



Montgomery College
Youth Programs
www.montgomerycollege.edu/youth
 240-567-7917

A Special One-day Enrichment
 Program at Montgomery College
 for Gifted and Talented Students
 in Grades 4 & 5

Saturday Discoveries

Discover Science, Humanities, & The Arts!

Germantown Campus
 2020 Observation Drive
 Germantown, MD 20876



Saturday,
May 15th
8:30 a.m.- 2:50 p.m.

Students will attend four small group sessions. Instructors are from the Montgomery College faculty and staff, Montgomery County Public Schools, and the Montgomery County community. Saturday Discoveries accepts students on a first-come, first-served basis.

The cost for this one-day program is \$85. Although students are escorted between classes, staff members are available to assist students in locating their assigned classrooms. Parents are cordially invited to accompany their children to Saturday Discoveries at no additional charge. While students are sharing this exciting educational experience, a special optional workshop for parents will be held from 9:15–11:15 a.m. (see page 3). Separate registration is required for parent workshop.

Montgomery College and the Montgomery County Public Schools are cooperatively presenting this enrichment opportunity for interested and able students to explore topics outside the school curriculum.

Schedule

Report to: Globe Hall in the High Technology and Science Center

8:30–8:45	Check In
8:45–8:55	Welcome/Opening Remarks
9:00–10:15	Small Group Session #1
9:15–11:15	Parent Session (Optional)
10:20–11:35	Small Group Session #2
11:40–12:10	Lunch (Brown Bag)
12:15–1:30	Small Group Session #3
1:35–2:50	Small Group Session #4

DESCRIPTIONS OF SMALL GROUP SESSIONS

1. A Persuasion Game.

The world is full of commercial advertising to convince you how to spend your dollars. Come and join the Mistress of Critical Thinking, Allega Coates Wallace, as she introduces this new, exciting, and informative game show. A Persuasion Game is designed to teach you how to navigate through the world of advertising propaganda and how to spend your dollars wisely. Come join us for laughs, learning, and PRIZES!!! Allega Coates Wallace, B.A., American University, adjunct faculty of Montgomery College.

2. Biochemistry In You.

Do you know about the Krebs Cycle? Are you familiar with metabolism? The Food Pyramid? This session will introduce you to the basic principles of biochemistry. Learn how food can become energy or lethargy. Find out how paying attention to specific substances in your body can help you maintain a healthy equilibrium. Peggy Gregson, M.P.H., University of North Carolina, lecturer of biology, adjunct faculty of Montgomery College.

3. Kid's Boot Camp 2!

You think you know how to exercise? Step into this fun and energetic class with Sergeant Barth. This exercise class will get you up and going. Learn basic exercises such as push ups, sit ups, and jumping jacks. You will then learn how to do arm and leg stretches, arm and knee rotations, and a lot more. Don't miss out, sign up today. Sergeant Jeff Barth, Security Forces Officer with the United States Air Force.

4. Let's Start Twisting: Balloon Animals.

Experience the thrill and excitement of making balloon figures. Learn balloon terminology and the basic twists to from animals, like a dog, giraffe, or parrot. Learn about the different types of balloons and how to inflate and tie them. Use the balloon creations as added touches to parties, club meetings and other fun gatherings. So, let's start twisting! Bruce Harris, professional optician for more than 33 years.

5. Lights, Fields, Bananas, with or without a Cherry.

The science of physics is full of ordinary and not-so-ordinary phenomena. This exploration into several of the "gee-golly-whizzers" of that genre is designed to place junior physicists into a real physics lab to conduct challenging real-time experiments exploring the properties of laser beams, geometric optics, gravitational forces, electric and magnetic fields, and much more. All experiments take place in a hands-on, do-it-yourself environment, supervised, of course. Participate in several eye-and-ear popping demos in the areas of super cold cryogenics (look it up!) and electrical energy storage. Sound interesting? Well, there's more. How about a grand finale topped off with, at the student's option, a bright red cherry. What's that have to do with physics? Come and see!! Andrew Toman, B.S., E.E., Pennsylvania State University, adjunct faculty of Montgomery College.

