

## AFTER-SCHOOL PROGRAMS

### Adventure Central

Adventure Central is an in-depth partnership between Ohio State Extension 4-H Youth Development and Five Rivers MetroParks that is designed to engage youth in development using a foundation of science and nature subject matter and providing homework assistance, healthful meals, and a variety of learning activities. Adventure Central program models include after-school activities, a youth leadership board, workforce preparation training and work-based learning experiences, clubs, overnight camp, and summer day camp. Over 300 youth participate in programming at Adventure Central each year, translating to more than 60,000 contact hours. Volunteers, college students, and staff members learn through direct experience with applied research projects, evaluation efforts, pilot programming, and ongoing opportunities for teens. Adventure Central Wilderness Adventures Camp and 4-H After-School Program provide opportunities for youth to be mentored by positive adult role models. Adventure Central Family Programs help strengthen relationships between families and schools. Adventure Central Workforce Preparation helps youth learn about careers and life skills through Junior Achievement, Real Money, Real World, and JET (Job Experience and Training).

**Participating Schools:** Schools in Montgomery County  
**Ohio State Contact:** 4-H Youth Development, OSU Extension, 937-278-2601, arnett.67@osu.edu, www.metro-parks.org/ac

### Ask-A-Buckeye Homework Hotline

A hotline for middle and high school students in central Ohio schools provides help in science and math homework as part of the College of Engineering link with the Columbus City Schools STEM Advisory Board. The help is free and available for one or multiple calls.

**Participating Schools:** Franklin County: Columbus City, Hilliard City, Worthington City.

**Ohio State Contact:** College of Engineering, 614-761-8346.  
 External Partner: Columbus City Schools STEM Advisory Board.

### Math and Science Club

The club aims to improve students' academic skills and increase their knowledge of math and science. Through monthly meetings, the club challenges students (grades 4-7 and 8-12) to develop critical thinking, problem solving, and comprehension and to understand mathematical principles and physical sciences while having fun. Activities are also designed to increase the awareness of students of color regarding career opportunities in math- and science-related careers.

**Participating Schools:** Schools in Franklin County.  
**Ohio State Contact:** OSU Medical Center, 614-293-5972, aaas.osu.edu/aaascec/programs/default. Ohio State Partners: College of Arts and Sciences, African American and African Studies Community Extension Center and Division of Natural and Mathematical Sciences; College of Medicine.

### SKY (Strengthening Knowledge in Youth)

SKY (Strengthening Knowledge in Youth) was an after-school program at Malinta-Grelton Elementary School held during the school year, October to May. Forty youth, grades 3 and 4, participated. This doubled the number of youth who participated in 2008-2009. Six teens served as mentors for these elementary youth, assisting them with homework and special activities. SKY Mentoring was initiated with the Napoleon Area Schools, focusing on grades 2-6 participants and high school youth serving as mentors. Forty-two elementary youth participated in 2009-2010. The program was conducted through a partnership with Henry County United Way and Henry County 4-H Endowment. There is no cost to the school nor participants for this program.

**Participating Schools:** Henry County: Napoleon Area City; Patrick Henry Local—Malinta-Grelton Elementary.

**Ohio State Contact:** Henry County, OSU Extension, 419-592-0806.

## AGRICULTURE, ENVIRONMENT, AND NATURAL RESOURCES

### Agriculture Reality Store 94

The Agriculture Reality Store 94 is an educational program designed to expose high school juniors to an experiential learning activity relating to agriculture. Students in Adams, Brown, and Highland counties participated. In Adams County, Ag Reality was offered to high school juniors enrolled in farm management classes. A total of 12 students at the Ohio Valley Career and Technical Center took part in that program's simulation, learning that farming is big business, with many difficult financial decisions.

**Participating Schools:** Adams County: Adams County/Ohio Valley Local: Ohio Valley Career and Technical Center. Schools in Brown and Highland counties.

**Ohio State Contact:** Brown County, OSU Extension, adams@postoffice.ag.ohio-state.edu. www.ohio4h.org/youth/index.html.

### Art and Environment

This 18-week interdisciplinary course introduced a group of high school students to issues of contemporary artistic practice, self-directed research, and the environment, emphasizing the need for critical, creative thinking in both art and science. The students worked with internationally renowned artists and Ohio State professors in the environmental sciences.

**Participating Schools:** Available to any districts/schools/youth. 2009-10 participants: Delaware County: Olentangy Local—Olentangy Liberty High. Franklin County: Columbus City—Brookhaven High, West High; Dublin City—Dublin Coffman High; Worthington City—Thomas Worthington High; Worthington Kilbourne High; Columbus School for Girls, Metro School. Greene County: Xenia Community City—Xenia High. Licking County: Southwest Licking Local—Watkins Memorial High. Union County: Marysville Exempted Village—Marysville High.

**Ohio State Contact:** Wexner Center for the Arts, 614-292-6493, edweb@wexarts.org, wexarts.org/learn.

## College Caravan/Northeast Ohio Council for Higher Education Partnership

In the fall of 2009, 4-H in Cuyahoga County used information and materials from the program as part of a partnership with the Northeast Ohio Council for Higher Education (NOCHE) to highlight opportunities related to green careers in conjunction with their fall College Caravan program. Program consisted of an educational display highlighting alternate forms of energy (solar, wind, geothermal) and models of energy systems using these principles. Students received a fact sheet highlighting range of career opportunities emerging with green careers and a word search puzzle to help familiarize them with key concepts and career possibilities. Visits to each school lasted approximately 60 to 90 minutes. Approximately 350 youth took part at the 10 sites. Information presented was regarded by NOCHE to be of significant value to participants. Program led to additional career programming conducted at two participating schools in second half of 2010 school year, which involved an additional 100 youth.

**Participating Schools:** Cuyahoga County: Cleveland Metropolitan—Carl F. Schuler High, Ginn Academy of Glenville High School, Garrett Morgan School of Science, Max Hayes Vocational High, James Ford Rhodes High, Jane Addams Business Careers Center, John F. Kennedy High, John Marshall High, Whitney Young High; Warrensville Heights City—Warrensville Heights High.  
**Ohio State Contact:** Cuyahoga County, OSU Extension, 216-429-8200. External Partner: Northeast Ohio Council for Higher Education.

## Farmer Youth Initiative

The Farmer Youth Initiative (FYI), a collaborative program of Hocking Soil and Water Conservation District, OSU Extension Hocking County, and others, taught youth the ethics of hunting, wildlife conservation, and communication skills as well as gun and food safety. All of those completing evaluations indicated they learned some or a lot of new information and plan to make recommended changes.

**Participating Schools:** Schools in Hocking County.  
**Ohio State Contact:** Hocking County, OSU Extension, hocking.osu.edu. External Partners: Hocking Soil and Water Conservation District.

## Gardening in the Classroom

Gardening in the Classroom offers a hands-on approach in which each classroom planted a different vegetable in containers and cared for them. They also received sessions on a variety of agricultural and gardening topics where other hands-on activities were completed.

**Participating Schools:** Wyandot County: USEVS Exempted Village—South Elementary.  
**Ohio State Contact:** Wyandot County, OSU Extension, 419-294-4931.

## Good Natured Garden Partners

The Good Natured Garden Partners program promotes and rewards vegetable gardening for youth in the urban areas of Mahoning County. The program is modeled after two traditional Extension programs, 4-H and the county fair. A group consisting of at least one adult leader and one child registers as a Growing Team and chooses a site for their garden. The registered teams receive their free plants at a kickoff luncheon. Extension sends growing information to the team throughout the season and holds a produce-judging competition in late summer.

**Participating Schools:** Schools in Mahoning County.  
**Ohio State Contact:** Mahoning County, OSU Extension, 330-533-5538.

## Gwynne Conservation Area Youth Programming

The Gwynne Conservation Area provides a conservation and natural resource land lab for schools in need of such a facility. Extension personnel, in cooperation with staff of the Molly Caren Agricultural Center, make the Gwynne available to schools and facilitate educational programming by cooperating with agencies such as the Ohio Department of Natural Resources. The School of Environmental and Natural Resources also develops conservation and natural resource education programming for youth during the 3-day Farm Science Review held in September each year. Specific programs and activities, such as stream ecology and management, soil science, forestry, and wildlife ecology, are offered to schools visiting the Gwynne. In the last 4 years, a total of 10,500+ youth have visited the Gwynne during the Farm Science Review. The Gwynne is used by local school districts as a lab for middle school and high school students to prepare for Envirothon competitions.

**Participating Schools:** Available to any districts/schools/youth.  
**Ohio State Contact:** School of Environmental and Natural Resources, College of Food, Agricultural, and Environmental Sciences, 614-292-3823, [senr.osu.edu/images/gwynne.pdf](http://senr.osu.edu/images/gwynne.pdf).

## Junior Master Gardener Programs

Spring and summer gardening programs are offered to youth in various settings, with lessons based on the Junior Master Gardener curricula and Ohio 4-H project books. The projects help youth learn about gardening, growing plants from seed, identifying plants/vegetables, and tasting vegetables that may be unfamiliar. The programs develop basic science and life skills.

**Clermont County**—Spring and summer gardening programs are offered to youth in various settings, with lessons based on the Junior Master Gardener curricula and Ohio 4-H project books. The projects help youth learn about gardening, growing plants from seed, identifying plants/vegetables, and tasting vegetables that may be unfamiliar. The programs develop basic science and life skills. This group engages youth in hands-on group and individual learning experiences that promote a love of gardening, an appreciation for the environment, and community service volunteering. The county Juvenile Detention Center along with a limited number of local schools/youth can be served. A small activity fee is collected to cover cost of consumable materials. Data is being collected and will be shared with partners.

**Franklin County Habitat Helpers**—Participants in the Junior Master Gardener program, conducted at Dublin's Chapman Elementary School from February through October, used the outdoor school habitat for lessons led by school staff and a Master

Gardener volunteer. Twenty-four students participated during the school year, and several continued to come to summer sessions. Youth learned about plants, growing vegetables, streams and pollution, and built a special Japanese meditation garden.

**Portage County**—Junior Master Gardeners was conducted at Carlin Elementary. Portage County Master Gardeners partnered with local agencies to offer the first annual Green Camp. OSU Extension 4-H, Portage County Soil and Water Conservation District, Portage County Solid Waste Recycling Center, Ohio Department of Natural Resources, Kent Environmental Council, and City of Ravenna Parks and Recreation provided leadership for 10 learning stations as part of a 1-day event at Chestnut Hills Park in Ravenna. Over 250 school-age youth participants learned that individual choices can have immediate and lasting impacts on the quality of natural resources, including water, soil, and air quality.

**Participating Schools:** Schools in Clermont County. Franklin County: Dublin City—Albert Chapman Elementary. Portage County: Ravenna City—Carlin Elementary.

**Ohio State Contact:** 4-H Youth Development, OSU Extension, [www.ohio4h.org/youth/index.html](http://www.ohio4h.org/youth/index.html).

