Family Academic Programs
Winter 2011 – Summer 2012 Catalog
www.cty.jhu.edu/family
Welcome to CTY’s Family Academic Programs!

Mission and Overview

The Center for Talented Youth (CTY) seeks students of the highest academic ability through its Talent Search and offers them challenging educational opportunities that develop the intellect, encourage achievement, and nurture social development. In keeping with CTY’s mission, Family Academic Programs offers approximately 90 programs annually to Talent Search participants in grades 2 – 12.

Our programs are designed for students and parents to attend together. All CTY Talent Search participants are eligible to attend. There are no minimum qualifying scores required.

We offer one-day, overnight, weekend, and week-long academic programs that seek to create engaging and educational experiences for CTY families. Our host locations, predominantly concentrated in the mid-Atlantic, northeast, and on the west coast, include colleges and universities, research institutions, museums, science and nature centers, and aquariums. All of our programs are tailored to the unique needs of academically talented students and are offered exclusively to CTY families.

In this catalog, we proudly announce our Winter 2011 – Summer 2012 program schedule. We are excited about the programming we have planned for CTY families and thrilled to be partnering with so many wonderful host institutions. Please join us!

Please note that updates and new programs may occasionally be announced on our website, www.cty.jhu.edu/family. If you have any questions, please contact Family Academic Programs at 410-735-6115 or ctyfam@jhu.edu. Thank you.
2nd – 4th Graders: 
Creative Connections Series

We are happy to announce our lineup of Creative Connections programs for CTY Talent Search participants in grades 2 – 4. We have planned a number of imaginative and interactive programs specifically designed to meet the needs of our youngest CTY members. We truly value the participation of this age group in our Talent Search, and we recognize the importance of providing engaging programming to young gifted students.

Program Information

Our Creative Connections programs include one-day and overnight hands-on learning experiences for students and parents at prestigious museums, science and nature centers, and aquariums. Program structure varies at each site, but every event includes activities designed to provide a stimulating environment in which families can learn together and discover fascinating new interests.

Schedules for all programs, as well as meals provided, vary widely from site to site. Detailed information specific to each Creative Connections program will be provided after registration.

Hurry to register now! We anticipate that these programs will fill quickly. We look forward to welcoming our youngest students and their parents to the CTY family!

A note about our overnight programs: Unless otherwise indicated, families will spend the night in the host institutions. It is highly recommended that you bring sleeping bags, foam pads, and pillows to these programs as you will be sleeping on the floor.

Cost: Varies by site; please see the following pages.
Creative Connections

One-Day Programs

Chesapeake Bay Foundation at Philip Merrill Environmental Center—Annapolis, MD
Spring 2012

Join CTY and the Chesapeake Bay Foundation for “A Day on the Bay”? This exciting program begins at the Merrill Environmental Center in Annapolis, considered one of the “greenest” buildings in the country. The program will extend to the surrounding beach, forest, and the Chesapeake Bay itself. Explore the woods for insects, climb aboard a workboat to dredge the oyster bar and examine reef habitat. Participate in fish printing to learn fish anatomy while discovering your artistic side! Each activity brings the Bay's extensive history and environmental importance into perspective.

This program begins around 8:30 a.m. and ends around 3:30 p.m. Continental breakfast and lunch are included.

Please note: Chesapeake Bay Foundation requires all children be at least eight years old to participate in this program.

Cost: $95 per person

Walters Art Museum—Baltimore, MD
Sunday, March 18, 2012

Real or fake? How do you know? Come to the Walters Art Museum and become an art detective as you discover the mysteries behind works of art. Discover what hidden stories are revealed when conservators clean, x-ray, and analyze works of art. You will also get a chance to travel back in time and discover the artifacts of ancient Egypt, Greece, Rome, and the Near East. What do these treasures tell us about the past? Experience art with your eyes as well as your hands!

This program begins around 8:30 a.m. and ends around 3:30 p.m. Continental breakfast and lunch are included.

Cost: $95 per person

National Building Museum—Washington, DC
Sunday, May 6, 2012

Explore buildings and cities in new ways with a day of hands-on activities and adventures in this historic museum. Marvel at famous skyscrapers and structures built out of LEGO® in a new exhibition. Become a detective while investigating the Museum during an architectural scavenger hunt. Transform yourself into an architect and city planner as you design and construct a model building for our CTY city. This is a day that will educate and entertain at the same time!

This program begins around 8:30 a.m. and ends around 4:00 p.m. Continental breakfast and lunch are included.

Cost: $75 per person

Jefferson Patterson Park and Museum—St. Leonard, MD
Saturday, May 12, 2012

Jefferson Patterson Park & Museum is a place full of secrets waiting to be unearthed. Investigate the past by working alongside professional archaeologists. Explore native life at a recreated Indian village. Excavate at an eighteenth century plantation site on the Patuxent River. Work with conservators to analyze your findings at the state-of-the-art Maryland Archaeological Conservation Laboratory. Through hands-on activities and real life examples, you will travel back in time and discover the stories behind the artifacts. Join CTY for a day of excavating, exploration, and excitement!

This program begins around 9:00 a.m. and ends around 4:00 p.m. Continental breakfast and lunch included.

Cost: $95 per person

Oregon Museum of Science and Industry—Portland, OR
Saturday, April 14, 2012

Come explore the Oregon Museum of Science and Industry (OMSI) in this unique program, specifically designed for CTY families. Take a guided tour of the wonderful new exhibit, Wild Minds: What Animals Really Think, which explores animal cognition. Wild Minds will help you develop a deeper understanding of the similarities as well as the evolutionary links between people and animals. Watch an Omnimax film and a planetarium show, participate in specialized lab sessions with experienced OMSI educators, and investigate the museum’s exhibit halls. Come explore OMSI with CTY!

This program begins around 9:00 a.m. and ends around 3:30 p.m. Continental breakfast and lunch vouchers are included.

Cost: $95 per person
One-Day Programs
Continued

Newseum—Washington, DC
Saturday, May 19, 2012
Explore how news spread 200 years ago, how it is disseminated today, and how it might be tomorrow. From cave paintings to telegraphs, cuneiform script to television and Twitter, information has spread in a multitude of ways. Through an interactive workshop for students, a discussion about the future of news for parents, and an educator-led exploration of the Internet, TV, and Radio Gallery, you will come to understand the many ways technology enables, constrains, and alters a message. You will also have time to explore, on your own, more of the fascinating galleries at this significant, innovative, and compelling museum. You will look at news much differently after spending the day at the Newseum.
This program begins around 8:30 a.m. and ends around 3:00 p.m.
Continental breakfast and lunch vouchers are included.
Cost: $95 per person

The New York Botanical Garden (NYBG)—Bronx, NY
Sunday, June 3, 2012
Take a perspective walk through this very special “garden within a garden.” Explore the elements that inspired Claude Monet’s art while visiting a replica of his garden in France in the Enid A. Haupt Conservatory. Claude Monet was an avid gardener who famously attributed becoming a painter to flowers. His influences were colors, shapes, movement, and light found in his garden. Step into the shoes of a field botanist and use scientific observation to discover the uniqueness of the native plants and animals that comprise the exceptional environment of the Garden’s 50-acre native forest. Join a NYBG educator and create your own garden-inspired work of art!
This program begins around 8:30 am and ends around 3:30 pm.
Continental breakfast and lunch voucher are included.
Cost: $75 per person

Monterey Bay Aquarium—Monterey, CA
Sunday, June 24, 2012
Sunday, August 12, 2012
Come to the Aquarium for an experience that truly takes you under water! Begin the day by taking part in private feedings as you learn how the Aquarium cares for more than 30,000 plants and animals. Students will then have the opportunity to join the Underwater Explorers Diving program where they will get a “fish-eye” view of the Great Tide Pool by donning masks, regulators, and dry suits for a surface SCUBA experience. The Aquarium’s certified dive staff will assist students in the water and introduce them to the animals that live along the rocky shore. Finish the day with a special discovery lab experience and a behind-the-scenes tour of the galleries and exhibits, and you will have a day of marine discovery like no other!
This program begins around 7:30 a.m. and ends around 3:30 p.m.
Continental breakfast is included.
Please note: Monterey Bay Aquarium requires all children be at least eight years old and not older than thirteen to participate in this program.
Cost: $125 per adult; $175 per child

Ocean Institute—Dana Point, CA
Sunday, July 22, 2012
Begin the day in the Ocean Institute (OI) laboratory exploring the facts and fiction about whales. Use microscopes to investigate plankton and krill as you learn about marine mammals’ diets. Sort mammal and non-mammal artifacts, listen to whale sounds, and look at fascinating whale “hitchhikers.” Go to sea on the research vessel, Sea Explorer, in search of marine mammals. This is the season to see blue whales, dolphins, and sea lions. Study what whales might eat in the plankton and mud samples. Back at OI, go back in time to experience the life of a tall ship sailor in the 1830s during an imaginary voyage with hands-on activities aboard the brig, Pilgrim. Work together and learn how to hoist a cargo barrel, raise a sail, and row a longboat as the captain and crew make history come alive!
This program begins around 8:30 a.m. and ends around 3:30 p.m.
Continental breakfast and lunch are included.
Please note: Ocean Institute requires all children be at least eight years old to participate in this program.
Cost per person: $160 per person

Beverly Hills Chess Club—Beverly Hills, CA
Summer 2012
Chess has been played and enjoyed by people around the world for over two thousand years. In this exciting new program, children and parents are exposed to the imaginative and logical sides of this ancient game. Participants review the rules to become masters of their own armies. You will be able to play against other CTY students and parents in slower games that develop patience or faster ones that develop coordination and enthusiasm. Participate in Siamese chess, a team version played with a partner. Learn to use geometry and logic to solve chess problems. Play against a chess master—you and other CTY participants will outnumber him 20 to 1. Instruction is provided by award-winning chess teachers, including certified master and expert players ranked by the United States Chess Federation. Whether you have played chess for a long time or are just a beginner, this program has something for everyone!
The date and details of this program are in the planning stages. Please visit www.cty.jhu.edu/family for updates.
Cost per person: TBD
Overnight Programs

Historic Ships in Baltimore: Taney, Torsk, and Chesapeake—Baltimore, MD
Saturday, April 28 – Sunday, April 29, 2012

Welcome aboard the Coast Guard Cutter Taney, United States Submarine Torsk, and Lightship Chesapeake for a unique overnight program designed specifically for CTY families. An experienced sailor guides your exploration of these three different ships through hands-on activities that might include learning about Morse code, navigation, periscopes, and steam power. Become an honorary member of the U.S. Navy and Coast Guard, eat meals and sleep aboard the Taney, and have an experience you are sure to remember!