6. Designing Your Own Band.

Do you love music? In this exciting workshop you will explore how artists brainstorm and develop the hottest ideas! Learn about the many roles of graphic designers in marketing and creating the "visual identity" for a musical band. Learn how artists set up designs to be professionally printed. You will invent your own original band, design the band's logo, and even create an actual CD cover with the insert! Bring your taste for music and creative ideas. Jennifer Burns, B.A., Visual Arts and Communication, University of Maryland, Graphic Designer.

DESCRIPTIONS OF SMALL GROUP SESSIONS

7. Learning How to Etch Glass.

Have you ever wondered what it would be like to be able to engrave glass? Well, now you can with a simple technique called “glass etching.” In this class you will create your own original piece of artwork and learn the do’s and don’ts of glass etching. Come in and have some fun. Stacy Stickels, B.A., Special Education, Towson University.

8. Sharks: Ferocious Killer or Simply Misunderstood?

Sharks have been portrayed as terrors of the deep, but are they? Explore the complexity of sharks and investigate their feeding habits, mating rituals, and anatomical detail. Learn about the sensory, digestive, and reproductive systems of a common shark species. The shark dissection is messy and students are strongly urged to wear old clothing or bring an old shirt. NOT FOR THE SQUEMISH! James Sniezek, Ph.D., University of Maryland, assistant professor, biology.

9. Whose Line Is It Anyway?

Do you enjoy watching “Whose Line is It Anyway?” Do you ever wish that you could be a pro at improvisation, just like those actors? Well, look no further! Learn the secrets behind great improv, as well as techniques to become better at the craft of acting! If you want to learn how to develop characters, play cool games, and ace your future acting auditions, this course is for you! Sign up today. Natalie Blank, Theatre, University of Maryland.

10. Think Quick.

Do you like to use your mind to solve challenging and interesting problems? Then you’ll really love this quick-paced learning experience. Work on challenging individual and team activities as you learn to think on your feet. Working on a team with classmates, compete for scores based on your individual creative thinking and quick response. Have fun while you learn to use your mind to Think Quick! Edward “Teach” Harris., Ph.D. University of Maryland; President, The Institute for Behavioral Studies.

Optional Workshop for Parents

How to Raise a Happy, Responsible Child

Course #: SCH219 CRN#: 41141

Educational psychology describes “home” as a place where children learn by doing. Doing denotes activity. Activity is the foundation of all learning. The activities children practice at home determine the quality of life they will lead into adulthood. Parents want their children to be happy and responsible members of the society in which they must live, grow, and work. Furthermore, they want their children to be able to make wise decisions, to be sensitive to the needs of others, and to learn to cooperate. Teaching children these skills is a critical step in guiding them towards becoming caring and compassionate adults. So, how do we do this? This workshop helps parents answer this question by outlining activities that can lead to successful and satisfactory outcomes for both parent(s) and the child.

Dr. Edward Harris, Director of the Harris Institute

GENERAL INFORMATION

COST: Tuition: \$60.00; Fee: \$25.00 = \$85.00. Non-Maryland residents add \$50. Course total to be paid at time of registration. Tax-deductible contributions to the Youth Scholarship Fund may be added to this total.