### **Norman E. Borlaug International Symposium/ Global Youth Institute**

Nobel Laureate Norman Borlaug established a high school program for students to engage in global issues and to interact with world leaders in Des Moines, Iowa. The College of Food, Agricultural, and Environmental Sciences (CFAES) sponsors a selection process for Ohio students and their teacher mentors that includes an autumn visit to the Columbus campus with activities specifically coordinated with the annual World Food Prize (WFP) Symposium and Global Youth Institute. Students submit a 3,500-word research paper addressing an international theme. Every student delegate sent to Iowa is also eligible to apply for an 8-week all expenses paid international internship to a leading research institute. Student delegates from Ohio are also eligible for academic scholarships from CFAES.

**Participating Schools:** Available to all Ohio schools. 2009-10 participants: Brown County: Ripley-Union-Lewis-Huntington—Ripley Union Lewis Huntington Jr./Sr. High. Franklin County: Upper Arlington City—Upper Arlington High; independent—Metro School, Worthington Christian High. Hamilton County: Forest Hills Local—Turpin High. Hardin County: Ridgemont Local—Ridgemont High. Lorain County: Oberlin City—Oberlin High. Mercer County: Marion Local—Marion Local High. Union County: Marysville Exempted Village—Marysville High.

**Ohio State Contact:** Department of Animal Sciences, College of Food, Agricultural, and Environmental Sciences, 614-292-7135, [www.worldfoodprize.org/youth/states/ohio.htm](http://www.worldfoodprize.org/youth/states/ohio.htm). External Partner: World Food Prize Foundation.

### **OARDC Tours and Off-Site Visits**

For schools that cannot come to campus or want a tour customized to a specific curriculum at a specific time of year, OARDC's Public Relations office can arrange custom tours at no charge for K-12 groups and conduct off-site visits for groups with special needs, such as partial-day preschool and Head Start programs and centers serving special needs students. All OARDC departments are involved in the campus tours.

**Participating Schools:** Available only to certain districts/schools/youth (list districts/schools below), On-campus tours are available to all school groups; off-site visits are available only to schools whose schedule or finances do not permit them to come to campus.

**Ohio State Contact:** Ohio Agricultural Research and Development Center, College of Food, Agricultural, and Environmental Sciences, 330-202-3507, [tours-oardc@osu.edu](mailto:tours-oardc@osu.edu), [www.oardc.ohio-state.edu/visitor/pageview3.asp?id=1203](http://www.oardc.ohio-state.edu/visitor/pageview3.asp?id=1203).

### **Ohio Youth Leadership Summits on the Environment**

Youth summits are organized events for up to 20 high school students to discuss environmental issues, learn leadership skills, and develop an action plan to improve their neighborhood, community, or the environment. The summits are facilitated by a team of Ohio State University undergraduates. Several summits have been held in Columbus and Cleveland in 2008 and 2009, serving approximately 50 youth. Evaluations from participants have been highly favorable. Ongoing follow-up is underway to document impacts on participants as well as communities and the environment.

**Participating Schools:** Available only to certain districts/schools/youth (list districts/schools below), Interested schools or youth groups should contact Kristi Lekies. Project serves youth from various school districts in the Columbus and Cleveland areas; other communities can be considered for 2009-2010.

**Ohio State Contact:** Department of Human and Community Resource Development, College of Food, Agricultural, and Environmental Sciences, 614-688-3537.

### **OSU Student Farm**

A partnership of OSU Department of Horticulture and Crop Science (HCS) and Metro College Early High School, the student farm is an outdoor learning experience on how to plan, grow, and market fruits and vegetables with OSU students mentoring high school students. Metro has established the Metro Farmer's market where produce from the farm was sold on six consecutive Saturdays in the summer. Metro and OSU students can also take the HCS 213 or HCS 613 course spring quarter titled Sustainable Vegetable Production The project received support from an Excellence in Engagement grant from the Office of University Outreach and Engagement.

**Participating Schools:** Franklin County: Metro High School. Available to all districts in central Ohio through Metro's Growing America program.

**Ohio State Contact:** Horticulture and Crop Science, College of Food, Agricultural, and Environmental Sciences, 614-292-3858. External Partner: PAST Foundation.

## Outdoor Learning Centers

An 18-month Ohio Environmental Education Fund grant supports Outdoor Learning Centers in four Allen County schools. Each school has an OLC (Outdoor Learning Center) and a weather station. Data and statistics will be compared among the schools via the school website link.

**Participating Schools:** Allen County: Allen East Local, Lima City, Spencerville Local, Toledo Catholic Diocese.

**Ohio State Contact:** Outreach & Engagement, College of Education and Human Ecology, Ohio State Lima, 419-995-8437, lima.osu.edu/academics/Outreach/.

## Scarlet, Gray, and Green Fair

The third annual Scarlet, Gray, and Green Fair, held at the Ohio Agricultural Research and Development Center on Earth Day, featured the following activities for local schools: creative art competition; poster, 3-D display, skit, song, poem, or video competition; environmental stewardship essay competition (grades 11-12); wind turbine design competition (grades 9-12); most ecological yardscape award (7th- through 12th-graders and their parents); and Environmental Educator of the Year. The event was cosponsored by the Wayne County Sustainable Energy Network.

**Participating Schools:** Schools in Ashland, Medina, Summit, and Wayne counties.

**Ohio State Contact:** Agricultural Technical Institute, College of Food, Agricultural, and Environmental Sciences, www.wcsen.org/WCSGGF/index.html. Partners: Ohio Agricultural Research and Development Center, Wayne County Sustainable Energy Network.

## School Gardening Program

Three private schools in Cuyahoga County participate in onsite, applied learning experiences that blend basic science skills, nutrition education, and horticultural knowledge through school gardening projects facilitated by OSU Extension.

**Participating Schools:** Cuyahoga County: Cleveland Catholic Diocese—Urban Community Elementary, Cleveland Central Catholic High, St. Martin dePorres High.

**Ohio State Contact:** Cuyahoga County, OSU Extension, cuya@ag.osu.edu.

## Science of Agriculture Workshops

OARDC's Science of Agriculture workshops bring students from kindergarten to seniors in high school to the Wooster campus to participate in hands-on science and real-world experiments with OARDC researchers from such departments as plant pathology; horticulture and crop science; food, agricultural and biological engineering; food animal health, computing and statistical services.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Ohio Agricultural Research and Development Center, College of Food, Agricultural, and Environmental Sciences, 330-202-3507, tours-oardc@osu.edu, www.oardc.ohio-state.edu/visitor/pageview2.asp?id=1205.

## To the Garden We Grow

A horticulture-based nutrition education program, To the Garden We Grow is an expansion of Youth EFNEP and a multidisciplinary effort between the health and nutrition and community garden/horticulture program areas of OSU Extension. This interactive, 6-week series focuses on core nutrition topics that are applicable to horticulture, gardening and environmental concepts. As part of this program, youth participants are exposed to the following subject areas: building a healthy base using MyPyramid for Kids and composition of soil; germination; identification of plant parts; proper seeding of a plant (through this program, youth have the opportunity to grow their own vegetables); fruits and vegetables; whole grains; protein sources; worm composting; hydration; recycling; food safety/hand washing; and good bugs versus bad bugs in the garden. The curriculum is adaptable to a variety of age groups and settings, although access to a garden site is paramount to the success of the program. Each session also includes 15 minutes of group physical activity and 15 minutes of garden exploration. A taste test of a fresh fruit or vegetable is also part of every lesson.

**Participating Schools:** Schools in Cuyahoga County.

**Ohio State Contact:** Cuyahoga County, OSU Extension, cuya@ag.osu.edu.

## ARTS

### Annual High School Honor Band

This weekend event includes master classes by Ohio State brass, woodwind, and percussion faculty; performances by the Ohio State Wind Symphony and Symphonic Band; and a Saturday evening banquet.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** School of Music, Office of Band Organizations, College of Arts and Sciences, 614-292-5272, bands.osu.edu/Programs-other.html.

### Art and Environment

This 18-week interdisciplinary course introduced a group of high school students to issues of contemporary artistic practice, self-directed research, and the environment, emphasizing the need for critical, creative thinking in both art and science. The students worked with internationally renowned artists and Ohio State professors in the environmental sciences.

**Participating Schools:** Delaware County: Olentangy Local—Olentangy Liberty High. Franklin County: Columbus City—Brookhaven High, West High; Dublin City—Dublin Coffman High; Worthington City—Thomas Worthington High; Worthington Kilbourne High; Columbus School for Girls, Metro School. Greene County: Xenia Community City—Xenia High. Licking County: Southwest Licking Local—Watkins Memorial High. Union County: Marysville Exempted Village—Marysville High.

**Ohio State Contact:** Wexner Center for the Arts, 614-292-6493, edweb@wexarts.org, wexarts.org/learn.

## Central Ohio Flute Association Annual Competition

Students in grades 6 through young adults up to age 27 enter the Central Ohio Flute Association Competition to win cash prizes and the opportunity to perform in a master class with a guest artist at the annual flute festival. Information on upcoming competitions, which feature cash prizes with an age range expanded to 30, can be found at [cofa.osu.edu/competition.html](http://cofa.osu.edu/competition.html). \$30 application fee to enter the competition.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** School of Music, College of Arts and Sciences, 614-292-4618, [cofa.osu.edu/competition.html](http://cofa.osu.edu/competition.html).

## Central Ohio Flute Association Annual Flute Festival

Students from all over Ohio are invited to attend the Central Ohio Flute Association Annual Flute Festival each spring, which includes master classes, flute choir performances, three flute competitions, and exhibits. The 2010 festival featured flutist/composer Robert Dick; students from grade 6 through college competed for cash prizes in the annual competition.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** School of Music, College of Arts and Sciences, 614-292-4618, [cofa.osu.edu](http://cofa.osu.edu).

## Department of Theatre Building Tours

The Department of Theatre offers tours of campus facilities with basic information about productions and department programs.

**Participating Schools:** Available to any districts/schools/youth.

**Ohio State Contact:** Department of Theatre, College of Arts and Sciences, 614-292-7258, [theatre.osu.edu](http://theatre.osu.edu).

## Department of Theatre Central Ohio Schools Tour

Ohio State students perform a play on the Ohio State campus and in schools in the central Ohio area schools during winter quarter. A graduate assistant prepares a study guide for the teachers and students and leads a discussion after each performance. The 2009/2010 play was *A Song for Coretta* by Pearl Cleage. The play served as a springboard to discuss the Civil Rights Movement. The production was presented to approximately 2,500 K-12 students.

**Participating Schools:** Fairfield County: Pickerington Local—Pickerington North High. Franklin County: Columbus City—Clinton Middle, Johnson Park Middle, Linden-McKinley STEM Academy; Dublin City—Dublin Scioto High. Reynoldsburg City—Baldwin Road Junior High; Upper Arlington City—Upper Arlington High.