This program is an overnight. It begins around 4:00 p.m. on Saturday and ends around 9:00 a.m. on Sunday, and includes dinner, a snack, and continental breakfast. Participants should bring sleeping bags/pillows as you will be sleeping on Taney’s bunks.

Cost: $160 per person

Mount St. Helens Institute—Amboy, WA
Saturday, July 28 – Sunday, July 29, 2012

Join us for this overnight adventure to experience a volcano at night. Be introduced to the ever-changing landscape of Mount St. Helens and the fascinating geological discoveries being made there. Engage in hands-on scientific activities, take a night hike and learn about the constellations, and visit the Johnson Ridge Observatory where monitoring of this active volcano is ongoing. This “campout” in the Coldwater Visitor Center offers spectacular views of the crater and lava dome.

This program is an overnight. It begins around 4:00 p.m. on Saturday and ends around 11:00 a.m. on Sunday, and includes dinner and continental breakfast. Participants should bring sleeping bags, mats, and pillows as you will be sleeping on the floor of the Aquarium.

Cost: $160 per person

Aquarium of the Pacific—Long Beach, CA
Wednesday, August 1 – Thursday, August 2, 2012

Begin the day with a fascinating whale watching excursion. With the help of an Aquarium educator, you will search for migrating gray whales, dolphins, and a variety of wildlife. Upon arrival back at the Aquarium, learn about California’s unique kelp forests and wetlands habitats, discover why plankton make our waters so rich with hands-on exploration, observe sharks and rays, and learn more about local marine mammals. Relax with a 3-D movie before falling asleep right under the fish! The next morning, you will be greeted by playful seals and sea lions before heading out with the crew of the Long Beach Marine Institute on a research vessel to see another layer of biodiversity—in the mud! Have fun sifting through ocean sediment looking for animals while learning about their importance in the food chain. Don’t miss this opportunity to discover the ocean’s biodiversity.

This program is an overnight. It begins around 2:00 p.m. on Saturday and ends around 11:00 a.m. on Sunday, and includes dinner, a snack, and continental breakfast. Participants should bring sleeping bags, mats, and pillows as you will be sleeping on the floor of the Aquarium.

Please note: Aquarium of the Pacific requires all children be at least eight years old to participate in this program.

Cost: $160 per person
**5th – 7th Graders:**

**Discovery Series**

The Discovery Series is offered to CTY Talent Search participants in the 5th – 7th grades. Students are invited to experience the wealth of resources and activities available at prestigious museums, aquariums, and nature and science centers. As determined by the unique focus of each host institution, scientists, naturalists, historians, artists, and other educators guide participants through an exploration of on-site exhibits and activities, using their professional expertise to address the learning needs and lively curiosity of highly able students. We are very excited about these innovative programs.

**Program Information**

At some Discovery series locations, students attend small group discovery sessions while parents attend informational seminars and participate in discussions on related topics. At others, students and parents remain together to share discovery experiences. Overall, the series provides a stimulating environment where families share a common love of learning while discovering new interests.

The Discovery Series includes one-day, overnight, and extended programs. Schedules for all programs, as well as meals provided, vary widely from site to site. Detailed information specific to each Discovery program will be provided after registration.

**A note about our overnight programs:** Unless otherwise indicated, families will spend the night in the host institutions. It is highly recommended that you bring sleeping bags, foam pads, and pillows to these programs as you will be sleeping on the floor.

**Important note:** Due to the programming needs and requirements of our host institutions, all participants must be at least ten years old to attend any Discovery program.

**Cost:** Varies by site; please see the following pages.
Discovery Series

One-Day Programs

American Visionary Art Museum—Baltimore, MD
Saturday, March 3, 2012
Spend a day at the American Visionary Art Museum, the national repository for self-taught artists. Make a "shrinky-dink" nametag. Visit the latest exhibition, All Things Round: Galaxies, Eyeballs & Karma. Choose your favorite piece of art in the museum and re-create it in miniature using a vast array of visionary materials. Learn the fascinating stories behind the artists while creating circular projects inspired by the art work in the exhibition. Get “caught in the roundabout” and figure out all the ways to think about orbs, globes, and spheres. Come and discover possibilities that others do not see—that is what visionaries do best!
This program begins around 9:00 a.m. and ends around 3:30 p.m.
Continental breakfast and lunch are included.
Cost: $75 per person

Newseum—Washington, DC
Saturday, March 10, 2012
Politics, Pundits, and the Press: Get an insider’s perspective on the press and politics—from the nuts and bolts of taping a live television news program to what it’s like to be a broadcast journalist—and the relationship between the president and the news media. Go behind-the-scenes in the Knight Television Studio and control rooms and learn about the people and equipment required to broadcast live. Hear from a veteran reporter about life as a reporter. Later, apply your newfound insights on the interactions between politicians and the press to craft a photo-op for the president.
This program begins around 9:00 a.m. and ends around 3:00 p.m. Continental breakfast and lunch voucher are included. Admission to the museum on Sunday is also included.
Cost: $95 per person

National Building Museum—Washington, DC
Sunday, April 15, 2012
What is design? Just like engineers, architects, and city planners, we use the design process everyday to identify solutions to problems. Explore how we design our world and learn how our communities are constructed through interactive discussions and hands-on activities. Investigate how engineers and city planners are working to create better places to live. Build a 6½ x 13 foot geodesic dome, engineer a container to drop an egg 50 feet without breaking, and plan and build a city all in one day!
This program begins around 9:00 a.m. and ends around 4:00 p.m.
Continental breakfast and lunch are included.
Cost: $75 per person

Headlands Institute—Sausalito, CA,
Golden Gate National Recreation Area
Saturday, November 19, 2011
On this fascinating journey of the Marin Headlands, discover anemones, sea stars, mussels, and more while exploring the tide pools at South Rodeo Beach. During this exciting environmental adventure, identify species and make observations about how each organism is specially adapted to survive in this harsh habitat. Collect plankton from a lagoon and bring it back to the state-of-the-art marine lab where we will take scientific investigation of tide pool life to a deeper level of understanding through the use of microscopes. Discover how people around the world relate to the ocean through the exploration of multicultural stories, foods, and traditions related to the ocean. Explore physiology, adaptations, and food chains in this amazing study of intertidal habitats and our relationship with the ocean.
This program begins around 9:00 a.m. and ends around 4:00 p.m.
Continental breakfast and lunch are included.
Cost: $95 per person

Exploratorium—San Francisco, CA
Saturday, February 11, 2012
Light and color are an everyday experience but the science behind them is anything but ordinary. During this unique program, participants have the opportunity to explore the connection between light and color as physical properties and as perceptual sensations. Refraction, reflection, and diffraction will come into focus as you experiment in the classroom with lasers, lenses, mirrors, and filters, and through investigating the Museum’s interactive exhibits. Ask questions, test ideas, and make predications as we keep track of our discoveries and explain what we observe. To bring it all together in a comprehensive and fun way, you will build your own kaleidoscope. Join us for an amazing experience, shedding light on this everyday phenomenon!
This program begins around 9:00 a.m. and ends around 3:30 p.m.
Continental breakfast is included.
Cost: $95 per person

Exploratorium—San Francisco, CA
Saturday, February 11, 2012
Light and color are an everyday experience but the science behind them is anything but ordinary. During this unique program, participants have the opportunity to explore the connection between light and color as physical properties and as perceptual sensations. Refraction, reflection, and diffraction will come into focus as you experiment in the classroom with lasers, lenses, mirrors, and filters, and through investigating the Museum’s interactive exhibits. Ask questions, test ideas, and make predications as we keep track of our discoveries and explain what we observe. To bring it all together in a comprehensive and fun way, you will build your own kaleidoscope. Join us for an amazing experience, shedding light on this everyday phenomenon!
This program begins around 9:00 a.m. and ends around 3:30 p.m.
Continental breakfast is included.
Cost: $95 per person
One-Day Programs
Continued

OceanQuest & Massachusetts Maritime Academy—Buzzards Bay, MA (Cape Cod)

Sunday, May 20, 2012

What could be better than a “Day on the Bay” in beautiful Cape Cod? This program has been designed specifically for CTY and has it all! Take a mini ocean research voyage on board the Venture Inn II. While enjoying the sea breeze, conduct scientific experiments, tow for plankton, learn about local sea life, collect water samples, and determine the major chemical aspects of the ocean.

This program begins around 9:00 a.m. and ends around 4:00 p.m. Continental breakfast and lunch are included.

Cost: $95 per person

Monterey Bay Aquarium—Monterey, CA

Sunday, July 29, 2012

The details of this program are in the planning stages. Please visit www.cty.jhu.edu/family for updates.

Cost: $160 per person

American Museum of Natural History—New York, NY

Summer 2012

The date and details of this program are in the planning stages. Please visit www.cty.jhu.edu/family for updates.

Cost: $95 per person

Beverly Hills Chess Club—Beverly Hills, CA

Summer 2012

Chess has been played and enjoyed by people around the world for over two thousand years. In this amazing two-day program, participants are exposed to the imaginative and logical sides of this ancient game. On the first day, we review basic rules and classical strategies. You will be able to play each other in slow, strategic games, and also compete in fast-paced contests where a winner is decided within seconds. Play Siamese (team) chess, solve fascinating chess problems using geometry and logic, and play a simultaneous exhibition against a chess master with the CTY participants outnumbering him 20 to 1. The second day includes an actual tournament where players have an opportunity to practice their skills and face opponents of the same ability level. Students who complete the session will be eligible for participation in official chess tournaments and a national ranking. Instruction is provided by award-winning chess teachers, including certified expert and master players ranked by the United States Chess Federation. Whether you have played chess for a long time or are just a beginner, this program is for you!

Date and details of this program are in the planning stages. Please visit www.cty.jhu.edu/family for updates.

Cost per person: TBD

Overnight Programs

International Spy Museum—Washington, DC

Saturday, December 3 – Sunday, December 4, 2011
Saturday, February 25 – Sunday, February 26, 2012
Saturday, April 21 – Sunday, April 22, 2012
Saturday, September 8 – Sunday, September 9, 2012

The Museum doors have been locked for the night, but behind the shadows a group of exclusive recruits stand ready to begin a night of top-secret spy training. Perfect your alias and cover-story, check in at “Border Patrol,” and prepare for a night of intrigue and adventure. Your mission begins with taking a secret identity and gathering intelligence using real spy skills. During the night, you will transform yourself through disguise, make and break secret codes, interrogate real spies, and hunt for a mole in your ranks! Meanwhile, the adults will be busy with their own super-clandestine mission, details too sensitive to reveal. As day breaks, enemy agents will be exposed in a dramatic finale. Recruits reclaim their real identities and this exciting mission will be accomplished!

