

## Exhibits in the Science West Building

### Room 12

- 1 **Chemistry Can Be Illuminating.** Montgomery College, Dept. of Chemistry, Rockville Campus. Timothy Watt & Tricia McCole, Rockville.

### Room 14

- 2 **Chemistry Fun.** Montgomery College, Dept. of Chemistry, Rockville Campus. Nevert Tahmazian. David Neumann, Bob Brenneman, & Glen McLeod, Rockville.

### Room 16

- 3 **Reactions of Acids and Bases in Everyday Life.** Montgomery College, Dept. of Chemistry, Rockville Campus. John Hoffsommer, Silver Spring.

### Room 132/33

- 4 **Biology Science in Our World.** Montgomery College, Dept. of Biology, Rockville Campus. Jessica Baack.

## Exhibits in the Science East Building

### Room 322

- 5 **Using the Internet to Make Your Own Forecasts.** Montgomery College, Dept. of Physics, Geoscience and Engineering, Rockville Campus. Terry Dyroff, Silver Spring.

## Physical Education Center

- 6 **Rockville Consortium for Science: Science Day Information Desk.** Rockville Consortium for Science. Bob Ekman, Phyllis Marcuccio, and David McGinnis, Rockville.

### Gym

- 7 **Racing Homing Pigeons.** Washington Metro Racing Pigeon Concourse. John Celia, Silver Spring.

- 8 **Birds in Montgomery County: Around the Globe to Our Backyard.** Montgomery Bird Club. Karen Stewart. Hugh Mahanes, Chevy Chase.

- 9 **Exotic Birds and Other Pets.** Animal Exchange. Ruth Hanessian, Rockville.

- 10 **Public Forests of Maryland.** Maryland Alliance for Greenway Improvement and Conservation (MAGIC). Bob DeGroot, Rockville.

- 11 **Global Warming: Greenhouse Effect Demonstration and Game.** Sierra Club of Montgomery County. Ron LaCoss & Dawn Walker, Wheaton.

- 12 **From Spark to Space ... The Evolution of Ham Radio.** Montgomery Amateur Radio Club. Mona Singleton, Rockville. (North Parking Overhang)

- 13 **Energy Efficiency for Your Home and Business.** City of Rockville Commission on the Environment. Faith Klareich, Rockville.

- 14 **Federation of Galaxy Explorers: Exploring Space.** Federation of Galaxy Explorers. Nick Eftimiades, Silver Spring.

- 15 **Mars: A Science Lab for Deep Questions.** The Mars Society. Tom Hill, Olney.

- 16 **High School Engineering: Robots and Rockets.** Lockheed Martin Exploring Program. Bob Ekman, Gaithersburg.

- 17 **Young Minds at Play.** MCCPTA-EPI Hands On Science. Mary Shafer, Silver Spring.

- 18 **Archeology Under the Bulldozer.** Peerless Rockville Historic Preservation. Maizie Cummings, Rockville.

- 19 **St. Elizabeth's Hospital History.** St. Elizabeth's Hospital. Suryabala Kanhouwa, Washington, DC.

- 20 **Recycling in Montgomery County.** Montgomery County Recycling. Alan Pultyniewicz, Rockville.

- 21 **Rain Barrels, Rain Gardens and Low Impact Development.** College Gardens Civic Association. Paul O'Brien, Rockville.

- 22 **What Can Aquatic Insects Tell Us About Streams?** City of Rockville. Nate Wall, Rockville.

### Classroom 134

- 23 **Worldwide Fluorescent Minerals.** Gem, Lapidary and Mineral Society of Montgomery County. George Durland, Potomac.

### Classroom 135

- 24 **Facilitating Bio-Literacy with Hands-On Science.** DNA Depot. Vasna Nontanovan & Jack Chirikjian, Bethesda.

### Classroom 136

- 25 **Thinking Like a Scientist in Your Own Backyard.** Clarence Hickey, Rockville.

### Classroom 116

- 26 **Model Rocketry and Rocket Launch.** NARHAMS. Jennifer Ash-Poole, Tom Ha, John & Mary McCoy, Severn

### Gym Doorway

- 27 **Connecting Rockville Citizens.** Rockville Community Network. Roald Schrack, Jonathan Walker, & Mary Alice McDonough, Rockville.

### Gym Hallway

- 28 **Introducing the Public to Reptiles.** Reptile Wonders. Brian Kristal, Germantown.