**Ohio State Contact:** Department of Theatre, College of Arts and Sciences, 614-292-7258, [theatre.osu.edu/tour](http://theatre.osu.edu/tour).

## Department of Theatre School Matinee and Preview Performances

The Department of Theatre offers matinee and preview performance at OSU that local area schools can attend. These are during the school day and give students the opportunity to see live theatre in a traditional setting (versus tours to schools). Teachers are asked to assess the performance both in terms of its artistic quality and in terms of its relation to current curriculum. Each year, the plays chosen for the season vary and determine whether they are appropriate for students to attend.

**Participating Schools:** Available to any districts/schools/youth.  
**Ohio State Contact:** Department of Theatre, College of Arts and Sciences, 614-292-7258, [theatre.osu.edu](http://theatre.osu.edu).

## Digital Animation: A Technology Mentoring Program for Young Women

Every June, faculty, staff, and graduate students in the Advanced Computing Center for the Arts and Design conduct a summer camp that teaches eighth- and ninth-grade girls how to create computer-generated animation. For 2 weeks, the select group of young women with artistic potential works with mentors from arts and technology fields at Ohio State using problem-solving skills and collaborative learning to create digital animation projects. The program is intended to showcase innovative technology and introduce participants to careers in the arts. In June 2009, 11 young women from Columbus area middle and high schools were mentored by three women graduate students, one undergraduate and the director of ACCAD. The topic was digital artists as proponents of social change through their art and animation. Projects focused on creating 3D animation with Maya on the topic of Ohio prairies, their history, value and preservation needs. Participants visited The Ohio State University's Marion Prairie Nature Center as a basis for understanding prairies.

**Participating Schools:** Available only to certain districts/schools/youth

**Ohio State Contact:** Advanced Computing Center for the Arts and Design, College of Arts and Sciences, 614-292-1053, [womenandtech@accad.ohio-state.edu](mailto:womenandtech@accad.ohio-state.edu), [accad.osu.edu/womenandtech/home.html](http://accad.osu.edu/womenandtech/home.html).

## Expanded Classroom

Expanded Classroom is a multidisciplinary learning program with several Ohio K-12 classrooms. Students visited the Wexner Center winter exhibitions, Children's International Film Festival, and/or the Children's International Performing Arts Series. They participated in interactive learning workshops with professional guest artists/educators.

**Participating Schools:** Franklin County: Columbus City—East Linden Elementary, Easthaven Elementary, Fair Alternative Elementary, Indianola Informal Alternative, Trevitt Elementary; Weinland Park Elementary, West Broad Elementary, Walnut Ridge High; Worthington City—Colonial Hills Elementary; MOSAIC Program.

**Ohio State Contact:** Wexner Center for the Arts, 614-292-6493, [edweb@wexarts.org](mailto:edweb@wexarts.org), [wexarts.org/learn](http://wexarts.org/learn).

## Flute Workshop for High School Students

The flute workshop consisted of 5 days of clinics, workshops, private lessons, eurhythmics, theory, solo night, flute trios, quartets, and flute choir for high school students. Graduating 8th grade through graduating 12th graders are eligible. Cost for this residential program is all inclusive \$395.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** School of Music, College of Arts and Sciences, 614-292-4618, [music.osu.edu/node/122](http://music.osu.edu/node/122).

## International Performing Arts Series for Children

School groups visited the Wexner Center to see free school-day performances of the following shows: Baobab (Theatre Motus, Canada; coproduced with SO Company, Mali) and The Tragical Life of Cheeseboy (Adelaide, Australia)., No

**Participating Schools:** Franklin County: Columbus City—Dana Avenue Elementary, Deshler Elementary, Dominion Elementary, Trevitt Elementary, East Linden Elementary, Easthaven Elementary, Fair Alternative Elementary, Fairwood Alternative Elementary, Indianola Informal K-8, Livingston Elementary, Weinland Park Elementary, West Mound Elementary, Windsor STEM Academy Columbus Downtown High; independent: Columbus School for Girls.  
**Ohio State Contact:** Wexner Center for the Arts, 614-292-6493, edweb@wexarts.org, wexarts.org/learn.

## Pages: An Art and Writing Program

Pages is a multiversity program that combined visual arts, film/video, and performing arts with writing and literature. The program offers high school students dynamic and challenging experiences in the arts while providing multiple opportunities for each student to document and respond to experiences in a variety of written texts, from research papers to poetry. In the interdisciplinary learning environment of Pages, students discuss, express, and document their observations, thoughts, and opinions on the diverse contemporary art they encounter at the Wexner Center., No

**Participating Schools:** Franklin County: Columbus Catholic Diocese—St. Charles Preparatory High; Columbus City—Beechcroft High, Brookhaven High; Upper Arlington City—Upper Arlington High; independent—Charles School, Graham School.  
**Ohio State Contact:** Wexner Center for the Arts, 614-292-6493, edweb@wexarts.org, wexarts.org/learn.

## School of Music Celebration Concert

On December 5, 2008, students from elementary, middle, and high schools in Franklin County attended the morning performance of the popular School of Music Celebration Concert. Students were exposed to proper concert etiquette and learned about families of instruments and the pieces performed in the concert

**Participating Schools:** Schools in Franklin County.  
**Ohio State Contact:** School of Music, College of Arts and Sciences, 614-292-9926.

## Summer Jazz Camp for High School Musicians

This 5-day camp offers students in grades 9-12 an in-depth study and immersion in jazz, all in a fun-filled environment. Camp highlights include combo and big band performances, listening sessions, master classes on each instrument, jazz history classes, jazz improvisation classes, arranging and composition, a closing concert, and career exploration. Classes are taught by regular Ohio State faculty.

**Participating Schools:** Available to all districts/schools/youth in Ohio.  
**Ohio State Contact:** School of Music, College of Arts and Sciences, 614-292-4657, music.osu.edu/node/123.



## Urban Arts Space K-12 School Engagement

The OSU Urban Arts Space offers free tours and educational programming for K-12 students. K-12 School Tours are interactive, in-depth, tied in to the Ohio Academic Content Standards, and can include guided art making, writing exercises, and other interdisciplinary activities. Teachers receive preparatory educational materials to help make connections with their curriculum prior to the gallery visit. UAS has K-12 learning partnerships with various private and public academic institutions. These partnerships produce interdisciplinary projects and educational experiences as well as opportunities for community engagement. Over the course of multiple visits, students tour the gallery, participate in a hands-on activity, and practice critical analysis of artworks. In 2009-10 UAS deepened relationships with Columbus School for Girls and Calumet Christian School; offered a Tactile Color Workshop for Ohio School for the Blind students; began an arts exchange program for East High School visual and performing arts students; and hosted a workshop on theatre set design and production for area high school students and educators. Two high school interns created and organized a juried exhibition of works by high school artists, giving them the opportunity to showcase their artwork in a professional gallery setting.

**Participating Schools:** Franklin County: Columbus City—East High; Calumet Christian Elementary; Columbus School for Girls; Ohio School for the Blind.

**Ohio State Contact:** Urban Arts Space, College of Arts and Sciences, 614-292-8861, uaseducation@osu.edu, uas.osu.edu/programs/education.

## Wexner Center Architecture Tours

School groups took interactive architecture tours of the Wexner Center building and gallery space. Students were introduced to concepts of space, geometry, and the history of the building and its importance to the Ohio State campus.

**Participating Schools:** Delaware County: Olentangy Local—Olentangy High. Franklin County: Columbus City—Briggs High, CCS Gifted Program; Westerville City.  
**Ohio State Contact:** Wexner Center for the Arts, 614-292-6493, edweb@wexarts.org, wexarts.org/learn.



Photo by Jodi Miller, courtesy of Communication & Technology, College of Food, Agricultural, and Environmental Sciences.

## WorldView

Every thinking mind needs a worldview. This program builds on the cross-cultural understandings, perspectives, and influences of many different types of contemporary artists. Each year, the Wexner Center offers an experience with an artist making work within a unique, culturally comprehensive context. Featured artists' works may be interwoven with cultural, political, social, and economic influences.

**Participating Schools:** Clark County: Springfield City—Springfield High. Franklin County: Columbus City—Beechcroft High, Columbus Alternative High, Walnut Ridge High; Upper Arlington City—Upper Arlington High.  
**Ohio State Contact:** Wexner Center for the Arts, 614-292-6493, edweb@wexarts.org, wexarts.org/learn.

## Zoom: International Family Film Festival

During the Wexner Center's annual International Film Festival, elementary and middle schools students have the opportunity to view selections from the festival

at special school screenings, introducing them to critically acclaimed films from around the globe. Past years' programs have included films from Iran, Spain, Germany, and Brazil. The films draw from the best in contemporary and classic cinema to represent a vast spectrum of world views and experiences.

**Participating Schools:** Delaware County: Village Academy. Franklin County: Columbus City—Easthaven Elementary, Indianola Informal Elementary, Fort Hayes High, Northland High; Hilliard City—Avery Elementary, Hilliard Davidson High; South-Western City—Central Crossing High; Westerville City—Hanby Arts Magnet Elementary; independent/charter: W.C. Cupe Preparatory, Wellington School. Knox County: Centerburg Local—Centerburg Middle. Madison County: London City. Home schools and community-based programs.

**Ohio State Contact:** Wexner Center for the Arts, 614-292-6493, edweb@wexarts.org, wexarts.org/learn.

## ATHLETICS

### Athletic Training Workshops

Winter and spring workshops for high school students are intended to teach basic athletic training skills and highlight other areas of sports injury prevention such as strengthening and nutrition. The workshop will include both lectures and case study presentations. Lab sessions will be used to complement the lectures and allow participants to practice taping, splinting, and bracing. Individuals pay fees to attend the athletic training workshops.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Department of Athletics, 614-247-7678. [www.ohiostatebuckeyes.com/ViewArticle.dbml?DB\\_OEM\\_ID=17300&KEY=&ATCLID=925357](http://www.ohiostatebuckeyes.com/ViewArticle.dbml?DB_OEM_ID=17300&KEY=&ATCLID=925357)

## Wexner Center Exhibitions Tours

School and community groups took tours of the Wexner Center and the following exhibitions: Catch Air: Robin Rhode; COOP HIMMELB(L)AU: Beyond the Blue; William Forsythe: Transfigurations; Luc Tuymans; Susan Philips: The Shortest Shadow; Harry Shearer: The Silent Echo Chamber; Alyson Shotz: Standing Wave; Hard Targets; Cyprien Gaillard: Disquieting Landscapes; Mark Bradford; Zoe Strass: Works for Columbus, OH.

