

Outside

49. **Residential Geothermal Heating**, GeoSolar Energy, Mike Heavener, Ted Makowski (near Gym)
50. **Power From the Sun**, Electric Vehicle of Greater Washington, Charles Garlow, Jo Reyes (near Gym)
51. **Science Adventure Club**, Montgomery College Planetarium, Harold Williams (**Theater Arts Entrance**)
52. **Professional Astronomy, Science That Amateurs Can Do**, National Capital Astronomers, Jay Miller (Sundial)
53. **How Does a Sundial Work?** Montgomery College Mathematics Department, Richard Penn (Sundial)
54. **Kiwanis Café**, Kiwanis Club of Rockville, Tracy Bush, et al. (near Campus Center)
55. **DiscoverGenomics!** J. Craig Venter Institute, Crystal Snowden (parking lot)

Computer Science

56. **Creating Online and Mobile Games to Teach Environmental Science**, Montgomery College Computer Science Department, Deborah Soloman, Alla Webb (room CS16)
57. **Making Your First Web Site in Less than 30 Minutes**, Montgomery College Computer Applications Department, Melissa Lizmi (room CS22)

Chemistry and Biology (Science West)

58. **Chemistry Can Be Illuminating**, Montgomery College Chemistry Department, Timothy Watt, Tricia Watt, Abner Mintz (room SW12)
59. **American Chemical Society**, Robert Wiacek, Jennifer Young (room SW16)
60. **Chemistry in Action**, Montgomery College Chemistry Department, Nevart Tahmazian, Bob Brenneman, Virginia Miller (room SW14)
61. **Wonderful World of Biology**, Montgomery College Biology Department, Shawn Lester, James Sniezek (room SW133)

Event Schedule

- Noon - Opening Ceremony** - Gym Entrance
- Noon - 1:00 PM - Rocket Building Registration** - Campus Center, Faculty Dining Room
- 1,2,3 PM - Sundial Story**- Outside of Theater Arts
- 3:00 PM - Pigeon Release** - Outside of Gym
- 4:00 PM - Rocket Launch** - Field behind Gym

Food: Kiwanis Café - Outside Campus Center

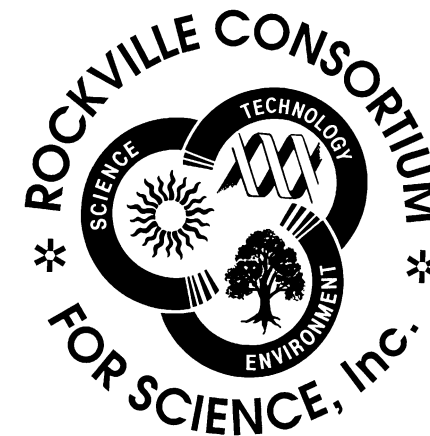
Rockville Consortium for Science

The Rockville Consortium for Science, Inc. works toward increasing the understanding of science within the Rockville community. We support the establishment of a community science center, which will become a focus for the community's science education resource. It 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 our community prizes excellence in science and that exploring the frontiers of science is a profoundly satisfying experience.

For more information, call 301-512-1278 or visit <http://www.rockvillescience.org/>

Science Day Committee

Rockville Consortium for Science, Inc.
Robert Ekman, Charles Gale, Saba Maboob,
David McGinnis, Phyllis Marcuccio, Maizie Rocke
City of Rockville JoAnn Grbach



Rockville Science Day 2010

Exhibits

**Sunday, April 25th, 2010
Noon to 5:00 P.M.**

Montgomery College, Rockville Campus

Exhibits located in
**Physical Education Center, Campus Center,
Science West, Computer Science,
Theater Arts and Outdoors**

Organized by
Rockville Consortium for Science, Inc.

Sponsors
**City of Rockville
Montgomery College, Rockville Campus
Rockville Science Center, Inc**

Event Center (Gym Entrance)

- 01. *Event Central***, Rockville Consortium for Science, Bob Ekman, David McGinnis, Phyllis Marcuccio, Saba Maboob, Charles Gale, Maizie Rocke
- 02. *Opening Ceremony***, American Legion Post 86, Dave Collins
- 03. *Science Every Day***, Rockville Consortium for Science, Saba Maboob
- 04. *Songs of Science***, Mike Rocke
- 05. *Thinking Like a Scientist in Your Own Back Yard***, Clarence Hickey

Nature and Environment (Gym)