This program is an overnight. It begins around 6:00 p.m. on Saturday and ends around 10:00 a.m. on Sunday. It includes dinner, a snack, and continental breakfast. Participants should bring sleeping bags, mats, and pillows as you will be sleeping on the floor of the Museum. Registration includes admission to Museum on Sunday.

Cost: $160 per person

Monterey Bay Aquarium—Monterey, CA

Sunday, July 29, 2012

The details of this program are in the planning stages. Please visit www.cty.jhu.edu/family for updates.

Cost: $160 per person

American Museum of Natural History—New York, NY

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Cost per person: TBD

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Cost: $160 per person

Monterey Bay Aquarium—Monterey, CA

Sunday, July 29, 2012

The details of this program are in the planning stages. Please visit www.cty.jhu.edu/family for updates.

Cost: $160 per person

American Museum of Natural History—New York, NY

Summer 2012

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Cost: $95 per person

Beverly Hills Chess Club—Beverly Hills, CA

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Overnight Programs

Continued

are so essential to life on this planet by examining live specimens. The next morning, participate in a squid dissection as you learn about the anatomy of this incredible creature while discussing classification and adaptations that make this invertebrate so unique.

This program is an overnight. It begins around 5:00 p.m. on Saturday and ends around 10:00 a.m. on Sunday. It includes dinner, a snack, and continental breakfast as well as free Sunday admission to the Aquarium of the Pacific. Participants should bring sleeping bags, mats, and pillows as you will be sleeping on the floor of the Challenger.

Cost: $250 per person

Peabody Museum of Natural History at Yale University—New Haven, CT

Saturday, April 28 – Sunday, April 29, 2012

Consider the origins of life in this marvelous exploration! Begin your adventure by tracking down a mysterious secret specimen within the halls of the museum. After an evening of engaging workshops and discoveries, you’ll sleep among the prehistoric in the Great Hall of Dinosaurs. Whether you are involved in a behind-the-scenes look at the ornithology, herpetology, or paleontology collections; learning how fossil preparators extract dinosaur bones from the surrounding matrix; or meeting Yale scientists to learn how their research is helping answer questions about the evolutionary history of the planet, you are sure to have an amazing experience!

This program is an overnight. It begins around 5:00 p.m. on Saturday and ends around 11:00 a.m. on Sunday. It includes dinner, a snack, and continental breakfast. Participants should bring sleeping bags, mats, and pillows as you will be sleeping on the floor of the Museum.

Cost: $160 per person

Living Classrooms Foundation at Masonville Cove Environmental Education Center—Baltimore, MD

Saturday, May 5 – Sunday, May 6, 2012

Explore urban environmental issues on land and in local waterways during this unique adventure. Through hands-on programming at the new Masonville Cove Environmental Education Center (MCEEC) and on the Chesapeake Bay skipjack, Sigsbee, participants will have the opportunity to examine the benefits and challenges of the urban landscape. Learn the importance of the Port of Baltimore and participate in workshops such as plankton tows, hiking, bird watching, water quality testing, oyster dissections, and microscopic biofilm studies. “Camp-out” on the floor of the education center and spend part of the following day aboard the Sigsbee.

Be prepared to raise and lower sails, navigate and steer the boat, perform scientific tests, and get a close-up view of the workings of the Port. Join us for this exciting experience that will demonstrate, through instructive and entertaining activities, the delicate balance existing within our urban environment.

This program is an overnight. It begins around 3:00 p.m. on Saturday and ends around 11:00 a.m. on Sunday. It includes dinner, a snack, and continental breakfast. Participants should bring sleeping bags and pillows as you will be sleeping on the floor of MCEEC.

Cost: $175 per person

NYU School of Medicine Department of Environmental Medicine and Sterling Forest State Park—Tuxedo, NY

Saturday, May 5 – Sunday, May 6, 2012

Don a lab coat and become a scientist for a day...and a night! Planned activities include conducting a DNA experiment under the guidance of a leading genetic toxicologist; extracting DNA from strawberries with common kitchen items; determining how clean our air is and how much air our lungs can hold; searching out bacteria from the world around us; learning how to drill for oil; and recovering iron from the Sterling Forest Park soil. Plus, take a pond walk and an iron mine tour with a park ranger who will help you identify the different species of aquatic life and the abundant variety of plants, animals, and birds in the forest. This dynamic program will leave you in awe and wanting to know more!

This program is an overnight. It begins around 1:00 p.m. on Saturday and ends around 11:00 a.m. on Sunday. It includes dinner, snacks, and continental breakfast. Participants should bring sleeping bags, mats, and pillows as you will be sleeping on the floor of the State Park Visitor Center.

Cost: $160 per person

USS Constellation—Baltimore, MD

Saturday, May 19 – Sunday, May 20, 2012

Live the life of a 19th century sailor! Upon boarding the historic sloop, male and female students become “ship’s boys” and parents become “landsmen.” You will learn the ropes by developing a familiarity with the basics of life aboard a man-of-war, such as bracing the yard, turning the capstan, and drilling with the broadside cannon as well as exploring some of the recreational activities of sailors. In the morning, you will continue to do work that was required of sailors such as buoyancy and navigation drills.

This program is an overnight. It begins around 4:00 p.m. on Saturday and ends around 9:30 a.m. on Sunday. It includes an evening and morning meal, reflecting the common foods of the time. Participants should bring blankets or sleeping bags and pillows as you will be sleeping in the ship’s hammocks.

Cost: $160 per person
Overnight Programs

Chabot Space & Science Center—Oakland, CA
Saturday, June 2 – Sunday, June 3, 2012

Discover your place in the universe during this activity-packed overnight adventure! Design and race a Mars solar rover in an inventive engineering workshop. Learn about the individual planets of our Solar System and investigate what makes up a comet on a private telescope tour. After the amazing planetarium show, go outside and discover first-hand the constellations and celestial objects of the night sky during a private session using one of the largest telescopes in the country. In the morning, students become astronauts on a two-hour, simulated Mars Mission. Top all of these activities off with an exciting IMAX film. Science becomes fun at Chabot, an innovative learning center that focuses on the interrelationships of all sciences. The program is a must for anyone who wants to discover how to shape the future through science!

This program is an overnight. It begins around 2:30 p.m. on Saturday and ends around 12:00 p.m. on Sunday. It includes dinner and continental breakfast. Participants should bring sleeping bags, mats, and pillows as you will be sleeping on the floor of the Center.

Cost per person: $160

Ocean Institute—Dana Point, CA
Sunday, July 15 – Monday, July 16, 2012

Board the Pilgrim, a replica of the 19th century brig, to learn the skills of tall ship sailors. Use your new skills to sail the Spirit of Dana Point, a replica of an 18th century schooner, along the Pacific coast. Participate in activities to explore the adaptations of organisms that live in the ocean depths; dissect an animal eye with low light visual acuity; experience bioluminescence, phototaxis, and the piloting of a remotely operated vehicle; and then spend the night on the Surfscience Deck at the Ocean Institute. The next morning, board the research vessel Sea Explorer and use scientific equipment to collect and analyze samples of plankton, mud organisms, and fish, and see the effects of deep ocean pressure. Use gathered data to determine the health of the oceanic ecosystem and discuss the possible impact of human activities—past, present, and future. Join us for this magical tour merging historical tall ship skills with modern marine science discovery!

This program is an overnight. It begins around 11:30 a.m. on Sunday and ends around 11:00 a.m. on Monday. It includes lunch, dinner, a snack, and continental breakfast. Participants should bring sleeping bags, mats, and pillows as you will be sleeping on the floor of the Institute.

Cost: $250 per person

Extended Programs

Mote Marine Laboratory and Aquarium—Sarasota, FL
Saturday, March 31 – Tuesday, April 3, 2012

Dive into the amazing and unpredictable underwater world of marine life at this renowned research laboratory and aquarium. Mote Aquarium displays unique ocean animals thriving in Florida’s diverse marine ecosystems and is home to a Dolphin and Whale Hospital and Sea Turtle Rehabilitation Center. You will experience hands-on workshops, private guided tours of the Aquarium, kayaking through a mangrove forest, collecting critters with nets from Sarasota Bay, and much more. Whether touring the Bay aboard a private charter or dissecting a squid, you will have a one-of-a-kind visit to Florida while engaging in this exciting program.

Please note: Some meals will be provided during the program. Hotel reservations and transportation are not included in the cost of this program. Detailed information will be available upon registration.

Cost: $575 per person
Extended Programs

Continued

Frank Lloyd Wright Foundation at Taliesin West—Scottsdale, AZ
Saturday, May 26 – Monday, May 28, 2012

Develop your own design ideas while working at Frank Lloyd Wright’s winter home and architectural studio, Taliesin West, a National Historic Landmark considered one of his greatest masterpieces. You will learn how Wright took everyday shapes and objects and used them, along with vivid colors and patterns, to create buildings that are works of art. “Design Your Dream Space” will immerse you in the process of architecture contemplation and planning, designing a 2-dimensional floor plan to scale and building a 3-D model. You will be encouraged to examine familiar objects from a different point of view. This approach allows you to see how interrelated subjects like math, science, art, and technology are used to create buildings. In this unique program, theory and philosophy are combined with hands-on activities to challenge you to explore new architectural forms, energy sources, and spaces in which to work, learn, and live. A private Night Lights tour of the estate and Desert Shelter walk are included.

Please note: Some meals will be provided during the program. Hotel reservations and transportation are not included in the cost of this program. Detailed information will be available upon registration.

Cost: $575 per person

Living Classrooms Foundation—Baltimore, MD
Monday, August 13 – Friday, August 17, 2012

The Chesapeake Bay watershed is a national treasure and a regional economic engine. This amazing program takes place on board Living Classrooms Foundation’s historic skipjack Sigsbee as participants explore this fragile ecosystem. How should we respond to the precipitous decline in blue crabs? What is the role of oysters in the Bay’s health and should we introduce heartier Asian varieties? Is urban or agricultural runoff more responsible for the Bay’s declining health? Throughout this unique program, CTY families wrestle with critical questions affecting this complex ecosystem. While on board, participants employ scientific equipment to analyze water and marine life. You will meet and learn from scientists, watermen, government officials, and natives and apply this new knowledge in real-world settings. Each day, you will share the responsibility of setting up and striking camp, cooking, cleaning, and maintaining the ship. While on shore, you will perform lab work and investigations to explore topics such as crab anatomy, physiology, and behavior; estuarine interactions; predator-prey relationships; and the ecological role of the oyster beds. Evening activities may include night hikes, games, and campfires. Families learn about the watershed, water parameters, and water quality of the Bay. You will leave with a better understanding of the interplay among man, economics, science, and the environment in both the Chesapeake Bay and the world more broadly. No previous sailing experience is necessary, but this is a physically demanding course that requires a certain level of fitness.