**Participating Schools:** Cuyahoga County: Brightside Academy. Franklin County: Columbus Catholic Diocese—St. Mary's Elementary, Bishop Watterson High, Saint Frances DeSales High; Columbus City—Dominion Middle, Briggs High, Brookhaven High, West High; Dublin City—Dublin Coffman High; Gahanna-Jefferson City—Gahanna Lincoln High; Worthington City—Phoenix Middle, Worthingway Middle; independent/charter: Graham School, Jelly Bean Junction Learning Center, La Petite Academy, Metro School, MOSAIC Program, Wellington School.

**Ohio State Contact:** Wexner Center for the Arts, 614-292-6493, edweb@wexarts.org, wexarts.org/learn.

## Wexner Center for the Arts Summer Youth Workshops

Weeklong (Monday-Friday), half-day workshops are offered for ages 6-14. Teen Arts Fusion workshops are for ages 15-18. Each course is developed especially for its age group and taught by practicing artist/educators (including M.F.A./Ph.D. grads and candidates in art, art education, art history, dance, theater, and architecture). Many classes emphasize cutting-edge technology or innovative interdisciplinary approaches.

**Participating Schools:** Available to any districts/schools/youth, **Ohio State Contact:** Wexner Center for the Arts, 614-292-6493, edweb@wexarts.org, [www.wexarts.org/learn/for\\_families/index.php?eventid=3805](http://www.wexarts.org/learn/for_families/index.php?eventid=3805).

## Learning in Fitness and Education through Sports (LiFE Sports)

Learning in Fitness and Education through Sports (LiFE Sports) is designed to foster social competence among youth through their involvement in sport, fitness, and educational activities. This youth development initiative is built upon a historical community outreach program operating at Ohio State (National Youth Sport Program). The program serves approximately 600 predominately urban and underserved youth from the greater Columbus area during a 4-week summer day camp. Campers participate in a variety of sport and education activities throughout each day, which are infused with curriculum targeting the development and enhancement of social competence (i.e., self-control, effort, teamwork, and social responsibility). Campers have the opportunity for daily interaction with Ohio State students, student-athletes, and teachers from the community; transportation to and from camp; and breakfast and lunch. Sports clinics are also provided to youth six times throughout the academic year at Boys and Girls Club of Columbus sites and the Ohio State University campus. The LiFE Sports team also partners with Undergraduate Admissions and First Year Experience, the P-12 Project and Economic Access Initiative to provide participants with college access and career exploration activities. The LiFE Sports program is supported in part by an Excellence in Engagement grant from the Office of University Outreach and Engagement.

**Participating Schools:** Youth in Franklin County.

**Ohio State Contact:** College of Social Work, 614-292-6934, [www.osulifesports.org](http://www.osulifesports.org). Ohio State Partners: Department of Athletics, P-12 Project, Office of Academic Affairs; School of Physical Activities and Educational Services, College of Education and Human Ecology; Office of Undergraduate Admissions and First Year Experience, Economic Access Initiative, Office of Academic Affairs; Department of Recreational Sports, Office of Student Life. External Partners: Boys and Girls Club of Columbus.

## CAREER EXPLORATION AND DEVELOPMENT

### 4-H Career Quest

Three to four session series of instructional sessions dealing with formulating a career action plan, securing career planning information, and understanding dynamics of job search and workforce expectations. At John Adams High School, 63% of 73 students stated a career goal and 59% listed one or more steps they could take to move closer to that goal during 2010-11 school year. At the Cuyahoga County Juvenile Court Detention Center, 10 of the 28 participants completed the series during their time of residence at the facility.

**Participating Schools:** Cuyahoga County: Cleveland Metropolitan—John Adams High. Cuyahoga County OSU Extension, [cuya@ag.osu.edu](mailto:cuya@ag.osu.edu).

## Accounting Careers Awareness Program (ACAP-Ohio)

Accounting Careers Awareness Program (ACAP) is a week-long summer enrichment program with two goals: (1) to encourage Ohio minority high school students to acquire the educational background they need to major in accounting or business in college and (2) to promote the awareness of careers in business, accounting, and as a CPA through the participation and volunteer time of minority role models. Students who participate in ACAP-Ohio gain real-world experiences during informative workshops, interactive discussions, facility tours, and one-on-one mentoring sessions with minority accounting and business professionals. In addition, participants have the opportunity to compete for college scholarships. 40-45 high school students from throughout the state of Ohio attend the program annually. ACAP is sponsored by the Ohio Society of CPAs; The Ohio State University Fisher College of Business Office of Minority Student Services; the Ohio CPA Foundation; and the National Association of Black Accountants (Ohio Chapters).

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Controller's Office, Fisher College of Business, 614-292-6220, [www.ohioscpa.com/Content/Involvement/Students.aspx](http://www.ohioscpa.com/Content/Involvement/Students.aspx). External Partners: Ohio Society of CPAs, Ohio CPA Foundation, National Association of Black Accountants.

### Airport Job Shadow

The staff of The Ohio State University Airport works closely with youth to provide them with a 1-day, up-close experience with various careers in aviation. Areas of interest include airport management, airport operations, flight training, and air traffic control.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

Ohio State University Airport, College of Engineering, 614-247-4366, [www.osuairport.org/Education/Shadow/](http://www.osuairport.org/Education/Shadow/).

### Aviation Career Exploration

The Ohio State University Airport staff and its partners provide students with an in-depth, customized shadow and career exploration program. Student with an interest in aviation as a career can work at the University Airport and other local aviation-related businesses. A free introductory flight is included, if desired. Each experience runs 6-10 weeks.

**Participating Schools:** Available to any districts/schools/youth. Teacher approval is required. Ohio State University Airport, College of Engineering, 614-247-4366, [www.osuairport.org/Education/Shadow/](http://www.osuairport.org/Education/Shadow/).

## Aviation Explorers

The Ohio State University Department of Aviation sponsors the only central Ohio Explorer post dedicated to aviation. This organization exposes youth to a variety of programs that offer hands-on career activities. For young men and women who are interested in careers in the field of aviation, exploring offers experimental learning with lots of fun-filled, hands-on activities that promote the growth and development of adolescent youth. Aviation Explorer posts also help youths to attain their Career Achievement Award.

**Participating Schools:** Available to any districts/schools/youth. Ohio State University Airport, Department of Aviation, College of Engineering, 614-247-4366, [www.osuairport.org/Education/Explorer/](http://www.osuairport.org/Education/Explorer/). External Partner: Boy Scouts of America Exploring.

## Aviation Speakers

Department of Aviation faculty, staff students and aviation professionals can customize an interactive presentation on aviation. Topics can include aerodynamics, aviation careers, flight training or the airline industry. Tours and demonstrations can be provided upon request.

**Participating Schools:** Available to any districts/schools/youth. Available to all districts/schools/youth in Ohio. Ohio State University Airport; Department of Aviation, College of Engineering, 614-247-4366, [www.osuairport.org/Education/](http://www.osuairport.org/Education/).

## Career Paths for the Teaching Professions

Ohio State Mansfield has agreements with the three vocational schools that have the Ohio Department of Education Career Paths Program. Faculty members from the education department visit students at their school-site placements, attend their final presentations, and grade their final portfolios. The university awards these students 6 hours of college credit for completing their high school program.

**Participating Schools:** Ashland County: Ashland-West Holmes Career Center; Knox County: Knox County Career Center; Richland County: Pioneer Career and Technology Center. Education Department, College of Education and Human Ecology, Ohio State Mansfield, 419-755-4720.

## Center for Clinical and Translational Science Summer Research Experience Program

The Ohio State University Center for Clinical and Translational Science (OSU CCTS) Summer Research Experience Program (SREP) matches high school students and teachers with researchers across campus to give participants the opportunity to gain knowledge and skills to help them in future classes, internships, and career decisions. The SREP targets students who are traditionally underrepresented in scientific research from specific high schools with biomedical science curricula. SREP participants functioned as active and contributing research team members, conducting research-related activities that were appropriate for their age and level of experience. The program is funded by a 2-year grant from the National Institutes of Health as part of the American Recovery and Reinvestment Act of 2009. Participants were paid for their experience and participated in enrichment workshops on topics such as study habits, resume writing, and college searches. At the end of the program, participants presented their research activities and what they learned during the program at a professional research poster session.

**Participating Schools:** Franklin County: Columbus City—Eastmoor Academy; Metro School.

**Ohio State Contact:** Center for Clinical and Translational Science: College of Medicine, College of Nursing, College of Pharmacy, College of Optometry, College of Public Health, College of Veterinary Medicine, College of Engineering, College of Dentistry; [ccts-education@osumc.edu](mailto:ccts-education@osumc.edu), [ccts.osu.edu/](http://ccts.osu.edu/).

## Change the World: WiE Are the Future

The Ohio State Women in Engineering Program's 2009 Change the World: WiE Are the Future event was held at the university's Columbus campus on November 13. This event gave 55 female students in the 12th grade the opportunity to spend half the day exploring engineering and the different engineering departments within the Ohio State University. All participants took part in a speed-dating activity which allowed them to meet 2-3 representatives from each department in a short period of time. Representatives from 12 departments were given 8 minutes to answer questions and "sell" their department. In addition, the 12th-grade participants attended a session on the College of Engineering's First Year Program at Ohio State, the application process, and engaged in a panel discussion with current female undergraduate engineering students.

**Participating Schools:** Only a limited number of districts/schools/youth can be served.

**Ohio State Contact:** Women in Engineering, College of Engineering, 614-688-3118, [wie@osu.edu](mailto:wie@osu.edu), [wie.osu.edu/content/change-world-wie-are-future](http://wie.osu.edu/content/change-world-wie-are-future). Ohio State Partners: Aerospace Engineering; Aviation; Biomedical Engineering; Chemical Engineering; Civil and Environmental Engineering and Geodetic Sciences; Computer Science and Engineering; Electrical and Computer Engineering; Engineering Physics, Food, Agriculture, and Biological Engineering; Industrial and Systems Engineering; Mechanical Engineering; Materials Science and Engineering; First Year Program Engineering Program; Undergraduate Admissions.

## Columbus Teaching Academy

The Columbus Teaching Academy is a 1-year program designed specifically for high school seniors considering a career in education. Students are assigned internships in upper elementary, middle school, and/or special education classes, enabling them to work with various age levels and subject areas. Afternoon classes are held at The Ohio State University, providing a rich opportunity for students to enjoy the college setting, interact with college professors, and learn from current university students. Students who receive a grade of B or above for the year-long will receive college credit for 4 hours of credit of EDU PAES 289.01, First Education Experience Program and for 2 hours of ASC 338.02, Professional Pathways in Urban Education. Columbus Teaching Academy is a joint project of Columbus City Schools and The Ohio State University. Each partner contributes in-kind or cash funds to the partnership.

**Participating Schools:** Franklin County: Columbus City high schools

**Ohio State Contact:** Office of Academic Affairs, 614-444-6134, [asccommunitypartnerships.osu.edu/TeachingAcademy.cfm](http://asccommunitypartnerships.osu.edu/TeachingAcademy.cfm). Ohio State Partners: College of Education and Human Ecology, Economic Access Initiative (Office of Academic Affairs). External Partners: Columbus City Schools, Ohio Department of Education.