- 06. *Hands-on Life Science for All Ages***, DNA Depot, Vasna Nontanovan (room PE135)
- 07. *Simonoff Geology and Mineralogy Display***, Jessica and Bob Simonoff
- 08. *Crystal Cave***, Gem, Lapidary and Mineral Society of DC, Michael Colella
- 09. *Reptile Wonders of the World***, The Nature Center on the Go, Brian Kristal, Alexandra Kristal
- 10. *Oyster Gardening on the Chesapeake Bay***, Jamie Attanasio
- 11. *Rockville in the Future: National Wildlife Federation (NWF) Certified Community Wildlife Habitat***, Rockville Community Wildlife Habitat Team, Jim Farrelly
- 12. *Creek Critters and Water Quality in Montgomery County***, Montgomery County Department of Environmental Protection, Jennifer St. John
- 13. *Recycling is Fun!*** Montgomery County Division of Solid Waste Services Recycling Section, Ana Arriaza
- 14. *'Cool' Energy Technology***, Montgomery County Department of Environmental Protection, Eric Coffman
- 15. *Soil Sleuths!*** City of Rockville Croydon Creek Nature Center, Melinda Norton, Elissa Totin

- 16. *Sustainable Rockville: Energy, Water Conservation, and Recycling***, City of Rockville Commission on the Environment, Kris Dighe
- 17. *The Science of Homing Pigeons as a Hobby***, Washington Metro Racing Pigeon Concourse, John Celia
- 18. *Animal Tracks and Signs***, Audubon Naturalist Society, Sara Krizek
- 19. *How Science and Research Helps Our Pets***, Animal Exchange, Ruth Hanessian
- 20. *Tuberculosis Vaccine Science***, Aeras Global TB Vaccine Foundation, Annmarie Leadman

Community and Education (Campus Center)

- 21. *Inspiring a Passion for Lifelong Exploration of Science***, Rockville Science Center, Jennifer Kaye, Mac West, Tim Fahey, Ed Eisenstein, Soo Lee-Cho
- 22. *Simulating the Spread of Infectious Disease***, Koshland Science Museum, Sapna Batish
- 23. *Discovering Science in Maryland***, Maryland Science Center, Pete Yancone
- 24. *Discovering the Past: Careers in Archaeology***, Archaeology Society of Maryland, Don Housley
- 25. *Improve Our World/Your Career with a Degree in Environmental Management or Biotechnology***, University of Maryland University College (UMUC), Jennifer O'Brien
- 26. *Clark School Design Projects***, University of Maryland, James Clark School of Engineering, Meredith DeMoss and the Clark School Ambassadors
- 27. *Women in Engineering Fields***, IEEE Women in Engineering, Varetta Huggins, RosDiana Ginocchi, Svetlana Arshavsky, Jayna Shah
- 28. *Engineering Applications in Medicine***, UMBC Mechanical Engineering, Liang Zhu
- 29. *Hands On Science***, MCCPTA-EPI, Pat Freitag
- 30. *Careers in Bioscience: DNA Extractions***, Towson University Center for STEM Excellence, Mary Stapleton
- 31. *See What a 'Make-It-Yourself' PC Looks Like***, Montgomery College Computer Club, Patti Secreto

- 32. *Math is Fun!*** Montgomery College Math Club, Fred Katiraie
- 33. *Watch What You Eat***, Montgomery College Nutrition Club, Sara Ducey
- 34. *Draw a Fundred***, Make a Difference, Fundred Dollar Bill Project, Ashley Johnson, Nancy Magnus
- 35. *You and Your Brain!*** Rockville Dahn Yoga Center, Cynthia Forry

Engineering and Technology (Theater Arts)

- 36. *Model Rocketry Workshop and Launch***, National Association of Rocketry (NARHAMS Chapter), Ed Pearson, et al. (Campus Center, Faculty Dining Room)
- 37. *Ham Radio Exhibit***, Richard Hayman
- 38. *Amateur Radio License Exam***, Laurel Amateur Radio Club, John Creel, WB3GXW (room TA108)
- 39. *Light Beams and Laser Beams***, American Physical Society, Ed Lee (room TA107)
- 40. *Advancing Innovation***, National Institute of Standards and Technology (NIST) Educational Activities, Susan Ford
- 41. *Phases of Matter: More than You Think***, National Institute of Standards and Technology (NIST) Quantum Institute, Ian Spielman
- 42. *Mars - Safe, Simple, and Soon***, The Mars Society, Robert Terry, Robert Hoover, Mohsen Marefat
- 43. *Standards and Research for Law Enforcement***, National Law Enforcement and Corrections Technology Center, Ron Pierce
- 44. *Flight Simulations***, Pre-Flight Inc, Richard Staton
- 45. *Federation of Galaxy Explorers***, Nick Eftimiades
- 46. *Watkins Mill High School Robotics Club***, Lockheed Martin, Engineers in the Classroom, Jim Morrison
- 47. *Rockets and Robots***, Lockheed Martin Engineering Explorer Post 1010, Bob Ekman, Stuart Brothers, et al.
- 48. *FIRST Robotics in Maryland***, Tom McCubbin, Bill Duncan