture depicts three young servicemen. Open 24 hours. Park ranger on site 8 a.m. - midnight.



#### **Washington Monument**

15th St. & Constitution Ave. NW Washington, D.C. 20001 Phone: (202) 426-6841 Toll Free: (800) 967-2283 Web: www.nps.gov/wamo

The National Park Service re-opened the Washington Monument for visitation April 1. Visitors wishing to reserve Washington Monument tickets should call (800) 967-2283. There is a \$1.50 service charge and \$0.50 shipping fee. Free same-day timed tickets are available beginning at 8:30 a.m. at the 15th Street kiosk. The monument is open daily 9 a.m. - 5 p.m.

# Getting Around Our Nation's Capital

Metrorail and Metrobus provide the safest, cleanest, and most efficient way of getting around Washington, D.C., and the metropolitan suburbs. Five rail lines and an extensive bus system connect the District with the Maryland and Virginia suburbs. Train lines are named for colors: red, yellow, blue, green, and orange. Station

entrances are marked by brown pylons, capped with the letter "M," and colored stripes indicate which lines are available.

Route maps are posted at each station and inside each subway car. Metrorail opens 5:30 a.m. weekdays and 7 a.m. on weekends. It closes at midnight Sunday to Thursday. On Friday and Saturday nights, it stays open until 3 a.m. Each train displays the name of its farthest destination. Base subway fare is \$1.35 and increases during rush hour and for longer trips.



Rail farecards can be purchased at vending machines located inside the stations. Farecards are inserted into the turnstile gates to enter and exit subway platforms. The fare is automatically deducted each time you exit a station. To continue your trip by Metrobus, obtain a

transfer at your originating station before boarding the train. Buses travel to Georgetown and other areas not serviced by the subway.

To obtain schedules for connecting Metrobus service, locations of Metro sales offices, and other public transportation information, call Washington Metropolitan Area Transit Authority at (202) 637-7000. For bulk fares and/or bonus offers on farecards for large groups, call (202) 962-1326.

#### **Metro Safety Tips**

Although the traveling by Metro is a safe and convenient way to explore the area, it is important to remember that, as in other metropolitan areas, crime does occur. The Washington Metro Transit Authority offers the following tips for traveling on the Metro:

- When waiting for a train, stand near other passengers. Do not stand on the platform's granite edge.
- Promptly leave the platform after exiting the train.
- In the event that station evacuation is necessary, listen for instructions on the loud-speaker system.
- Don't purchase a Metro farecard or pass from people on the street. It might be counterfeit.
- Always keep your jewelry and other valuables out of sight. Turn rings so that precious stones are on the palm side of your hand.
- Keep a firm grip on your purse. However, avoid wrapping the strap around your hand or wrist.
- To prevent others from knowing where and how much money you are carrying, purchase a multi-ride farecard or a Metrorail pass.
- If you need directions, ask the Metro station manager.
- · Never sleep on a train or bus.

# **Exploring Neighborhood Eateries**

#### Alexandria, Va.

Founded in 1749 and listed on the National Register of Historic Places, Alexandria is known for its abundance of 18th- and 19th century architecture. But it is equally known for its chic boutiques, national retail shops, fine art and antique galleries, and award-winning restaurants.

# BLUE POINTE GRILL 600 Franklin St. (703) 739-0404

Open daily for lunch and dinner, Sunday for brunch.

Seafood is the name of the game here. There is an attractive raw bar near the entrance with oysters, clams, mussels, shrimp, and lobster. A comfortable interior and a spacious veranda for dining in good weather enhance the experience. Quality is high, and while prices are not cheap — excellent oysters are \$12 a half dozen, appetizers average \$10, and main courses are between \$20 and \$29 — you get what you pay for.

# 219 RESTAURANT 219 King St. (703) 549-1141 www.219restaurant.com

Experience authentic Creole/low French cuisine in New Orleans-style, Victorian era restaurant/patio. Fresh seafood and prime steaks. Sunday brunch. Accommodates groups to 50.

MURPHY'S IRISH PUB 713 King St. (703) 548-1717 www.murphyspub.com

Old World Irish pub serving robust

American—Irish foods including fish and chips and Irish stew. Irish-style entertainment nightly. Accommodates groups to 100.

#### Arlington, Va.

Located only a few hundred feet across the Potomac River from Washington, D.C., Arlington shares a common history with our nation's capital, connecting it to Washington, D.C., from the very day the city was first conceived.

#### AEGEAN TAVERNA 2950 Clarendon Blvd. (703) 841-9494

Open for lunch and dinner Monday through Friday, dinner only on Saturday, and brunch and dinner on Sunday.

Decorated with Hellenic statues,

pottery, and icons — has a very Greek menu. In warm weather, there's outdoor seating with a canopy of grapevines. Live music on Fridays and Saturdays.

#### **CARLYLE** 4000 S. 28th St. (703) 931-0777

Open daily for lunch and dinner, Saturday and Sunday for brunch.