## Dental Prep Institute

The College of Dentistry offers a 5-week Dental Prep Institute that is structured to expose students to clinical aspects of dentistry. The program is designed to attract students from local area high schools, particularly those from health career academies. It was created to help students explore their interest in health careers, particularly dentistry, at an early age so that they may be well prepared to achieve their future career goals. Students are exposed to multiple aspects of dentistry including infection control procedures, equipment identification, instrument transfer, moisture control, radiology, patient charting, and tray set-up. They have the opportunity to mix amalgam and to assist dental students with restorative procedures. Even though dentistry and the various specialties are the primary focus, the institute fosters an understanding of and interest in dental practice on all levels including dental assisting, hygiene, technology, research, and academia. Each week the students spend one full day in the offices of minority dentists. The students are most enthusiastic about these experiences and in many instances doors of opportunity for employment are opened and mentoring relationships are initiated.

**Participating Schools:** Available to all Columbus city and Columbus area suburban school districts.

**Ohio State Contact:** Admissions, College of Dentistry, 614-292-1891, OHIOproject.org.

## East High School Health Academy

The Medical Center and partners organize field trips for juniors and seniors and host breakfasts for high school students who have excelled in the health sciences.

**Participating Schools:** Franklin County: Columbus City—East High.

**Ohio State Contact:** OSU Medical Center, 614-293-5972. Ohio State Partners: College of Medicine; College of Humanities, African American and African Studies Community Extension Center; College of Mathematical and Physical Sciences.

Photo courtesy of College of Dentistry.



## Forensics in the Classroom

Forensics in the Classroom is a 1-week bridge program for middle and early high school students to learn basic math and science skills in an interactive environment through the lens of forensics. The program focus includes basic crime scene management, crime scene photography and mapping, forensic anthropology, blood spatter analysis, evidence collection, fingerprint analysis, ballistics/weapons/firearms evidence tying all of these elements together with a discussion of its application to the legal system.

**Participating Schools:** Available to any districts/schools/youth. 2009-10: Franklin County: Columbus City—Arts IMPACT Middle; Worthington City.

**Ohio State Contact:** Department of Anthropology, College of Arts and Sciences, 614-743-0378, [www.pastfoundation.org/current-programs/forensics-in-the-classroom/](http://www.pastfoundation.org/current-programs/forensics-in-the-classroom/). External Partners: PAST Foundation, I Know I Can.

## Health Sciences Career Fair

Led by the Outreach and Engagement Office in the College of Medicine, the Health Sciences Outreach Committee the Health Sciences Outreach Committee collaborated to host 120 high school students from the Columbus area for a career exploration program at the Biomedical Research Tower. Through hands-on sessions, the event provided a glimpse of the work of optometrists, dentists, veterinarians, and others in the health sciences. Students and faculty chaperones rotated through several sessions throughout the day. Each OSU college/school had an information table with handouts and medically related giveaway items.

**Participating Schools:** Franklin County: Columbus City—Eastmoor Academy, Fort Hayes Career Center, Northland High.

**Ohio State Contact:** Outreach and Engagement, College of Medicine, 614-292-2508. Ohio State Partners: College of Dentistry, College of Nursing, College of Optometry, College of Pharmacy, College of Public Health, College of Veterinary Medicine, School of Allied Medical Professions.

## Improving Diversity in Optometry Camp (I-DOC)

An intensive 3-day program for eligible underrepresented juniors and seniors in Columbus-area high schools, the camp helps students explore optometric careers through hands-on experiences and aims at increasing the number of African American, Hispanic/Latino, and Native American optometrists. Camp scholars spend time learning about careers in optometry, the need for diverse optometrists, and requirements for becoming an optometrist.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** College of Optometry, 614-292-0084, [optometry.osu.edu/IDOC/index.cfm?select=about](http://optometry.osu.edu/IDOC/index.cfm?select=about).

## John Glenn School of Public Affairs High School Internship Program

The John Glenn School of Public Affairs High School Internship Program is a unique public service internship program that allows high school students in the Winter quarter of their senior year to gain first-hand experience within organizations in the public service sector. Students also participate in an academic seminar at The Ohio State University that reinforces their internship experience. Internship placement locations have included the Statehouse, the Governor's office, the courts, state agencies, nonprofit organizations, and the media..

**Participating Schools:** Schools in Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union counties.

**Ohio State Contact:** John Glenn School of Public Affairs, 614-247-2512, [highschool@jgippm.ohio-state.edu](mailto:highschool@jgippm.ohio-state.edu), [glennschool.osu.edu/programs/hsip/](http://glennschool.osu.edu/programs/hsip/).

## MD Camp

MD Camp is a 3-week, nonresidential camp for high school juniors and seniors who are disadvantaged or underrepresented in the field of medicine (African American, Latino, or Native American). To give participants a sample of the rigors of medical school and a taste of medical careers, Ohio State College of Medicine faculty and students serve as mentors and provide instruction in gross anatomy, physiology, pathology, medical specialties, and current health issues. Participants receive training in conducting research, including lab experiences, and learn about special concerns in treating medically underserved populations.. Participants also attend workshops at the college's Clinical Skills Education and Assessment Center, where they participate in hands-on activities in areas such as CPR and first aid. Numerous camp graduates are enrolled in premedical college programs, with the ultimate goal of attending medical school. 650 per student; scholarships are available.

**Participating Schools:** Schools in Franklin County.

**Ohio State Contact:** Office for Diversity and Cultural Affairs, College of Medicine, 614-688-8489, [medicine.osu.edu/students/diversity/programs/md\\_camp/pages/index.aspx](http://medicine.osu.edu/students/diversity/programs/md_camp/pages/index.aspx).

## Multi-Handicap Program Upper Arlington

High school students spend time as volunteers within the Ohio State University Medical Center. The experience helps students make successful transitions into the working world.

**Participating Schools:** Franklin County: Upper Arlington City—Upper Arlington High

**Ohio State Contact:** Volunteer Services, OSU Medical Center, 614-293-6294.

## My Cool Job

Mycooljob.org is a website designed for middle schoolers and early high school students. It gives them a taste of four major in-demand career fields: Engineering, Information Technology, Arts and Communication, and Health Sciences. Interviews and photos of professionals in these careers are paired with videos and interactive blogs. The project was funded by a grant through E-Tech, and the Columbus Dispatch contributes free job-related content from its pages.

**Participating Schools:** Available to any districts/schools/youth.

**Ohio State Contact:** WOSU Public Media, Office of University Communications, 614-292-9678 ext 4-0884, [mycooljob.org/](http://mycooljob.org/).

## National Groundhog Job Shadow Day

The National Groundhog Job Shadow Day exposes youth to workplaces, giving them fresh motivation and tangible reasons to excel in school and aspire to productive careers. The Office of Student Life NGJSD program facilitates career matches, linking Columbus City Schools students with Student Life associate vice presidents and departmental directors. Ohio State University Medical Center participates in this national event in order to increase students' awareness of career opportunities in health care. This program is an academically motivating activity designed to give students the unique opportunity of an up-close look at the world of work and provide the answer to the commonly asked question, Why do I have to learn this?

**Participating Schools:** Franklin County: Columbus City

**Ohio State Contact:** OSU Medical Center, 614-293-8357. Ohio State Partner: Office of Student Life.

## Ohio State University Health Sciences Exploring Post

In this Post, a group of diverse high school juniors and seniors learn about health science careers through interactions with faculty, staff, and students in the Colleges of Nursing, Optometry, Pharmacy, and Public Health, and the School of Allied Medical Professions. Meeting monthly at The Ohio State University, student participants gain hands-on experience, learn about cutting-edge research within the profession, and acquire ways to prepare for a future career in the healthcare industry.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Student Affairs, College of Nursing, 614-292-6668, [www.scouters.org/exploring/index.htm](http://www.scouters.org/exploring/index.htm). Ohio State Partners: College of Pharmacy; College of Optometry; College of Public Health; College of Medicine, School of Allied Medical Professions. External Partner: Learning for Life.

## Ohio's STEM Ability Alliance: Degrees and Careers for Ohioans with Disabilities

Ohio State University, in partnership with Columbus State Community College, is leading a 5-year program to recruit Ohio students with disabilities to enter the STEM (science, technology, engineering and mathematics) fields. Ohio's STEM Ability Alliance is made possible by a \$3 million National Science Foundation grant, with the goals of recruiting, retaining, and graduating students with disabilities in STEM degree programs at Ohio State and Columbus State in Columbus and Wright State and Sinclair Community College in Dayton. The initiative is creating networks between universities, public schools, industries and government to increase the number and quality of students with disabilities pursuing STEM degrees and careers. High school and college students with disabilities receive stipends to participate in Student Learning Communities and mentoring activities.

**Participating Schools:** Franklin County: Columbus City—Linden-McKinley High; independent—Metro School; Ohio State School for the Blind.

**Ohio State Contact:** Nisonger Center, Office of Health Sciences, 614-292-9218, [nisonger.osu.edu/osaa/](http://nisonger.osu.edu/osaa/). Ohio State Partners: College of Engineering; College of Arts and Sciences; University Center for the Advancement of Teaching, Office of Academic Affairs. External Partners: Columbus State Community College, Wright State University, Sinclair Community College, Wright Patterson Air Force Base.

## Operation Brightside T.E.E.N. (Teenage Education and Employment Now)

Since 1983 the Columbus Urban League has offered Operation Brightside T.E.E.N. (OBT). This 6-week internship program is designed to identify, support, encourage, and influence African-American youth through traditional and nontraditional methods of positive reinforcement. The mission of OBT is to provide meaningful subsidized summer internships for Franklin County high school students in order to enhance social and academic development, and provide an opportunity for career exploration. Eligible applicants must be a 10th-, 11th-, or 12th-grade Franklin County resident aged 15-17 at time of application; show proof of 2.0 GPA; and be available to participate in the entire 6-week program (including closing recognition). The Fisher College of Business Office of Minority Student Services has sponsored a high school student intern from OBT every year since 1999.

**Participating Schools:** Public school districts in Franklin County.  
**Ohio State Contact:** Office of Minority Student Services, Fisher College of Business, 614-292-1017.

## Organization of Black Aviation Professionals Aviation Career Education (ACE) Camp

A collaborative program between The Ohio State University Airport and the Organization of Black Airline Pilots (OBAP) allows youth to experience through a first-hand introduction to flight. Free plane rides included.

**Participating Schools:** Available to any districts/schools/youth.  
**Ohio State Contact:** Ohio State University Airport, College of Engineering, 614-247-4366, [www.obap.org/programs](http://www.obap.org/programs).