Please note: This program includes all meals during the program length. Participants should bring sleeping bags, mats, and pillows as you will be sleeping in tents. Evenings will be spent at primitive campsites. Camping facilities will vary, but all are basic—a few have showers, most will not. Participants will pitch in and help set up camp each evening, prepare meals, clean up after meals, and break down camp every morning. Fresh water will be available for cooking, cleaning, drinking, and personal hygiene at sites. Detailed information will be available upon registration.

Cost: $675 per person

The Mountain Institute in Greenbrier State Park—Boonsboro, MD
Wednesday, June 20 – Saturday, June 23, 2012

Looking for an outdoor adventure, with no experience needed? Join CTY and The Mountain Institute (TMI) for an exploration of an area rich in human history and natural beauty. Camp in the lovely, fully equipped, Greenbrier State Park which has hiking trails and a large man-made lake. Hike the Appalachian Trail to Annapolis Rocks, a picturesque outcrop where we will climb and rappel. Whitewater raft on the Shenandoah River under the guidance of experienced outfitters. Take a walk on one of the Park’s trails that meanders through a variety of wildlife habitat, including wildflowers, birds, animals, fish, turtles, and frogs. Journaling, campfires, and family activities in the evening provide reflection for time spent learning together about the wonderful world around us.

Please note: This program will include all meals during the program. No previous camping experience is necessary, but this is a physically demanding program that requires a certain level of fitness. Participants should bring sleeping bags, mats, and pillows as you will be sleeping in tents provided by TMI. Detailed information will be available upon registration.

Cost: $575 per person
7th – 10th Graders:
Odyssey Series

The word “odyssey” often evokes the image of an adventurous journey. Our CTY journey does not require exploring the world in a physical sense as “odyssey” also refers to an intellectual quest. CTY invites Talent Search participants and their families to participate in our Odyssey Series which strives to introduce students early in their academic careers to the wonderful range of subject areas in the liberal arts. Our host sites are each devoted to a particular theme in the liberal arts.

Program Information

The Day…
The typical Odyssey Series program runs from approximately 8:00 a.m. to 3:30 p.m., beginning with a morning keynote address and followed by specially designed workshops and presentations led by educators who share their research and experience. Students and parents typically remain together throughout the day.

The program usually concludes with a plenary session. Continental breakfast and lunch are provided.

Cost: Varies by site; please see the following pages.
One-Day Programs

Museum of Flight—Seattle, WA
Saturday, November 19, 2011

Begin the day with a visit to the Museum's Airpark featuring some of aviation's best-known aircraft, such as Air Force One used by President Kennedy and the Concorde supersonic airliner. On a simulated space mission aboard a realistic Mission Control and Space Station in the Challenger Learning Center, test life support systems, build a scientific space probe, and analyze extra-terrestrial samples. As part of a crew of astronauts, you will be returning to the Moon for the first time since 1972. Your goal is to select a site for a permanent base and explore the feasibility of off-Earth settlements. If all goes well, your team will navigate into lunar orbit, launch an exploratory probe, and analyze data gathered from the lunar surface before selecting the site for Moon Base #1. Use the Museum's robotics kits to learn basic engineering skills required to build an extra-terrestrial rover. Learn the history of robotics and discuss the latest achievements of robots in space and on Earth. Join CTY for the ultimate trip at the Museum of Flight!

This program begins around 9:00 a.m. and ends around 4:00 p.m. Continental breakfast and lunch are included.

Cost: $95 per person

American Museum of Natural History—New York, NY
Saturday, December 3, 2011

Join CTY for a day of discovery at the Beyond Earth: The Future of Space Exploration exhibition, which will launch you into the exciting study of future space journeys. This amazing exhibit encourages you to speculate on the next steps into the solar system and beyond. It features a re-creation of a lunar habitat, a model of an elevator reaching up into space, a walk-through diorama of the Martian surface, and challenging computer interactive exhibits. We will investigate possible missions of the future—returning humans to the Moon, landing on and deflecting a potentially deadly asteroid, or traveling to Mars and perhaps establishing colonies there. Find out what experts think the future will hold for us beyond planet Earth. Don't miss this out-of-this-world experience at this outstanding museum!

Cost: $95 per person

University of Maryland Baltimore County
Chess Masters—Baltimore, MD
Sunday, February 19, 2012

Chess has been played and enjoyed by people around the world for over two thousand years. Whether you have played chess for a long time or are just a beginner, this program is for you. You will meet and have the opportunity to discuss chess with Grand Master Sam Palatnik; take part in a chess exhibition during which a grandmaster will simultaneously play all the CTY challengers; and view an exhibition chess match between grandmasters with move-by-move, sports-like commentary. Through chess, we learn how to analyze a situation by focusing on important factors, eliminating distractions, devising creative solutions, and putting a plan into action. Join us for this fascinating day spent on the campus of UMBC—home of the College Chess Champions!

This program begins around 9:00 a.m. and ends around 4:00 p.m. Continental breakfast and lunch are included.

Cost: $95 per person

Exploratorium—San Francisco, CA
Saturday, March 10, 2012

Join us as we blend classroom activities and demonstrations with guided explorations of an exhibit collection to build an experiential understanding of light and color. Participants use lasers to determine the focal length of a lens, investigate how soap bubbles show us color, and build their own spectroscope to analyze various light sources. We will also investigate how a polarizer affects light. Throughout our explorations, we will note the important discoveries of early investigators.

This program begins around 8:30 a.m. and ends around 3:30 p.m. Continental breakfast and lunch are included.

Cost: $95 per person

The Metropolitan Museum of Art—New York, NY
Saturday, May 5, 2012

The Met is one of the world's great museums and will be host to an amazing CTY program focusing on Myths and Mysteries. In order to understand these topics, you will explore the Greek and Roman galleries with Museum staff, discover the pleasures of gallery sketching, become an artist yourself with a hands-on art project, and take part in a Museum-wide scavenger hunt. You will also have time to explore the museum on your own when the program is finished. Spending time at The Met is an exciting and exhilarating experience. Join us for a remarkable adventure at this premier institution!

This program begins around 8:30 a.m. and ends around 3:30 p.m. Continental breakfast and lunch are included.

Cost: $120 per person
One-Day Programs
Continued

Jefferson Patterson Park and Museum—St. Leonard, MD
Saturday, May 19, 2012
Jefferson Patterson Park and Museum is a place full of secrets waiting to be unearthed. Investigate the past by working alongside professional archaeologists. Explore native life at an Indian village where you learn a unique hunting technique and how to make fire without matches. Excavate at an 18th century plantation site along the Patuxent River. Work with conservators to analyze your findings at the state-of-the-art Maryland Archaeological Conservation Laboratory. Through hands-on activities and real life examples, you will travel back in time and discover the people behind the artifacts. Join CTY for a day of excavating, exploration, and excitement!
This program begins around 9:00 a.m. and ends around 4:00 p.m.
Continental breakfast and lunch are included.
*Cost: $95 per person

Maryland Historical Society and Fort McHenry—Baltimore, MD
Saturday, June 30, 2012
Commemorate the bicentennial of the War of 1812 by exploring the rich collections of the Maryland Historical Society and walking in the footsteps of the defenders of Baltimore at Fort McHenry National Monument and Historic Shrine. Examine life in Baltimore in 1812, debate the causes of the war, and discuss privateering during a tour of the Maryland Historical Society’s museum and research archives. Then visit Fort McHenry to learn about the Battle of Baltimore and the writing of the Star Spangled Banner. Explore the Fort with a National Park Service Ranger, serve as a member of a gun crew on the Fort’s artillery battery, and hold a full-size replica of the Star Spangled Banner flag on the Fort’s historic parade ground.
This program begins around 9:00 a.m. and ends around 4:00 p.m.
Continental breakfast and lunch are included.
*Cost: $75 per person

International Spy Museum—Washington, DC
Monday, July 16, 2012
Ever wondered if you could be a spy? Now’s your chance to find out! Students and parents are invited to work together in teams to accomplish a variety of missions—some of which are so secret we can’t put them in print! Kicking off this day of adventure with a keynote presentation by a former spy, audience members will learn the “real deal” of the shadow world of spying and gain insights into the role of intelligence both past and present. Following an “interrogation” of the keynote speaker, families will compete in teams in Operation Spy. Teams will debrief over lunch at the Museum followed by a secondary mission on the streets of DC. Spy in the City will test students and parents as they move through the city on a quest for intelligence to stop a terrorist threat unfolding before their eyes. Upon re-entry to headquarters, teams will be debriefed, prizes will be awarded, and who knows… spies among us may be revealed!
This program begins around 9:00 a.m. and ends around 4:00 p.m.
Continental breakfast and lunch are included.
*Please note: The student to parent ratio for this program is 1:1. For every student that enrolls, only one adult can register.
*Cost: $120 per person

Chesapeake Bay Foundation at Arthur Sherwood Study Center—Annapolis, MD
Spring 2012
Gain a deeper understanding of the Chesapeake Bay’s ecosystem by exploring the Bay in a fully equipped research vessel and canoeing in the Meredith Creek. By studying the various organisms and plants, you will be able to draw connections between the different life forms in the Bay, as well as identify species’ adaptations. While at the Center, you will explore the tidal salt marshes of the creek and catch and identify some of the resident animal life. This program involves hands-on experiences and encourages you to develop a more complete understanding of how all parts of the Bay are connected—including the role humans play in estuarine ecology.
This program begins around 9:00 a.m. and ends around 4:00 p.m.
The date and details of this program are in the planning stages.
Please visit www.cty.jhu.edu/family for updates.
*Cost: $95 per person
Extended Programs

Yosemite Institute—Yosemite National Park, CA
Wednesday, July 4 – Saturday, July 7, 2012

During a customized educational adventure, hike through the dramatic landscapes of Yosemite National Park, such as Yosemite Valley, Tuolomne Meadows, Glacier Point, and the Tuolomne Grove of Giant Sequoias. Explore the impact of human actions on the environment. Stay in our private, rustic lodging and enjoy healthy, home-cooked meals. Through active, hands-on engagement in this breath-taking setting, the Yosemite Institute faculty will draw upon your knowledge of science, history, and the arts.