REGISTRATION PROCEDURES: Complete registration form. Be sure to include student's Montgomery College Identification Number. If you don't have one yet, one will be created when you register. This is a permanent MC ID Number and should be kept in a safe place. Signature of school official is **REQUIRED**. Application forms cannot be processed without applicable signatures. Mail completed registration form directly to: Office of Continuing Education, Montgomery College, **Saturday Discoveries**, 51 Mannakee Street, Rockville, MD 20850. Payment may be made using VISA or MasterCard, or by making a check for \$85.00 payable to Montgomery College. You may choose to **FAX** completed registration form indicating VISA or MasterCard payment to Saturday Discoveries at 240-567-7548. This program fills quickly, so be sure to register as soon as possible. Walk-in registrations must be brought to Campus Center, Room 220, on the Rockville Campus. **Session assignments will be made in the order that registrations are received.** Students will receive confirmation of registration. If confirmation is not received at least three days prior to the day of the program, please contact our Customer Services Office at 240-567-5188. Session assignments and locations will be available at check-in the morning of the program. **Please report directly to Globe Hall, High Technology and Science Center (HTSC), Montgomery College Germantown Campus.** A campus directory is located at the main walkway entrance to the campus.

REFUNDS: One hundred percent refund of tuition and fees is granted if a course is administratively canceled or if a student notifies the College of his/her withdrawal of registration in writing by the day prior to the scheduled start of class. Request a refund **IN WRITING** and mail to: Office of Continuing Education, Montgomery College, SATURDAY DISCOVERIES, 51 Mannakee Street, Rockville, MD 20850. There is **NO** refund after the program begins. Criteria include: illness of student or immediate family member (send physician's note); death of student or immediate family member (send copy of death certificate); involuntary entry into active duty in the armed forces (send copy of draft notice); involuntary transfer/change of work hours by the student's employer (send letter from employer). Students must state their name, social security number, course title and CRN number, and reason for withdrawal. A stop payment on checks does not constitute withdrawal from a class. There is a \$25 invalid check fee charged each time a check is returned by a bank. For refund or withdrawal questions call 240-567-7932 or 240-567-5045. Allow up to five weeks for a refund to reach you. The College reserves the right to cancel a course due to insufficient enrollment. The College reserves the right to refuse registration due to insufficient payment.

DISABILITY SUPPORT SERVICES: If student requires aids, services, or barriers removed to fully participate in Montgomery College Continuing Education programs, please register first. Then call 240-567-1819 or TTY 240-567-7931 **three weeks before the class meets to arrange for reasonable accommodations.** For further information, please call 240-567-7917.

LUNCH: Students must bring lunch. Cold drinks will be available for sale at campus vending machines. The cafeteria does **NOT** operate on Saturdays.