## Partners in Education

The Ohio State University Medical Center (OSUMC) and Columbus City Schools collaborate in this program intended to increase students' awareness of career opportunities in health care and increase awareness of OSUMC among academically gifted students. OSUMC provides field trips, speakers, shadowing, mentoring, speakers, and honors breakfasts.

**Participating Schools:** Franklin County: Columbus City  
**Ohio State Contact:** OSU Medical Center, 614-293-8357.

## Refugee College and Career Readiness Program

Refugee youth participate in after-school tutoring programs and work with a mentor to explore careers and educational opportunities and create a plan to achieve their goals. Field trips to postsecondary educational and training institutions are also provided.

**Participating Schools:** Cuyahoga County: Cleveland Metropolitan—Joseph M. Gallagher Elementary, Lincoln-West High, Thomas Jefferson Elementary.  
**Ohio State Contact:** Cuyahoga County, OSU Extension, [cuya@ag.osu.edu](mailto:cuya@ag.osu.edu).

## Summer Institute for Diversity in Nursing

The Summer Nursing Institute is an interactive program that enables sophomores and juniors in high school to explore nursing careers and aims to increase the number of African American, Native American, Asian, Hispanic, and male nursing students. Because these groups are underrepresented in both the student population and the nursing profession, the College of Nursing is actively seeking to increase its enrollment. Participants complete skills labs and roundtable discussions with faculty and students, interact with state-of-the-art lifelike computerized mannequins, and learn about the many career opportunities for nurses. All participants are equipped with scrubs, stethoscopes, blood pressure cuffs, and OSU gear.

**Participating Schools:** Only a limited number of districts/schools/youth can be served.

**Ohio State Contact:** College of Nursing, 614-292-6668, [nursing.osu.edu/Display.aspx?code=116](http://nursing.osu.edu/Display.aspx?code=116).

## Teaching Professions Academy

The Teaching Professions Academy is offered through Tri-Rivers Career Center in partnership with Ohio State Marion to introduce students to careers in the field of education. The academy provides insight into the teaching profession by allowing students an opportunity for an extended classroom internship with cooperating teachers. As students gain experience in classroom settings, they compile a portfolio and/or project reflecting their overall internship and seminar participation. This is a half-day program that counts as a 3-hour high school credit. Academic classes are at the associate school and the seminar days are housed at Ohio State Marion. Students have access to the library and computer labs and get a view of campus life.

**Participating Schools:** Marion County: Elgin Local, Marion City, Pleasant Local, Ridgedale Local, River Valley Local. Morrow County: Cardington-Lincoln Local, Highland Local, Mount Gilead Exempted Village. Union County: North Union Local.

**Ohio State Contact:** School of Teaching and Learning, College of Education and Human Ecology, Ohio State Marion, 740-725-6342, [tririvers.com/career-center-high-school/career-programs/teaching-professions-academy](http://tririvers.com/career-center-high-school/career-programs/teaching-professions-academy).

## Veterinary Explorers Post

The College of Veterinary Medicine hosts a Veterinary Explorers Post. The program is designed to introduce local high school students interested in veterinary medicine to veterinary students. The high school students receive guidance and information on veterinary school and the veterinary profession. Exploring is a national career education program that provides hands-on activities for high school students at a worksite typically after the school day.

**Participating Schools:** Available only to certain districts/schools/youth (list districts/schools below)

**Ohio State Contact:** Department of Veterinary Biosciences, College of Veterinary Medicine, 614-292-4489, [vet.osu.edu/education/community-involvement](http://vet.osu.edu/education/community-involvement).

## WiE DREAM (Discover Engineering And More)

The Ohio State Women in Engineering Program's 2010 WiE Dream took place at the university's Columbus campus on Saturday, February 27, 2010. Approximately 100 girls in grades 9-12 attended the event, which introduced participants to the many ways that engineers transform dreams into reality, enabling all of us to live longer, greener, healthier, and more exciting lives. In addition to meeting with current OSU female engineering students, participants also explored the important contributions that engineers are making right now in fields such as medicine, energy, technology, transportation, communications, and sustainability. Over the course of the event, participants engaged in a series of interactive demonstrations and fun, hands-on activities. A total of 31 female undergraduate and graduate engineering students enrolled in the Ohio State College of Engineering volunteered for the 2010 event. Volunteers helped with registration, led hands-on activities, served as panelists, chaperoned groups of participants, and so on.

**Participating Schools:** Only a limited number of districts/schools/youth can be served

**Ohio State Contact:** Women in Engineering, College of Engineering, 614-688-3118, [wie@osu.edu](mailto:wie@osu.edu), [wie.osu.edu/content/wie-dream](http://wie.osu.edu/content/wie-dream). Ohio State Partners: Materials Science and Engineering, Biomedical Engineering, Chemical and Biomolecular Engineering, Mechanical Engineering, Industrial and Systems Engineering. External Partner: Ashland.

## WiE Preview Day ( ME + WE = > YOU )

The Ohio State Women in Engineering Program's (WiE) 2010 Preview Day took place on March 12 in conjunction with the Minority Engineering Program's Preview Day. This event gave 42 female students in grade 12 the opportunity to find out more about the College of Engineering at Ohio State. All participating students had been accepted into the College of Engineering for Fall 2010, and their parents/guardians were also invited to attend this event. In addition to learning about the college's Women in Engineering Program and meeting with representatives from the engineering departments of greatest interest to them, participants were able to tour a dorm room and to talk with current female engineering students during a Mix & Mingle held at the conclusion of the event.

**Participating Schools:** Female students in grade 12 who have been accepted to the Ohio State College of Engineering.

**Ohio State Contact:** Women in Engineering, College of Engineering, 614-688-3118, [wie@osu.edu](mailto:wie@osu.edu), [wie.osu.edu/content/future-students](http://wie.osu.edu/content/future-students).

## Women in Engineering Classroom Visits Program

The Women in Engineering Program (WiE) visited four different schools and homeschool groups as part of the 2009-2010 WiE Classroom Visits Program, reaching students in grades 1-12 during 8 visits. During these visits, WiE's Assistant Director for Outreach gave an age-appropriate introduction to the field of engineering and also talked with students about the opportunities available to engineering undergraduates at Ohio State. The majority of these visits concluded with a fun, hands-on activity designed to introduce the students to specific engineering areas. To provide a near-peer perspective on the importance of engineering related careers, both male and female undergraduate engineering students were invited to participate in these visits whenever possible.

**Participating Schools:** Delaware County: Olentangy Local—Tyler Run Elementary, Orange High. Franklin County: Columbus Catholic Diocese—Bishop Hartley High; Dublin City—Willard Grizzell Middle; Westerville City—Longfellow Elementary; Worthington City—Colonial Hills Elementary. Licking County: Granville Exempted Village.

**Ohio State Contact:** Women in Engineering, College of Engineering, 614-688-3118, [wie@osu.edu](mailto:wie@osu.edu), [wie.osu.edu/content/wie-pre-college-programs#All](http://wie.osu.edu/content/wie-pre-college-programs#All).

## Young Scholars Program

The Ohio State University Office of Minority Affairs Young Scholars Program is a comprehensive precollegiate and collegiate program designed to prepare students for entry into Ohio State. Founded in 1988, YSP annually identifies 120 academically talented first generation college students from economically challenged backgrounds. The program inducts students at the end of their sixth-grade year and undertakes programs to enhance the academic, personal, and career development of scholars. In particular, YSP seeks to increase the number of African American, American Indian, Appalachian, Asian/Pacific Islander, and Latino/Hispanic students seeking and earning college degrees. A state-wide program, YSP serves up to 720 precollegiate students and is a collaborative effort between The Ohio State University and Ohio's nine largest urban school districts. Upon completion of the precollegiate program, scholars are admitted to Ohio State. More than 400 scholars are currently enrolled at the university.

**Participating Schools:** Cuyahoga County: Cleveland Municipal; Franklin County: Columbus City; Hamilton County: Cincinnati Public; Lorain County: Lorain City; Lucas County: Toledo City; Mahoning County: Youngstown City; Montgomery County: Dayton City; Stark County: Canton City; Summit County: Akron City.

**Ohio State Contact:** Young Scholars Program, Office of Minority Affairs, 614-292-4884, [oma.osu.edu/current-students/young-scholars-program/](http://oma.osu.edu/current-students/young-scholars-program/).

## COLLEGE ACCESS AND ASPIRATION

### Access Ambassadors and Mentoring Projects

Wearing KnowHow2Go? T-shirts, Ohio State students explain to younger students what it's like to go to college and how they can work to get there, at Community Commitment Day and other events.

**Participating Schools:** Franklin County: South-Western City—Franklin Heights High.

**Ohio State Contact:** Economic Access Initiative, Office of Enrollment Services, 614-292-3343, [www.osu.edu/access](http://www.osu.edu/access).

### Alternative Spring Break: Adams, Brown, and Vinton Counties

Sponsored by the Economic Access Initiative and University Housing, Ohio State students used their spring break to bring the message of access to higher education to Adams, Brown, and Vinton counties. Students learned about this vital social and economic issue from the perspective of an access advocate with over 30 years of experience in the field. With their spring break advisor, students worked onsite with elementary, middle, and high school students in these rural counties to provide both inspiration and college planning information. They started the week with an orientation given by the OSU Extension Educator in Brown County and GearUp Director-West Union. They met with the director of the Economic Access Initiative and local community leaders to prepare for their week of community-based work. The Ohio State students spent the week in area schools, working with youth to help them aspire to go to college and to learn more about making choices that would make college a reality. The students also conducted a workshop for parents on access issues.

**Participating Schools:** Schools in Adams, Brown, and Vinton counties.

**Ohio State Contact:** University Housing, Office of Student Life, 614-688-7744. Ohio State Partners: Office of Academic Affairs/Economic Access Initiative, OSU Extension.

### AmeriCorps College Planning Volunteers

For many school districts, counselors dedicated solely to the college planning and advising process are a luxury they just can't afford. At the same time, students, particularly in low-income areas, need assistance in pursuing education beyond high school. To help with this quandary, Ohio State has partnered with the Ohio College Access Network, I Know I Can, and the Cleveland Scholarship Program to bring 14 recent college graduates and newly minted AmeriCorps volunteers to Cuyahoga, Lorain and Franklin counties. The enthusiastic volunteers will work in local high schools as college planning experts shepherding students through the admissions and financial aid processes. It is hoped that this program will become a model throughout the state.

**Participating Schools:** Cuyahoga County: Cleveland Municipal. Lorain County: Lorain City.

**Ohio State Contact:** Economic Access Initiative, Office of Enrollment Services, 614-292-3343, [osuSEA@gmail.com](mailto:osuSEA@gmail.com), [www.osu.edu/access](http://www.osu.edu/access). External Partners: Ohio College Access Network, Cleveland Scholarship Program.

### AT&T High School Success Program

Each semester, high-risk high school freshmen are invited to participate in this program that provides holistic, best-practices interventions for dropout prevention. Through career counseling, academic skills building, personal counseling, parental involvement, and mentoring, approximately 30 students each semester at two high-needs high schools in Columbus participate in the program. The program is supported by a grant from the AT&T Aspire initiative.