## Outdoors

- 29 **Solar, Electric and Hybrid Cars and Motorcycles.** Electric Vehicle of Greater Washington. Charles Garlow, Silver Spring.

- 30 **Sunspots—Properties of Light, Spectra, and Polarization.** Montgomery College, Planetarium. Harold Williams. Takoma Park.

### North Parking Lot

- 31 **Prius—a Hybrid Vehicle.** 355 Toyota. Parviz Heidari, Rockville

- 32 **Discover Genomics!** Science Education Program. J. Craig Venter Institute. Mc Donald Lisa, Rockville.

## SCHEDULE

**Noon to 1 p.m.:** Sign up for Model Rocketry Workshop, Gym, Room 116.

**1 p.m.:** AAUW Awards Ceremony in Music Building, Room 124.

**4 p.m.:** Rocket Launch, behind Gym, Athletic Field.

## HIGHLIGHTS

### Science West

*Chemistry and Biology Labs. Exhibits 1–4.*

### Gym

*Homing Pigeon Release. Exhibit 7.*

Amateur Radio. **Exhibit 12.**

Exploring Robotics. **Exhibit 16.**

Model Rocketry. **Exhibit 25.**

### North Parking

*Discover Genomics! Mobil Lab. Exhibit 31.*

## REFRESHMENTS

The Kiwanis Club of Rockville will sell refreshments to the public.

Light snacks will be given away to visitors, provided by local grocery stores.

## Science Day Committee

**Rockville Consortium for Science, Inc.**  
Robert Ekman, Sheila Marshall, Saba Mahboob,  
David McGinnis, Phyllis Marcuccio.

**Program production:** Catherine Lorrain.

**Logo:** Marilyn Burdette.

We are all saddened by the sudden passing of Sheila Marshall, our president, on April 5, 2005. In her honor, we hope you will help us make Science Day 2006 a great success.

We are accepting donations in her name made to the Rockville Consortium for Science, c/o David McGinnis, 17 Fairwood Ct., Rockville, MD 20850, 301-251-8744.

## The Rockville Consortium for Science, Inc.

The Rockville Consortium for Science, Inc. works toward increasing the understanding of science within the Rockville community. We plan to establish a community science center, which will become a focus for the community's science education resources and will be used to increase science literacy and encourage students to follow careers in science. We want to communicate the conviction that science is understandable, that the community prizes excellence in science, and that exploring the frontiers of science is a profoundly satisfying experience.

**For more information, call (301) 251-8744**

*or visit*

<http://www.rockvillescience.org/>

## AAUW 2006 Annual Award Winners for Outstanding Achievement in Mathematics or Science

American Association of University Women Montgomery County Interbranch recognizes these eighth-grade girls for outstanding promise and achievement in math and science. Kate Campbell Stevenson, Silver Spring.

**1:00 p.m. Sunday May 7, Music Building, Room 124.**

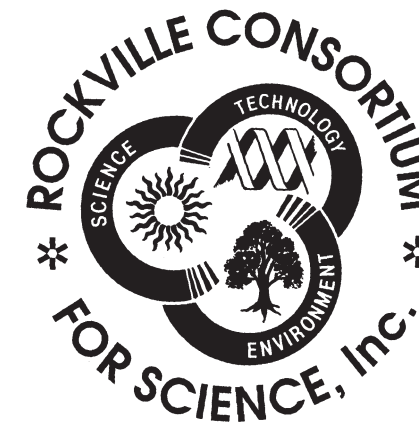
Ann Albricht, IBM, Business Unit Executive, and a member of the girls and technology task force in Montgomery Co will speak.

### Student

Deborah Ngan  
Jigisha Srivastav  
Jessica Huang  
Anna Vasylytsya  
Eileen Mantilla  
Cristina Dunn  
Abigail Tjornehoj  
Jennifer Fink  
Emily Burklow  
Wenjing Chen

### Middle School

Redland  
Redland  
Col. E. Brooke Lee  
Forest Oak  
Col. E. Brooke Lee  
Julius West  
John Poole  
Cabin John  
Robert Frost  
Robert Frost



# Rockville Science Day 2006 EXHIBITS

Sunday, May 7, 2006  
Noon to 5:00 p.m.

Montgomery College, Rockville Campus

### Exhibits located in:

Science West and Science East Buildings  
Physical Education Center,  
and Outdoors

### Organized by

Rockville Consortium for Science, Inc.

### Sponsors

City of Rockville  
Montgomery College, Rockville Campus  
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