This multi-disciplinary program will provide unparalleled opportunities for personal growth, adventure, and learning in one of the most beautiful places on earth. More specific information regarding daily activities will be available upon registration.

Cost: Register early for special pricing!
- Register by April 1, 2012: Cost per person $575
- Register between April 2 – May 15, 2012: Cost per person $625
- Registration closes May 15, 2012

Mountain Institute—Harpers Ferry, WV
Monday, July 23 – Friday, July 27, 2012

Traveling down the Potomac River by canoe is a fun, educational way to immerse your family in our nation's history. We will spend five days making our way downstream from Little Orleans to just above Harpers Ferry, WV. The focus of the program is early American history, westward expansion, history as an ongoing process, and its relevance in our lives today. We'll visit Fort Frederick, an outpost during the French and Indian War; the town of Hancock, MD, where we investigate the C&O Canal and the National Road; and the Antietam National Battlefield. Along the way, learn canoe paddling techniques, basic river reading skills, and riverside cooking skills. Accommodations will be primitive riverside campsites. Camp set up, cooking, and clean up will all be managed internally by the group. No experience is necessary, but this trip will require active participation and physical exertion.

Cost: $675 per person

7th – 10th Graders: Science and Technology Series

The Science and Technology Series is inspired by the daily advances in technology that affect our lives in countless ways. In these one-day programs, students and parents explore aspects of technology and science through demonstrations, lectures, and hands-on workshops led by pioneering scientists, mathematicians, and academic researchers.

Program Information

The Day...

The typical Science and Technology program runs from approximately 8:00 a.m. to 4:00 p.m. The day begins with a morning keynote address, followed by specially designed workshops and presentations in which scientists share their research and experience. For part of the day, adults may explore the theme of the program in separate, concurrent sessions specifically designed for CTY parents. Families will reconnect for lunch and again at the conclusion of the program to share their experiences from the day's activities. Continental breakfast and lunch are provided.

Cost: Varies by site; please see the following pages.
Science and Technology Series

One-Day Programs

International Spy Museum: The Science of Spying—Washington, DC

Saturday, November 12, 2011

This program is for grades 7-10. Operation Bug in a Book: Make Your Own Remote Listening Device: You’ve just intercepted an encrypted message that leads to the bookshelves in a local library. This is where the secret meeting will take place. Your mission: eavesdrop on a meeting without blowing your cover. Your tool of choice: a covert wireless listening device embedded in a book. In this spy science workshop, participants will make their own “Bug in a Book.” Using soldering irons, wire cutters, and basic electronics, participants will transform an innocent-looking book into a spy tool. Over lunch, former head of the CIA Office of Technical Services, Bob Wallace, will deliver a keynote lecture about the role of science and technology in spying.

This program begins around 8:00 a.m. and ends around 4:00 p.m. Continental breakfast and lunch are included. The cost includes entrance to the museum, and all electronic materials.

Cost: $160 per person

Harrisburg University: Nanostructures and Nanobiotechnology—Harrisburg, PA

Saturday, December 10, 2011

This program is for grades 7-10. Explore the world of tiny structures (nanostructures) capable of producing BIG wonders! Learn how and why nanostructures are important to disease detection, heart stents, cancer research, environmental protection, and iPhones. We will discover surprising inventions and unexpected collaborations between scientific disciplines—chemistry, biology, medicine, electrical engineering, computer science, and physics.

This program begins around 8:00 a.m. and ends around 4:00 p.m. Continental breakfast and lunch are included.

Cost: $95 per person
One-Day Programs

Continued

**Harrisburg University: Sweet Sciences and Food Biotechnology**—Harrisburg, PA

**Sunday, December 11, 2011**

*This program is for grades 7-10.* Consider the fact that your favorite food might be flavored by a scientist, and not a chef. Your senses and perceptions will be challenged during this program as we discover the roles that biotechnology has on food. Food science and biotechnology professionals will share their expertise with us and we will learn about technologies used to improve food safety, and understand how sensory scientists select the flavors of our favorite foods—even chocolate!

This program begins around 8:00 a.m. and ends around 4:00 p.m.

- Continental breakfast and lunch are included.
  - Cost: $95 per person

**California State University Fullerton**—Fullerton, CA

**Saturday, January 28, 2012**

*This program is for grades 7-10.* Science is always in the news. It is often difficult for news outlets to fully understand what is happening and then to explain to the public the science behind the story. The tendency to politicize or dramatize events in the mass media for ratings is often present. California State University Fullerton scientists will de-mystify and clarify some of the most recent and ongoing news events. Examples are: the earthquake/tsunami in Japan and the damage to the nuclear reactor; the promise, challenges, and issues surrounding stem cell research; the truth about antibiotic-resistant bacteria and disinfectants; identity theft and encryption techniques; genomics for individualized medicine; and what to believe about climate change.

CTY families will participate in computer simulations and lab experiments that explore these topics.

This program begins around 8:00 a.m. and ends around 4:00 p.m.

- Continental breakfast and lunch are included.
  - Cost: $95 per person

**Johns Hopkins University: Biotechnology and Bioengineering**—Baltimore, MD

**Saturday, March 24, 2012**

*This program is for grades 7-10.* Join us as we discover the results of cutting-edge research in the fields of biotechnology and bioengineering. Johns Hopkins researchers in the fields of bioinformatics, robotics, and cellular biology will share their expertise in lectures, demonstrate the latest modern tools and equipment of biotechnology, lead tours of university research laboratories, and teach you how to use bioinformatics software in the computer laboratory.

This program begins around 8:00 a.m. and ends around 4:00 p.m.

- Continental breakfast and lunch are included.
  - Cost: $95 per person

**Harrisburg University: Got Game? Video Game Design and Production**—Harrisburg, PA

**Saturday, April 14, 2012**

*This program is for grades 7-9.* Are you interested in video games, interactive simulations, or new media? How about game design, visual arts, programming, sound design, and the games industry? If so, then you will want to join us to learn more about careers in the games industry from a panel of prominent creative and technical professionals working in the field. We will explore methods and technologies used by professional game makers throughout the world and will experience the gaming creative process—from ideation to problem-solving and delivery.

This program begins around 8:00 a.m. and ends around 4:00 p.m.

- Continental breakfast and lunch are included.
  - Cost: $95 per person

**Bohart Museum of Entomology, University of California, Davis: Insects and Evolution**—Davis, CA

**Saturday, May 19, 2012**

*This program is for grades 7-10.* Curious about insects? They may be small but their diversity and importance is astounding. During this program, experts from the UC Davis Entomology Department will lead outdoor explorations, indoor workshops, and dynamic lectures during which you will learn how to study insects such as ants and soapberry bugs. As we discover the smaller world around us, we’ll learn about the connection between insects, evolution, medicine, and agriculture.

This program begins around 8:00 a.m. and ends around 4:00 p.m.

- Continental breakfast and lunch are included.
  - Cost: $120 per person

**Museum of Wildlife and Fish Biology, University of California, Davis: Birds and Conservation**—Davis, CA

**Sunday, May 20, 2012**

*This program is for grades 7-10.* Learn about birds through the eyes of a biologist. Join us for a day exploring the birds of California through hands-on activities and engaging talks with scientists from the Museum of Wildlife and Fish Biology (MWFB) at UC Davis. You’ll start the day on a field trip learning to identify California birds and discover how biomonitoring is an important tool for conservation biology. Back on campus, go behind-the-scenes of the MWFB to learn how bird specimens are prepared and how the museum collection serves past, current, and future scientific research. Please bring binoculars, if you have them, sturdy walking shoes, and a sense of adventure!

This program begins around 8:00 a.m. and ends around 4:00 p.m.

- Continental breakfast and lunch are included.
  - Cost: $120 per person
Extended Programs

Ocean Institute—Dana Point, CA
Sunday, July 29 – Tuesday, July 31, 2012

This program is for grades 7-10. During this remarkable adventure, you will explore the ocean and its inhabitants by land and by sea, conduct scientific experiments, snorkel, drive remotely operated vehicles, and more. Depart from the Ocean Institute (OI) for Catalina Island onboard OI’s research vessel Sea Explorer and study interrelationships of the unique flora, fauna, and geological origins of this isolated island environment. Experience the kelp forest ecosystem while snorkeling among the reefs. While returning to OI, observe marine mammals by studying their bioacoustics and artifacts, and identify drifting and benthic organisms from plankton and mud samples. Later, discover the mysteries of the ocean depths and determine the history by studying replica cores of the ocean bottom and find metallic objects under water with a magnetometer. Assist the scientist aboard the research vessel Sea Explorer to map the ocean floor and locate sunken objects using a side scan sonar unit and fathometer. During this amazing program, you will discover why we know more about the surface of Mars than we do about the ocean floor!

Please note: You will be spending approximately 10 hours on boats throughout this program. All meals are included for the length of the program. You will need to bring sleeping bags, mats, and pillows as you will be sleeping on the floor in one of OI’s buildings.

Cost: $575 per person

Monterey Bay Aquarium and Call of the Sea Tall Ship Program—Monterey, CA
Saturday, August 4 – Monday, August 6, 2012

This program is for grades 7-10. Come learn about science while sailing the Monterey Bay! A senior naturalist from Monterey Bay Aquarium will lead you on a private tour of the Aquarium as you begin your day with an introduction to the marine life and deep sea canyon found in the Bay. Then put your knowledge to the test as you board the Call of the Sea’s Tall Ship Seaward to explore the coastal shoreline and deep sea canyon in the Bay. Look for marine life as you are led through a series of hands-on program stations where you will learn the basics of oceanography and deep sea. How do winds affect water temperature, ocean nutrients, and marine mammals? How are underwater canyons formed? How did sailboats navigate before GPS? In this hands-on, three-day program, you will be immersed in the life of the tall ship and become part of the crew—standing watch, setting sails, navigating, learning the arts of a sailor, and helping with the duties of keeping the boat ship-shape. What’s more, you will set the stage for becoming a marine scientist!

Please note: All meals will be provided during this program. You will need to bring sleeping bags as you will be sleeping aboard the Tall Ship Seaward on Saturday and Sunday evenings.