Fine beginnings are the fried bluecrab fritters inside a tangle of phyllo threads with roasted-red-pepper corn salsa, crispy salt-and-pepper calamari on a bed of roasted tomato and garlic butter, and steamed lobster pot stickers with spicy lobster-ginger butter. Good main courses are the superb sauteed jumbo lump crabcakes with a remoulade sauce and slender Frenchfried potatoes; a chicken paillard with sun-dried tomatoes, sweet onions,

and arugula on angel hair pasta; and hickory smoked and grilled Black Angus rib-eye steak with parmesan potatoes. The excellent cheeseburger is served upstairs and down, where the crabcake sandwich is also a lunch attraction.

#### LAYALINA 5216 Wilson Blvd. (703) 525-1170

Open Tuesday through Sunday for lunch and dinner.

Diners here feel that they are in a Middle Eastern cocoon, with rugs on the floor and the walls, soft cushions, and pretty artifacts. Service is conscientious. The owners, a couple from Lebanon and Syria, have put together a fine restaurant.

#### RAY'S THE STEAKS 1725 Wilson Blvd. (703) 841-7297

Open daily for dinner. No wheelchair access.

This is a casual restaurant that places the emphasis on the food. Decor is plain, almost nonexistent. The exposed kitchen is in the rear. Chef Michael Landrum spends most of his time in the kitchen but makes frequent trips out front to see that his customers are happy. He is a fount of knowledge on the fine wine list.

(All restaurants listed were found to have positive reviews by the annual Washingtonian Magazine Restaurant Guide, or were listed on the Alexandria or Arlington Visitor's Bureau Web sites. This list does not represent endorsement by the Water Environment Federation.)

# **Navigating the City Streets ... Safely**

visit to Washington, D.C., can be Aan exhilarating and exciting adventure. To help make your trip to D.C. as fun and safe as possible, the Washington Metro Police Authority offers the following safety tips:

#### Personal Safety Tips on the Street

- If possible, don't walk alone during late-night hours. Walk in groups whenever you can — there is always safety in numbers.
- Let a family member or friend know your destination and your estimated time of arrival or return. That way, the police can be notified as quickly as possible if there is a problem.
- Stay in well-lit areas as much as possible. Avoid alleys, vacant lots, wooded areas, and other short cuts or secluded areas. They are usually not well-lit or heavily traveled.

- Walk on the sidewalk whenever possible. Walk close to the curb, avoiding doorways, bushes, and other potential hiding places.
- If you have to walk in the street, walk facing traffic. A person walking with traffic can be followed, forced into a car, and abducted more easily than a person walking against traffic.
- Walk confidently, directly, and at a steady pace. Don't stop to talk to strangers.
- Wear clothing and shoes that give you freedom of movement. And don't burden yourself with too many packages or items.
- Always be aware of your surroundings. If you are wearing headphones, don't turn up the volume so high that you cannot hear outside noises.
- Never hitchhike or accept rides

- from strangers.
- Report any suspicious activity or person immediately to the Metropolitan Police Department at 3-1-1. Or, if it is an emergency, dial 9-1-1.
- Avoid carrying large sums of cash, or displaying expensive jewelry in public.

#### Automated Teller Machine (ATM) Safety Tips

- Try to use terminals located in banks rather than independent ter-
- Be aware of your surroundings. Look around before conducting a transaction. If you see anyone or anything suspicious, cancel your transaction and go to another ATM.
- If you must use an ATM after hours, make sure it's well-lit.
- Never walk away from an ATM continued on page 8

#### **Navigating the City Streets ... Safely** continued from page 7

- with cash still in hand. If you are going to count your money, do so at the ATM.
- When making an ATM transaction from your car, be aware of your surroundings. Keep your eyes and ears open, and keep car doors locked.

#### When You're Away from Home And Out for a Jog

Many people who exercise like the idea of maintaining their regimen when they are traveling. But remember, just because you are away from home doesn't mean you can let your guard down when you exercise.

· Check with the hotel staff or concierge to find safe routes for

- exercise. If there is not an acceptable place to exercise outdoors, see if the hotel can arrange access to a health club or gym.
- Become familiar with your exercise course before you start. Get a map and study it.
- Remember the street address of the hotel. Carry a card with your hotel address along with your personal ID.
- Leave your room key with the front desk.
- Follow your usual safety rules.

#### **Tips for Travelers**

No one ever expects to have their vacation or business trip interrupted by a criminal act, but there are additional precautions that you can take to help ensure a safe, enjoyable trip:

- Pack a photocopy of your airline tickets, passport, credit cards and any other documents that would be impossible or inconvenient to replace if stolen.
- Keep a list, separate from your wallet, of contact numbers to report lost credit cards.
- Don't wander into risky areas alone or at night, and try to avoid buses that are "standing room only."
- It's always a good idea to carry your valuables in a money belt and leave your expensive jewelry at home.