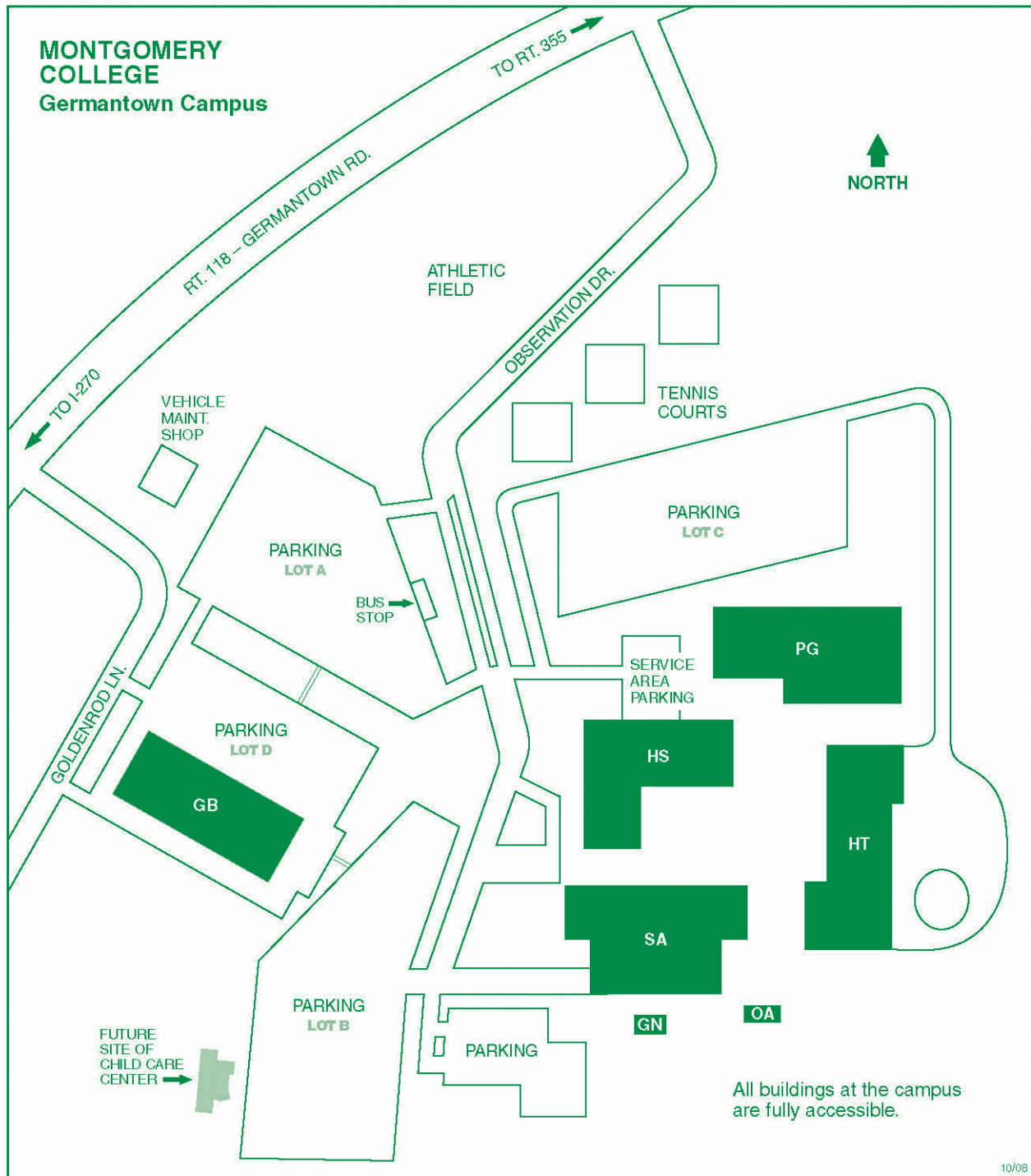
TRANSPORTATION: Students and their parents or guardians are responsible for all transportation arrangements. **Please pick children up promptly at 2:50 p.m.** There are no provisions for supervision of students after the end of the program. **Students not picked up by 3:15 p.m. will be taken to the Security Office located on the second floor of the Science Building.** Ample parking is available. Public transportation is available; please call Montgomery County Transit Information at 301-217-RIDE.

HEALTH SERVICES: Should a medical emergency occur, trained personnel from the Campus Security Office will be available to render aid. The Germantown Security Phone Number is 240-567-7777.

INFORMATION: Please call Ms. Sharon Wolfgang at 240-567-7264 or 240-567-7917.

MONTGOMERY COLLEGE

Germantown Campus Map



Montgomery College Germantown Campus

20200 Observation Drive
Germantown, MD 20876
240-567-7700
TTY 301-540-2133
www.montgomerycollege.edu

Germantown Campus Legend of Buildings

(as of October 2008)

GB Goldenrod Building
GN Greenhouse
HS Humanities and Social Sciences Building

HT High Technology and Science Center
OA Office Annex
PG Physical Education Complex
SA Sciences and Applied Studies Building (Security Office and Admissions and Records)

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What are your kids' plans for the summer?
Time to start planning!

Summer Youth Programs

Montgomery College Summer Youth Program
offers over 200 fun-filled classes for Grades K-12.

Don't forget about all the other Youth Programs we have to offer
throughout the school year such as our one-day enrichment
programs and several after school and Saturday mini-courses.

<http://www.montgomerycollege.edu/wdce/youth.html>