Cost: $825 per person

Living Classrooms Foundation—Baltimore, MD
Monday, August 20 – Friday, August 24, 2012

This program is for grades 7-10. The Chesapeake Bay is both a national treasure and a regional economic engine. This amazing program takes place on board Living Classrooms Foundation’s historic skipjack Sibree as families delve into issues threatening the Bay. How should we respond to the decline in blue crabs? What is the role of oysters in the Bay’s health and should we introduce heartier Asian varieties? Is urban or agricultural runoff more responsible for declining Bay health? Throughout this unique program, participants wrestle with critical questions affecting this complex ecosystem. While on board, you employ scientific equipment to analyze water and marine life. You will meet and learn from scientists, watermen, and government officials, and apply your new knowledge in real-world settings. Each day, you share responsibility of setting up and striking camp, cooking, cleaning, and maintaining the ship. While on shore, you will perform lab work and investigations to explore topics such as crab anatomy, physiology, and behavior; estuarine interactions; predator-prey relationships; and the ecological role of the oyster beds. Evening activities may include night hikes, games, and campfires. Families will learn about the watershed, water parameters, and water quality of the Chesapeake Bay. You will leave with a better understanding of the interplay among man, economics, science, and the environment. No previous sailing experience is necessary, but this is a physically demanding course that requires a certain level of fitness.

Please note: This program will include all meals for the length of the program. Participants should bring sleeping bags, mats, and pillows as you will be sleeping in tents. Evenings will be spent at primitive campsites along the way. Camping facilities will vary, but all will be basic—a few have showers, most will not. Fresh water will be available for cooking, cleaning, drinking, and personal hygiene. More specific information about campsites and activities will be available upon registration.

Cost: $675 per person

Cost: $825 per person
9th – 12th Graders: Pathways to College Series

Now is the time you should be planning for your college years! Family Academic Programs proudly announces the 2011 – 2012 Pathways to College Series. These programs are specifically designed for CTY Talent Search participants and their families.

Program Information

College Experts, Student Views, and More!
Let us help guide you through the many exciting decisions that await you. Pathways to College will put you in touch with university professionals and college students in an open forum that explores the college journey. Speakers include experienced admissions representatives, college counselors, financial aid experts, student life staff, and college students who will discuss topics ranging from admissions tips to scholarship sources to college selection. Take advantage of this great opportunity for candid insight from the people who best understand the exciting challenges and opportunities ahead.

The Day…
Pathways to College programs generally run from 8:00 a.m. to 3:30 p.m. Students and parents will spend approximately half the day together; the rest of the day will be spent in separate workshops geared toward students’ and parents’ specific interests. Students will attend workshops on the admissions process and writing the personal essay while parents will attend sessions on the admissions process and applying for financial aid and scholarships. Families will also have the opportunity to explore the host college’s campus together.

Cost: $90 per person

Workshops on Admissions, Financial Aid, Standardized Testing, Essay Writing, and the Application Process
• Choosing a college that’s right for you
• Understanding the college admissions and financial aid processes
• Avoiding common application mistakes
• Identifying roles in the preparation process for students, parents, and schools
• Mapping out your college plan
• Participating in a mock admissions committee
• Test taking tips and strategies

College Student Presentations
• Searching for schools and choosing where to apply
• Adjusting to campus and dorm life
• Managing stress and time
• Utilizing resources on campus
• Getting involved on campus

Fall 2011
Wesleyan University—Middletown, CT
Saturday, November 12, 2011

Spring 2012
Pitzer College—Los Angeles, CA
Saturday, January 21, 2012

University of Pennsylvania—Philadelphia, PA
Saturday, February 4, 2012

University of California, Los Angeles—Los Angeles, CA
Sunday, February 26, 2012

Mills College—San Francisco, CA
Saturday, March 3, 2012

Johns Hopkins University—Baltimore, MD
Saturday, May 12, 2012
2011 – 2012
Educational Travel Programs

Family Academic Programs proudly offers the following Educational Travel Programs. Although each adventure is unique, they all aim to introduce students and parents to the rich natural, cultural, and historical aspects of spectacular destinations spanning the globe. From ancient temples in Indonesia to the Teton range of Wyoming, participants will build lasting memories and wonderful friendships as they experience an incredible family adventure!

Program Information

Our Educational Travel Programs are recommended for students in the 5th - 12th grades. However, younger siblings and Talent Search participants in grades 2 – 4 may be permitted to attend after a parent or guardian speaks with Family Academic Programs staff about the pace and content of the programs.

Detailed itineraries, registration forms, and additional details for each of these programs will be available early this fall at www.cty.jhu.edu/familyfieldstudy.html. Listed costs cover all fees associated with the travel programs except airfare to and from the destinations.
Wyoming Winter Adventure  
Jackson Hole, WY

Monday, December 26, 2011 – Sunday, January 1, 2012

Planned in collaboration with Teton Science Schools, this family adventure will connect you to the natural wonders of Jackson Hole, Wyoming. Teton Science Schools have been connecting people, nature, place, and education since 1967.

Snowshoe and cross-country ski across Grand Teton National Park. Mush a dogsled while learning to run your own team. See thousands of wintering elk during a horse-drawn sleigh ride across the National Elk Refuge. Explore the animal habitats of Jackson Hole with an expert naturalist who will teach you tracking and snow science skills. View many species of wildlife which may include moose, bighorn sheep, mule deer, bald eagles, and perhaps a wolf or mountain lion.

Cost per person: $2,345 Adults and Children

It is recommended that children be at least ten years old to attend this program. Price includes accommodations and most meals during the program. It does not include airfare or other transportation to and from the Teton Science Schools Jackson campus at the start or end of the program. More detailed information will be available upon registration.

Colorado Dinosaur Discovery  
Grand Junction, CO

Saturday, June 23 – Friday, June 29, 2012

Discover the world of paleontology in one of the richest dinosaur domains in the country. What could be more thrilling than the chance to dig for dinosaur fossils deep in Colorado’s red-rock country? On this program, we hike the “Trail Through Time,” where dinosaur skeletal fragments have remained embedded for 145 million years, and dig side-by-side with scientists in a quarry where incredible discoveries have been made, including bones from eight species of dinosaurs.

Based in the beautiful Grand Valley of the Colorado River—a region teeming with dinosaur fossils—this program, reserved especially for CTY families, will take us from prospecting to quarrying to laboratory preparation of fossils. The enthusiastic field staff is expert at tailoring instruction for all age levels, with emphasis on both fun and learning. Our expedition also includes a wonderful array of activities outside the dinosaur quarries. Enjoy a rafting trip on the spectacular Colorado River, hike in awe-inspiring Colorado National Monument, and ride horses through a beautiful, secluded valley.

The Grand Junction area is also the perfect region from which to extend a family vacation to other destinations in the West. The phenomenal National Parks of Utah, the incredible ruins of Mesa Verde, and that most western of towns, Durango, Colorado are a few of the nearby possibilities. This is an exciting opportunity for CTY families to create unforgettable summer memories, to establish friendships within the CTY community, and to enjoy an enriching educational process. We hope you join us in Colorado!

Register by March 15, 2012 for special pricing!

Cost per person: $3,880 Adults / $3,250 Children 16 and under

Register March 16, 2012 or later:

$3,980 Adults / $3,350 Children 16 and under

It is recommended that children be at least ten years old to attend this program. Prices include accommodations and most meals during the program. It does not include airfare or other transportation to and from Colorado at the start or end of the program. More detailed information will be available upon registration.
Bali and Beyond: A Family Adventure in Amazing Indonesia

Saturday July 14 – Friday July 27, 2012

Experience the trip of a lifetime during this sweeping, enthralling adventure that explores Indonesia’s most wondrous islands. Join CTY for the ultimate way to experience Indonesia’s many distinct cultures, immense artistic riches, ancient monuments, and unsurpassed wildlife.

Explore the Flores Sea on a comfortable live-aboard masted schooner. Sail from isle to isle, dropping anchor in secluded coves to snorkel with tropical fish and turtles in crystal-clear waters. Stop at remote islands to search for wildlife, including the Komodo dragon, a throwback to the Jurassic age.

On the lovely island of Bali, surrender to the island’s famously tranquil, spiritual ambiance. Discover traditional arts and instruments in villages that practice ancient methods of production. On Java take in a classical dance performance, explore bubbling volcanic craters, walk among terraced rice paddies, and wander through bustling night markets. Discover sacred Hindu and Buddhist temples, culminating in a visit to Borobudur, the world’s largest Buddhist monument.

This spectacular excursion traverses the Wallace Line, a biogeographical divide separating the marsupial-dominated species native to the Australian continent versus the mammals of Asia. See the dramatic differences in flora and fauna noted by Darwin’s young contemporary, naturalist Alfred Russel Wallace—a century before plate tectonics confirmed his hunch. Through hands-on experience, the entire family will soak up concepts from geography to natural history to world religions in ways that no textbook could ever impart.

Local guides will provide insightful interpretation throughout the journey. Exquisite, culturally authentic accommodations complement a superb itinerary. Space on this trip is very limited, so please register soon to ensure that your family can join this amazing journey.

Register by March 15, 2012 for special pricing!

Cost per person: $5,495 Adults / $5,195 Children ages 12–17 / $4,995 Children 11 and under

Register March 16, 2012 or later: Adults $5,595 / Children ages 12–17 $5,295 / Children 10 and 11 $5,095

It is recommended that children be at least ten years old to attend this program. Prices include accommodations and most meals during the program. It does not include airfare or other transportation to and from Bali at the start or end of the program. More detailed information will be available upon registration.

Marine Studies in the Highlands of Scotland

Aigas, Scotland

Saturday, July 21 – Saturday, July 28, 2012

Experience Scotland with the renowned Aigas Field Centre. Set in the wild and rugged landscape of the Highlands, Aigas is located west of the North Sea and just a few miles north of famed Loch Ness. Its location enables easy access to many diverse marine environments, such as mudflats, estuaries, crofts, and peat bogs. Our program includes a blend of natural history and culture, focusing on the wonders of the natural marine world, with open-ended and child-led interpretive art projects. Through a variety of on-site presentations, hands-on activities, and engaging projects, families interact with a variety of marine life and explore diverse marine environments.

What is learned at Aigas will literally come to life during daily trips to various coastal and inland marine locations, including rugged coastlines, pristine lochs, and sandy beaches. Whether observing a frolicking bottlenose dolphin, watching a summer sunset at 10 p.m., listening to melodic Scottish bagpipes, learning how to ceilidh dance, or enjoying local culinary delights, families will build memories to last a lifetime.

Register by March 15, 2012 for special pricing!