**Participating Schools:** Franklin County: Columbus City—Linden McKinley STEM Academy, South High.

**Ohio State Contact:** Counselor Education, College of Education and Human Ecology, 614-688-5938.

### Biological Sciences Day

Juniors and seniors from Ohio high schools are invited to campus for a day of learning in the College of Biological Sciences. Students and their families get a glimpse of college life as a biological sciences student at Ohio State. Professors from different specialties and students who are engaged in research on campus speak about their contribution to the University and how incoming freshman can get involved. The visitors also tour the greenhouse, insect laboratory, and microbiological research facilities. Bio Sci Day is generally held the first Saturday in March. The event is hosted by student members of Helix, the undergraduate honorary society. More than 260 students and their families participated in 2009.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Division of Natural & Mathematical Sciences, College of Arts and Sciences, 614-292-1704, [helixtribeta.org.ohio-state.edu/HelixTriBeta/BioSci\\_Day.html](http://helixtribeta.org.ohio-state.edu/HelixTriBeta/BioSci_Day.html).

### CAN DO Access

The name of this partnership is derived from the first letter of each partner organization/institution: Central Ohio Technical College (COTC), A CALL TO COLLEGE (ACTC), Newark City Schools, Denison University (DU), and The Ohio State University at Newark (OSU Newark). The partnership harnesses several strengths of three Licking county colleges (COTC, DU, and OSU Newark) and a nonprofit organization (ACTC) committed to college access and channels these assets toward a common goal: initiating a collaborative, sustained effort to increase college aspiration and awareness in Newark City elementary and middle school students.

**Participating Schools:** Licking County: Newark City.

**Ohio State Contact:** Office of Undergraduate Admissions and First Year Experience, Ohio State Newark, 740-366-9333.

### College 101: Strategies for First-Year Success

College 101 is a 1- or 2-hour seminar designed to help high school seniors make a more successful transition to college. It is applicable to any student planning to attend any college. College 101 is a research-based seminar that delivers real-life advice including numerous live-on-campus video clips. Topics include choosing classes, talking with professors, time management, budgeting, social scene changes, campus safety, and more. College 101 has reached more than 180 locations in 31 states across the country.

**Highland County**—College 101 was presented to 133 students to help them have a better understanding of college with a realistic look at cost, dorm life, study habits, student organizations, working with professors, time management, and student life on campus. Students also practiced goal setting and reviewed study skills.

**Vinton County**—Extension personnel taught the College 101 curriculum to high school seniors in Vinton County. Students learned how life will change when they transition from high school to college. Many students in Vinton County indicated that their parents did not go to college and they feel unprepared to enter the next stage in their life, which might include going to college. Ninety percent of the attendees indicated that they agree or strongly agree that they feel better prepared to enter college after completing the curriculum.

**Participating Schools:** Highland County: Lynchburg-Clay Local, Fairfield Local, Greenfield Exempted Village. Montgomery County: Dayton City. Vinton County: Vinton County Local. Schools in Champaign County.

**Ohio State Contact:** Montgomery County, OSU Extension, 937-224-9654, [urbanprograms.osu.edu/success-stories/youth/college-101-fostering-first-year-college-success/](http://urbanprograms.osu.edu/success-stories/youth/college-101-fostering-first-year-college-success/).

## College Caravan/Northeast Ohio Council for Higher Education Partnership

In the fall of 2009, 4-H in Cuyahoga County used information and materials from the program as part of a partnership with the Northeast Ohio Council for Higher Education (NOCHE) to highlight opportunities related to green careers in conjunction with their fall College Caravan program. Program consisted of an educational display highlighting alternate forms of energy (solar, wind, geothermal) and models of energy systems using these principles. Students received a fact sheet highlighting range of career opportunities emerging with green careers and a word search puzzle to help familiarize them with key concepts and career possibilities. Visits to each school lasted approximately 60 to 90 minutes. Approximately 350 youth took part at the 10 sites. Information presented was regarded by NOCHE to be of significant value to participants. Program led to additional career programming conducted at two participating schools in second half of 2010 school year, which involved an additional 100 youth.

**Participating Schools:** Cuyahoga County: Cleveland Metropolitan—Carl F. Schuler High, Ginn Academy of Glenville High School, Garrett Morgan School of Science, Max Hayes Vocational High, James Ford Rhodes High, Jane Addams Business Careers Center, John F. Kennedy High, John Marshall High, Whitney Young High; Warrensville Heights City—Warrensville Heights High.

**Ohio State Contact:** Cuyahoga County, OSU Extension, 216-429-8200. External Partner: Northeast Ohio Council for Higher Education.

## College Day

College Day provides an opportunity for high school students with disabilities to learn about things they should be considering as they look at different colleges and universities. Special education teachers and some parents also attend this event.

**Participating Schools:** Delaware County: Olentangy Local—Olentangy High. Franklin County: Bexley City—Bexley High; Columbus City—Brookhaven High, Eastmoor Academy, Fort Hayes High, Independence High, Walnut Ridge High, West High; Grandview Heights City—Grandview Heights High; South-Western City—Central Crossing High, Grove City High; Upper Arlington City—Upper Arlington High; Westerville City—Westerville Central High. Hamilton County: Mariemont City—Mariemont High. Lucas County: Toledo City—Toledo Technology Academy. Montgomery County: Kettering City—Kettering Fairmont High. Sandusky County: Fremont City—Fremont Ross High. Union County: Fairbanks Local—Fairbanks High; Marysville Exempted Village—Marysville High. Washington County: Marietta City—Marietta High. Wood County: Bowling Green City—Bowling Green High.

**Ohio State Contact:** Office for Disability Services, Office of Student Life, 614-292-3307, [www.ods.osu.edu](http://www.ods.osu.edu).

## College Fair, College Planning Night, and Financial Aid Night (Marion)

In cooperation with area high school guidance counselors and Marion Technical College, the annual College Fair features representatives of more than 70 colleges and universities. A separate College Planning Night is devoted to educating parents and students preparing for college. Financial Aid Night offers information and instructions on financial aid, including assistance in completing the Free Application for Federal Student Aid (FAFSA).

**Participating Schools:** Schools in Marion County.

**Ohio State Contact:** Enrollment Management, Ohio State Marion, 740-725-6337.

## College Fairs, College Planning Sessions, and College Visits (Newark)

College fairs and planning sessions are held in the evening for parents and students to provide information about Ohio State Columbus and Ohio State Newark and help them navigate the college selection and application process. High school students visit during the day to learn about the benefits of attending Ohio State.

**Participating Schools:** Licking County: Southwest Licking Local.

**Ohio State Contact:** Office of Undergraduate Admissions and First Year Experience, Ohio State Newark, 740-366-9333.

## College Preparation Presentations

Undergraduate Admissions and First-Year Experience staff have visited schools across central Ohio to present programs describing the steps to college. Aimed at students in grades 5-10, these presentations have occurred both during and after school. Parents, teachers, and counselors have also participated.

**Participating Schools:** Franklin County: Columbus City.

**Ohio State Contact:** Office of Undergraduate Admissions and First Year Experience, 614-292-3980, [undergrad.osu.edu/visit.html](http://undergrad.osu.edu/visit.html).

### County Model for College Access

This program draws on the expertise of the Economic Access Initiative, the College of Education and Human Ecology, Hardin County Extension, the OSU Extension Center in Wooster, the Ohio College Assistance Network, and Know How to Go, the national public service campaign targeted to low income student to develop a rural county model for increased college access among students otherwise not likely to attend college. Hardin County was chosen because it has a low college-going rate, a low percentage of college graduates, and Extension's existing Hardin County Youth Leadership Program. High school sophomores participating in the program were trained to deliver the Know How2Go message to fourth through eighth graders in the six county school districts. The presentations engaged middle school students in thinking about preparation for postsecondary education. A side benefit was that the sophomore leaders increased their knowledge about and commitment to their own college-going plans. The partnership is planning to expand the model into more rural counties.

**Participating Schools:** Hardin County: Ada Exempted Village, Hardin Northern Local, Kenton City, Ridgemont Local, Riverdale Local, Upper Scioto Valley Local.

**Ohio State Contact:** Economic Access Initiative, Office of Enrollment Services, OSU Extension, College of Education and Human Ecology, Ohio College Assistance Network.

### Educational Minutes

The Educational Minutes are a public service partnership of the Economic Access Initiative, Office of Undergraduate Admissions and First-Year Experience, Office of Minority Affairs, P-12 Project, and Radio One, the top urban media group in Ohio and across the nation. Every night, 7 days a week, a 1-minute Educational Tip airs on the Radio One network. The spots feature Ohio State faculty, staff and students and local high school students, offering educational tips to help families move their children toward successful participation in higher education.

**Participating Schools:** All central Ohio schools.

**Ohio State Contact:** Office of Undergraduate Admissions and First Year Experience, 614-292-3980, [www.osu.edu/access/ed\\_minutes.php](http://www.osu.edu/access/ed_minutes.php). Ohio State Partners: Office of Minority Affairs; Economic Access Initiative, Office of Enrollment Services; P-12 Project, College of Education and Human Ecology.

### Financial Aid Awareness

A program to present financial aid information to the community includes a presentation to the I CAN Go to College program, a financial aid assistance workshop and presentations to area high schools, a video for FAFSA completion delivered to all local high schools, Financial Aid Night, and seven half-hour television shows airing the video. FAFSA completion workshops are presented in all counties of the service region.

**Participating Schools:** Schools in Crawford, Delaware, Hardin, Marion, Morrow, Union, and Wyandot counties.

**Ohio State Contact:** Office of Student Life, Ohio State Marion, 740-725-6337.

### I CAN Center of Excellence

The I CAN Center of Excellence is designed to motivate students of all ages to view higher education as necessary, desirable, and obtainable. The college access program is available in the seven-county region served by Ohio State's Marion campus and Marion Technical College. Activities include the book *Happily Ever After* for elementary students, curriculum materials, mini-grants to teachers, Reading Day, Eighth-Grade Tours, speakers, mentors in high schools and youth programs, High School Leadership Program, assistance with FAFSA and college application, college tours, and Last Dollar Grants. Supported by Ohio's College Access Network, the center partnered with the Marion Area Tech-Prep Consortium, local school districts, the Ohio Department of Job and Family Services, United Way, and local chambers of commerce. More than 150 students have received Last Dollar Grant scholarships and hundreds more have received assistance in getting to college. The program's success is evidenced by above-average increases in college enrollment and increased membership in college advantage programs in the seven counties served.

**Participating Schools:** Schools in Crawford, Delaware, Hardin, Marion, Morrow, Union, and Wyandot counties.

**Ohio State Contact:** Office of Student Life, Ohio State Marion, 740-725-6273, [osumarion.osu.edu/ICAN/index.html](http://osumarion.osu.edu/ICAN/index.html).