Cost per person: $2,200 Adults / $1,400 Children 16 and under

Register March 16, 2012 or later:
$2,300 Adults / $1,500 Children 16 and under

It is recommended children be at least eight years old to attend this program. Prices include accommodations and most meals during the program. It does not include airfare or other transportation to and from Scotland at the start or end of the program. Detailed information will be available upon registration.
Alaska Family Adventure
Friday, August 10 – Saturday, August 18, 2012

Big, bold, and wild, Alaska is one of the planet’s most exciting destinations for a family adventure. Join CTY aboard the *Wilderness Adventurer*, a small ship capable of nimble exploration, for an unforgettable voyage through the hidden bays and isolated waterways of the magical Inside Passage—a naturally protected waterway extending from Puget Sound to Skagway, Alaska—known for its snow-capped mountains, waterfalls, and glaciers.

Gain a better understanding about the importance of carving to Alaskan culture, mixing with the locals and gazing up at the many restored totem poles that color Klawock village. Drop crab pots en route into prime fishing waters. Wind through the high forests on an old logging trail. Paddle the scenic, four-mile roundtrip around Devilfish Cove. Explore Frederick Sound on foot or kayak, keeping an eye out for eagles, sea birds, and sea lions. Learn fascinating facts and behavioral theories about whales from the onboard naturalist. Glide through Walker Cove in the Misty Fjords National Monument, a haven for ducks, moose and river otters. And don’t miss El Capitan Cave, the largest known cave in North America. Stand on the ship’s deck in the late light of a summer’s evening as magnificent humpback whales breach off starboard and have your breath taken away by sculptural glacial views and snow-capped mountains. This Inside Passage cruise puts you front and center to the real Alaska, from the ethereal beauty of ancient forests to amazing wildlife encounters—all in the company of friendly educators who are passionate about this awe-inspiring “Great Land.” Space on this trip is very limited, so register early.

Register by March 15, 2012 for special pricing!

- **Cost per person:** $4,990 Adults and Teens / $4,890 Children 12 and younger
- **Register after March 2, 2012:** $5,090 Adults and Teens / $4,990 Children 12 and younger

It is recommended that children be at least ten years old to attend this program. Prices include accommodations and most meals during the program. It does not include airfare or other transportation to and from Bali at the start or end of the program. More detailed information will be available upon registration.

### CTY Family Academic Programs Registration Form

For a faster and easier option, register online at [www.cty.jhu.edu/family](http://www.cty.jhu.edu/family).

#### Participant Information (Please print)

| Name of CTY Student Attending |
| CTY Student ID# Required | Grade/Age |
| Name of Additional Student Attending | Grade/Age |
| Name of Additional Student Attending | Grade/Age |
| Name of Adult Attending | Relationship to Student(s) |
| Street Address | City/State/Zip Code |
| Home Phone Number | Work Phone Number |
| E-mail Address | Cell Phone Number |

#### Program(s) for which you are registering

| Program Code (from pp. 32-33) | Program Date | Number of Participants | Price per Person (from pp. 32-33) | Total Cost |
| Total Amount Enclosed: |

**HOW TO REGISTER**

1. You may register online at [www.cty.jhu.edu/family](http://www.cty.jhu.edu/family)
2. OR detach this form and mail OR fax with your payment to:
   CTY Family Academic Programs • P.O. Box 64300, Baltimore, Maryland 21264
   FAX: 866-832-8621

Please submit your registration ONLY ONCE, via fax, online, OR mail, to prevent duplicate charges.

**METHOD OF PAYMENT**

- Check/money order payable to JHU/CTY. (There is a $25 fee for all returned checks.)
- We accept only MasterCard and Visa
  - ☐ MASTERCARD ☐ VISA
  - CARD ACCOUNT NUMBER_________/_________/_________/_________/ EXP DATE________
  - NAME OF CARD HOLDER______________________________
  - AUTHORIZED SIGNATURE____________________________

Questions? Contact us at 410-735-6115 or [ctyfam@jhu.edu](mailto:ctyfam@jhu.edu)
2011 – 2012 Family Academic

Please use the information below to assist you in completing your Registration Form. Thank you.

| 2nd – 4th Graders: Creative Connections |  |
|----------------------------------------|--|---|---|
| **Host** | **Date(s)** | **Cost Per Person** | **Program Code** |
| CBF: Philip Merrill Environmental Center | Spring 2012 | $95 | CRV.CBF |
| Walters Art Museum | Sun. 3/18/12 | $95 | CRV.WAL |
| Oregon Museum of Science & Industry | Sat. 4/14/12 | $95 | CRV.OMS |
| Historic Ships in Baltimore | Sat. 4/28/12 – Sun. 4/29/12 | $160 | CRV.USS |
| National Building Museum | Sun. 5/6/12 | $75 | CRV.NBM |
| Jefferson Patterson Park & Museum | Sat. 5/12/12 | $95 | CRV.JPP |
| Newseum | Sat. 5/19/12 | $95 | CRV.NEW |
| The New York Botanical Garden | Sun. 6/3/12 | $75 | CRV.NBG |
| Monterey Bay Aquarium | Sun. 6/24/12 | $175/$125 | CRV.MBA.1 |
| Ocean Institute | Sun. 7/22/12 | $160 | CRV.OCI |
| Beverly Hills Chess Club | Summer 2012 | TBD | CRV.BHC |
| Mount St. Helens Institute | Sat. 7/29/12 – Sun. 7/30/12 | $160 | CRV.MSH |
| Aquarium of the Pacific | Wed. 8/1/12 – Thurs. 8/2/12 | $160 | CRV.AOP |
| Monterey Bay Aquarium | Sun. 8/8/12 | $175/$125 | CRV.MBA.2 |

| 5th – 7th Graders: Discovery Series One-Day Programs |  |
|-----------------------------------------------------|--|---|---|
| **Host** | **Date(s)** | **Cost Per Person** | **Program Code** |
| Headlands Institute | Sat. 11/19/11 | $95 | DIS.HEAD |
| Exploratorium | Sat. 2/11/12 | $95 | DIS.EXP |
| American Visionary Art Museum | Sat. 3/3/12 | $75 | DIS.AVA |
| Newseum | Sat. 3/10/12 | $95 | DIS.NEW |
| National Building Museum | Sun. 4/15/12 | $75 | DIS.NBM |
| Ocean Quest & Maritime Academy | Sun. 5/20/12 | $95 | DIS.OCQ |
| Monterey Bay Aquarium | Sun. 7/29/2012 | $160 | DIS.MBA |
| American Museum of Natural History | Summer 2012 | $95 | DIS.ANH |
| Beverly Hills Chess Club | Summer 2012 | TBD | DIS.BHC |

| 5th – 7th Graders: Discovery Series Overnight and Extended Programs |  |
|---------------------------------------------------------------|--|---|---|
| **Host** | **Date(s)** | **Cost Per Person** | **Program Code** |
| International Spy Museum | Sat. 12/3/11 – Sun. 12/4/11 | $160 | DSW.SPY1 |
| International Spy Museum | Sat. 2/25/12 – Sun. 2/26/12 | $160 | DSW.SPY2 |
| Long Beach Marine Institute | Sat. 2/25/12 – Sun. 2/26/12 | $160 | DSW.LBM |
| Mote Marine Laboratory & Aquarium | Sat. 3/31/12 – Tues. 4/3/12 | $975 | DSW.MML |
| International Spy Museum | Sat. 4/21/12 – Sun. 4/22/12 | $160 | DSW.SPY3 |
| Peabody Museum of Nat. Hist. at Yale | Sat. 4/28/12 – Sun. 4/29/12 | $160 | DSW.PEA |
| LCF at Masonville Cove | Sat. 5/5/12 – Sun. 5/6/12 | $175 | DSW.LCF1 |
| NYU School of Medicine Sterling Forest | Sat. 5/5/12 – Sun. 5/6/12 | $160 | DSW.STF |
| USS Constellation | Sat. 5/19/12 – Sun. 5/20/12 | $160 | DSW.USS |
| Frank Lloyd Wright at Taliesin West | Sat. 5/26/12 – Mon. 5/28/12 | $975 | DSW.TAL |
| Chabot Space & Science Center | Sat. 6/2/12 – Sun. 6/3/12 | $160 | DSW.CSC |
| The Mountain Institute at Greenbrier | Wed. 6/20/12 – Sat. 6/23/12 | $975 | DSW.TMI |
| Ocean Institute | Sun. 7/1/12 – Mon. 7/16/12 | $250 | DSW.OCI |
| Living Classrooms Foundation | Mon. 8/13/12 – Fri. 8/17/12 | $975 | DSW.LCF2 |
| Mount St. Helens Institute | Sat. 8/18/12 – Sun. 8/19/12 | $160 | DSW.MSH |
| International Spy Museum | Sat. 9/8/12 – Sun. 9/9/12 | $160 | DSW.SPY4 |

| 7th – 10th Graders: Odyssey Series |  |
|------------------------------------|--|---|---|
| **Host** | **Date(s)** | **Cost Per Person** | **Program Code** |
| Museum of Flight | Sat. 11/19/11 | $95 | ODY.MOF |
| American Museum of Natural History | Sat. 12/3/11 | $95 | ODY.ANH |
| UMBC Chess Masters | Sun. 2/19/12 | $95 | ODY.JMB |
| Exploratorium | Sat. 3/10/12 | $95 | ODY.EXP |
| The Metropolitan Museum of Art | Sat. 5/5/12 | $120 | ODY.MET |
| Jefferson Patterson Park and Museum | Sat. 5/19/12 | $95 | ODY.JPP |
| MD Historical Society and Fort McHenry | Sat. 6/30/12 | $75 | ODY.MHS |
| Yosemite Institute | Wed. 7/4/12 – Sat. 7/7/12 | $575-$625 | ODY.YOS |
| International Spy Museum | Mon. 7/16/12 | $120 | ODY.SPY |
| Mountain Institute at Harpers Ferry | Mon. 7/23/12 – Fri. 7/27/12 | $675 | ODY.MTN |
| CBF: Arthur Sherwood Study Center | Spring 2012 | $95 | ODY.CBF |

| 7th – 10th Graders: Science and Technology Series |  |
|-------------------------------------------------|--|---|---|
| **Host** | **Date(s)** | **Cost Per Person** | **Program Code** |
| International Spy Museum | Sat. 11/12/11 | $95 | MAT.SPY |
| Harrisburg University | Sat. 12/10/11 | $95 | MAT.HBU.3 |
| Harrisburg University | Sun. 12/11/11 | $95 | MAT.HBU.4 |
| California State University, Fullerton | Sat. 12/8/12 | $95 | MAT.CSF |
| Johns Hopkins University | Sat. 3/24/12 | $95 | MAT.JHU |
| Harrisburg University | Sat. 4/14/12 | $95 | MAT.HBU.5 |
| Bohart Museum UC Davis | Sat. 5/19/12 | $120 | MAT.UCD.1 |
| Museum of Wildlife UC Davis | Sun. 5/20/12 | $120 | MAT.UCD.2 |
| Ocean Institute | Sun. 7/29/12 – Tues. 7/31/12 | $575 | MAT.OCI |
| Monterey Bay Aquarium/Call of the Sea | Sat. 8/4/12 – Mon. 8/6/12 | $825 | MAT.MBA |
| Living Classrooms Foundation | Mon. 8/20/12 – Fri. 8/24/12 | $675 | MAT.LCF |

| 9th – 12th Graders: Pathways to College |  |
|-----------------------------------------|--|---|---|
| **Host** | **Date(s)** | **Cost Per Person** | **Program Code** |
| Wesleyan University | Sat. 11/12/11 | $95 | COL.WES |
| Pitzer College | Sat. 1/21/12 | $95 | COL.PTZ |
| University of Pennsylvania | Sat. 2/4/12 | $95 | COL.UPA |
| University of California Los Angeles | Sun. 2/26/12 | $95 | COL.UCL |
| Mills College | Sat. 3/3/12 | $95 | COL.MIL |
| Johns Hopkins University | Sat. 5/12/12 | $95 | COL.JHU |

Registration for Educational Travel Programs

Separate registration forms for each of our Educational Travel Programs will be accessible on line at www.cty.jhu.edu/family/fieldstudy.html in October. Please contact our office at 410-735-6115 or ctyfam@jhu.edu if you would like to be notified when these forms are available, or if you would like to request that a form be faxed or mailed to you. Please specify the destination(s) in which you are interested. Thank you.
Registration Information

All CTY Talent Search participants are eligible to attend Family Academic Programs. There are no minimum qualifying scores required, so do not wait for test scores to sign up. Register now!

At least one parent or guardian must register and attend with the student(s). Siblings will be admitted only if they have been registered for the event, and, in general, only if their age is within the program grade limit. Our programs are not designed for very young children. Please contact our office at 410-735-6115 or ctyfam@jhu.edu with questions regarding sibling registration.

Registration is strictly limited, and participants will be accepted on a first-come, first-served basis. These are popular events, and locations fill quickly. Please visit www.cty.jhu.edu/family for the most up-to-date program details and site closings.

There are three ways to register for Family Academic Programs:

1. Register on-line at www.cty.jhu.edu/family
2. Fax Registration Form to 866-832-8621
3. Mail Registration Form to: CTY Family Academic Programs PO Box 64300 Baltimore, MD 21206

* Please submit your registration only once—via on-line, fax, or mail to prevent duplicate charges.
** Please note that on-line registration is not available for our Educational Travel Programs. Registration for these programs must be submitted via fax or mail. Please contact our office at 410-735-6115 or ctyfam@jhu.edu for more details.

Payment Information

CTY accepts MasterCard, Visa, and checks or money orders made payable to JHU/CTY. Payments submitted will be processed automatically upon receipt. However, your family's reservation is secured only when you receive your written confirmation. In the event that the program is filled, you will be issued a complete credit and put on a waiting list. Please do not purchase non-refundable airline tickets or hotel reservations until you receive your registration confirmation.

Please note that all past due balances (for any CTY program) must be paid prior to registration for a Family Academic Program. All payments will be applied to past due balances first.

Cancellation Policies

For cancellations made 30 days or more prior to the event, registrants will be charged a processing fee of $25 per family for any one-day events; $50 per family for Creative Connections and Discovery Overnight Programs; and $250 per family for Discovery and Science and Technology Extended Programs. From 29 to 15 days prior, registrants will be charged one-half of the total amount paid. There will be no credit for any cancellations received less than 15 days before the event.

Separate cancellation policies apply for our Educational Travel Programs—please see below.

Meals and Other Logistics

Continental breakfast and lunch are provided at no additional cost at all Odyssey, Science and Technology, and Pathways to College programs.

Due to the nature of our host facilities in the Creative Connections and Discovery Series, meals may or may not be provided. Details about meals for these series will be sent to you in the mail a few weeks prior to the program.

Most meals are included in our Educational Travel Programs. Detailed information will be available in the itineraries posted online for each trip at www.cty.jhu.edu/family/fieldstudy.

Specific information pertinent to all programs, including exact times, directions to the event, and local accommodations will be mailed to you a few weeks prior to the program date.

Additional Policies, Terms, and Conditions for Educational Travel Programs

Please note that these are general terms and conditions for our travel programs. They may be subject to change for specific destinations. Exact terms and conditions for each trip are available upon request from the individual tour operators with whom we collaborate on these programs.

Who May Attend

Our Educational Travel Programs are designed for CTY students and their parents/guardians. Siblings, other relatives, and friends may attend if they are registered and parents are comfortable about their ability to join in activities. At least one parent or legal guardian must register and participate in program activities. All travelers should be in good health before registering and comfortable with a rigorous schedule of walking, climbing stairs, and/or hiking. Enrollment is limited, and CTY families will be accepted in the order deposits are received.

Health

Any health condition or impairment that may require special medical accommodation must be reported in writing when your reservation is made. CTY and the tour operators with whom we work reserve the right to reject a reservation if it is determined that there is no reasonable accommodation that would permit an individual to participate in the activities on a trip.

Deposits

A $500 per person non-refundable deposit is needed to reserve a space. The deposit can be paid by check, money order, Visa, or MasterCard.

Payments

Families will be invoiced by our tour operators upon making a reservation, and full payment is due to the respective tour operator 120 days prior to the first land day of the trip. Additional payment information will be included with invoices. If final payment is not received in full by 120 days prior to departure, CTY and the tour operators reserve the right to treat the reservation as cancelled and to charge families for any cancellations fees.

Cancellation and Refunds

Notification of cancellation must be made in writing to CTY and the respective tour operator. At the time we receive the cancellation, all monies paid will be refunded less the following cancellation charges, deducted from the total package price.

- 121 plus days before departure: full refund less $500 deposit
- 120-46 days before departure: 50% of the package price
- 45-30 days before departure: 65% of the package price
- 29 days before departure: 100% of the package price

Please note that no partial refunds will be given for unused meals, hotel rooms, airport transfers, etc., for any reason whatsoever. Our tour operators reserve the right to increase the tour price in the event of cost increases due to changes in air fares, currency fluctuations, park fee increases, or fuel surcharges. Operators also reserve the right to alter tours without notice. Operators are not responsible for expenses incurred by trip members in preparing for the trip (e.g., passports, equipment, etc.) or for any necessary additional travel arrangements should you arrive at a destination before the group arrival date.

Travel Insurance

Some of our tour operators offer travel insurance to CTY participants. The insurance includes coverage for trip cancellation and trip interruption for documented medical reasons and other emergencies; trip delay; emergency medical treatment or evacuation during a program; lost, stolen, or damaged baggage or travel documents; and luggage delay. Families are welcome to explore alternate travel insurance options.

Liability

Our tour operators and their agents act only as agents of the passengers in all matters relating to hotel and lodge accommodation, tours, transport, etc., and shall not be liable for injury, delays, loss, or damage in any manner. The operators’ liability to passengers carried in its own vehicles is governed by the laws of the country in which the tour takes place and no other country. All claims are subject to the jurisdiction of the courts of the country in which the action arises. The operator reserves the right to employ subcontractors, for all or part of the services. In the event of execution of such right the terms of this clause apply. Operators reserve the right to decline to accept or retain any person as a member of any tour. By utilizing the services of our operators, CTY families agree that neither the operators nor any of their representatives shall be liable for any accident, injury, property damage, or personal loss to CTY participants traveling in connection with any accommodations, transportation, or other travel services, or resulting directly or indirectly from any occurrences or conditions beyond the operators’ control, including, but not limited to, acts of terrorism, war, strikes, theft, or delay or cancellation of or changes in itineraries or schedules. Medical services or facilities may not be readily available or accessible during all or part of CTY’s Educational Travel Programs. Families are responsible for selecting a trip appropriate to their abilities and interests. They are responsible for ensuring that all participants are in sufficient good health to undertake a program and are prepared for the trip by studying the itinerary and pre-departure materials sent by CTY and the tour operators.

Responsibility

Johns Hopkins University/CTY (JHU/CTY) is not responsible for changes of flight times, fare change, dishonest of airline, hotel or car rental reservations, delays, losses, injuries, inconveniences, cessation of operations, airline or tour operator bankruptcies, acts of God, or any other events beyond our control. JHU/CTY is not acting as agent for the participants with respect to travel services, and shall not be responsible for changes of flight times, fare changes, dishonest of airline, hotels or other reservations, injury, damage, loss of baggage, accidents, or for the acts or defaults of any person or entity engaged in conveying participants or in carrying out other arrangements of a travel program. Further, JHU/CTY shall not be responsible for losses or additional expenses of the participants due to sickness, weather, strike, civil unrest, quarantine, acts of terrorism, acts of God, or other cause beyond its control. JHU/CTY shall not be responsible for alteration of a program or itinerary as deemed necessary for carrying out the program and the right is reserved to substitute itinerary as deemed necessary for carrying out the program.

The right is further reserved to cancel any program prior to departure in which case the entire payment may be refunded without obligation on its part. The right is further reserved to decline to accept or to retain any person as a member of the program should such person’s health, actions, or general deportment impede the operation of the program or the rights or welfare of the other participants. No refunds will be made for the unused portions of the program. With exception of any deposit paid to CTY, tour operators are solely responsible for any refunds due participants resulting from cancellation of tour. Applicants for participation in this program accept in full all of the conditions set forth above.

Flights

While not travel agencies, our tour operators are able to assist you with booking international flights if you choose. Please note that all carriers are independent contractors and are not owned, managed, controlled, or operated by the tour operators. Airline tickets constitute a contract between travelers and the airlines (and not CTY or the operators), even if purchased through the operators. Operators are not liable for, and do not assume responsibility or accept claims with regard to, seat assignments, schedule changes, flight changes, cancellations, claims for a refund of airline ticket fees, or any other loss incurred by you for any reason whatsoever (including, without limitation to, bankruptcy, insolvency, reorganization, or similar relief from creditors). If operators block group space for a CTY program, the group fares are subject to availability and cannot be guaranteed until a minimum number of passengers have been reserved. Special fares cannot be combined with any other promotional offer.