### Minority College Fair

Minority College Fair is a joint project between Marion's Interdenominational Ministerial Alliance, Marion City Schools, and Ohio State Marion that provides an opportunity for 9th- through 12th-grade minority youth in greater Marion and surrounding communities to learn more about Ohio State Marion and to dispel myths about college. Minority students are provided information about Ohio State curriculum, financial aid, scholarships, minority student services, unique opportunities, and career development available at Ohio State and Ohio State Marion. The college fair is presented to a joint youth congregation of minority students and is held at an area church.

**Participating Schools:** Schools in Marion County.

**Ohio State Contact:** Office of Student Life, Ohio State Marion, 740-725-6273.

### Ohio State ATI Upward Bound

Upward Bound, a TRIO program funded by the U.S. Department of Education, helps eligible students prepare for college. To be eligible for Ohio State ATI's Upward Bound program, a student must attend either Wooster, Orrville, Canton Timken, or Canton McKinley Senior High School; show academic need; and be either from a family that is low-income or in which the parents do not have a Bachelor's degree. Upward Bound offers academic advising, tutoring, college information and visits, career exploration, personal and social development workshops, academic and cultural enrichment, and assistance with financial aid searches. For 6 weeks during the summer, Upward Bound students live on the campus of ATI in Wooster to attend classes and participate in a wide variety of activities.

**Participating Schools:** Stark County: Canton City—McKinley High, Timken High; Orrville City—Orrville High. Wayne County: Wooster City—Wooster High.

**Ohio State Contact:** Agricultural Technical Institute, College of Food, Agricultural, and Environmental Sciences, 330-287-1284, [atiub@osu.edu](mailto:atiub@osu.edu), [atiub.osu.edu](http://atiub.osu.edu).

## Ohio State University Academy

The Ohio State University Academy offers outstanding high school students the opportunity to enroll in Ohio State classes. The academy program is the Ohio State implementation of the Post Secondary Enrollment Option Program created by the state of Ohio and is a partnership between Ohio State, the high school, and the student and his or her parents. Admission is based on class rank, grade point average, and standardized test scores.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Office of Undergraduate Admissions and First Year Experience/Office of Academic Affairs, 614-292-3980, [undergrad.osu.edu/academy/](http://undergrad.osu.edu/academy/).

## Ohio State/School Partnerships

The Ohio State University P-12 Project served as sponsors for elementary, middle, and high school classrooms by sending Ohio State information and school spirit items for the students. The schools are all participating in programs to help students realize their potential to attend college someday.

**Participating Schools:** Allen County: Bath Local—Bath Middle. Ashtabula County: Pymatuning Valley Local—Pymatuning Valley High. Cuyahoga County: Mayfield City—Mayfield Center Elementary. Hamilton County: Hamilton City—Hamilton Freshman School. Montgomery County: Dayton City—Stivers School for the Arts. Scioto County: Northwest Local Schools. out of state: AVID Program, Jacksonville, NC; John D. Philbrick Elementary, Roslindale, MA; McCoy Elementary, Carrollton, TX; Vista Middle, Red Bluff, CA; Winston Campus Elementary, Palatine, IL; Elmhurst Community Prep, Oakland, CA; Eleanor Roosevelt High, Corona, CA; Gibbs High, St. Petersburg, FL; Francisco Sepulveda Middle, North Hills, CA; Holmes International Middle/Humanities Magnet, Northridge, CA; ESTEM Charter Middle School, Little Rock, AR; Highland Elementary, Skokie, IL.

**Ohio State Contact:** P-12 Project, College of Education and Human Ecology, 614-688-0474.

## Ohio's STEM Ability Alliance: Degrees and Careers for Ohioans with Disabilities

Ohio State University, in partnership with Columbus State Community College, is leading a 5-year program to recruit Ohio students with disabilities to enter the STEM (science, technology, engineering and mathematics) fields. Ohio's STEM Ability Alliance is made possible by a \$3 million National Science Foundation grant, with the goals of recruiting, retaining, and graduating students with disabilities in STEM degree programs at Ohio State and Columbus State in Columbus and Wright State and Sinclair Community College in Dayton. The initiative is creating networks between universities, public schools, industries and government to increase the number and quality of students with disabilities pursuing STEM degrees and careers. High school and college students with disabilities receive stipends to participate in Student Learning Communities and mentoring activities.

**Participating Schools:** Franklin County: Columbus City—Linden-McKinley High; independent—Metro School; Ohio State School for the Blind.

**Ohio State Contact:** Nisonger Center, Office of Health Sciences, 614-292-9218, [nisonger.osu.edu/osaa/](http://nisonger.osu.edu/osaa/). Ohio State Partners: College of Engineering; College of Arts and Sciences; University Center for the Advancement of Teaching, Office of Academic Affairs. External Partners: Columbus State Community College, Wright State University, Sinclair Community College, Wright Patterson Air Force Base.

## Organization of Black Aviation Professionals Aviation Career Education (ACE) Camp

A collaborative program between The Ohio State University Airport and the Organization of Black Airline Pilots (OBAP) allows youth to experience through a first-hand introduction to flight. Free plane rides included.

**Participating Schools:** Available to any districts/schools/youth. **Ohio State Contact:** Ohio State University Airport, College of Engineering, 614-247-4366, [www.obap.org/programs](http://www.obap.org/programs).

## Senior to Senior

A group of students is working to help students in central Ohio achieve their dreams of a college education. Initiatives include mentoring high school juniors and seniors through their college application process and collaborating with other on-campus organizations.

**Participating Schools:** Franklin County: South-Western City—Franklin Heights High.

**Ohio State Contact:** Economic Access Initiative, Office of Enrollment Services, 614-292-3343, [osuSEA@gmail.com](mailto:osuSEA@gmail.com), [www.osu.edu/access](http://www.osu.edu/access).

## Seniors to Sophomores

Seniors to Sophomores (S2S) is a dual enrollment program that enables academically qualified high school seniors to earn both high school and college credit at the same time. Participating students are enrolled in classes on a college campus and have the opportunity to complete up to one year of college - 24 semester or 36 quarter hours - and enter college as college sophomores, at no cost to the student. Ohio State is one of six members of the Higher Education Partnership that partnered with Columbus City Schools to pilot the program. Ohio State hosted two of the 21 CCS students in the 2008 cohort, both of whom have continued at the university.

**Participating Schools:** Franklin County: Columbus City.

**Ohio State Contact:** P-12 Project, College of Education and Human Ecology. Ohio State Partners: Office of Undergraduate Admissions and First Year Experience, Office of Minority Affairs, Higher Education Partnership.

## Stadium Scholarship Program-I Know I Can!

Ohio State students worked with high school students to help them with their transition to college and to achieve their endeavors to matriculate to an institution of higher learning.

**Participating Schools:** Franklin County: Columbus City.

**Ohio State Contact:** Residence Life, Office of Student Life, 614-247-4664. Ohio State Partner: Economic Access Initiative/Office of Academic Affairs. External Partner: I Know I Can.

## Strategies for College Success: A Program for Increasing Postsecondary Success Rates among Urban Schools

The Walter E. Dennis Learning Center imparts strategies for college success to high school students through a Strategies for College Success course and a variety of workshops. The computer-assisted course teaches learning and motivation strategies in high schools. The course enables students to apply strategies for achievement, receive feedback, and transfer the strategies to other situations. Structure is provided by means of deadlines, clear expectations, performance requirements, and grading rubrics, features that encourage students to take responsibility for their outcomes. Additionally, the course presents content and assignments in bite-size pieces, resulting in performance goals that are challenging but attainable. Success of the project is measured by comparing the grade point averages (GPAs) of course takers to matched nontakers. Course takers have been found to make greater gains in GPA than matched nontakers. A 2007 study of 150 11th- and 12th-grade students in three high schools showed that course takers earned significantly higher GPAs than closely matched nontakers, suggesting that taking the course was an effective way to help students improve academically and increase their likelihood of being admitted to college; 72% of course takers indicated that they were glad they took the course, and virtually all said they would recommend it to other students. In Summer 2010, the Walter E. Dennis Learning Center's outreach program collaborated with other university departments to facilitate workshops for the Seniors-to-Sophomores orientation at Columbus State Community College, Ohio's Science & Engineering Talent Expansion Program (OSTEP) and Pre-Freshman and Cooperative Education (PREFACE) bridge programs, the Summer Research Experience Program (SREP), and the Science, Technology, Engineering, and Mathematics (STEM) Leadership Program.

**Participating Schools:** 2009-10 participants: Franklin County: Columbus City—Brookhaven High, Centennial High, Fort Hayes High, Welcome Center High; Reynoldsburg City—Reynoldsburg High; Whitehall City—Whitehall Yearling High; independent—Columbus Global Academy. Lucas County: independent—Polly Fox Academy.

**Ohio State Contact:** Educational Policy and Leadership/Walter E. Dennis Learning Center, College of Education and Human Ecology, 614-688-8284, [dennislearningcenter.osu.edu/](http://dennislearningcenter.osu.edu/). Ohio State Partners: College of Engineering, Minority Engineering Program, Center for Clinical and Translational Science, Seniors to Sophomores.

Strategies for College Success. Photo courtesy of Dennis Learning Center.



## Student Life Student Internship Program

Student Life Human Resources' Student Internship Program is a collaboration with Columbus City Schools (CCS) that addresses seasonal staffing needs within the Office of Student Life. Begun in 2001, the program requires 120 community service/internship hours for each graduating high school senior. In conjunction with the High School and Career Education Curriculum Development and Instructional Support Department of CCS, a program is planned that incorporates a prescreened candidate pool, full-time work experience (10 weeks/40 hours per week), competitive student wages, postsecondary educational programming (during paid release time), internship coordinator consultations (onsite and telephone), free uniforms, and CCS internship/community service credit. Student work schedules are adjusted to allow for 35 hours of work time and 5 hours of academic enrichment seminars each week. The Student Wellness Center provides education about sexual harassment, personal safety, and risk reduction.

**Participating Schools:** Franklin County: Columbus City.  
**Ohio State Contact:** Human Resources, Office of Student Life, 614-292-4527.

## University and College Access Network (U-CAN) of Richland County

U-CAN currently provides the following services: college admission and financial aid advising to students in eight Richland and Ashland County high schools, parental advising, Last Dollar Scholarships based on need, post-high school tracking of student progress in postsecondary education, and a walk-in resource center for students, parents, and adult learners. Students served include all seniors in the participating high schools. Advising services are provided by five part-time college access advisors throughout the school year. Results are tracked by U-CAN advisors and by data from the National Student Clearinghouse. Participating school districts bear about half the cost of their U-CAN advisor, with the remainder of the program's support coming from grants and local philanthropy.

**Participating Schools:** Ashland County: Ashland City—Ashland High; Ashland-West Holmes Career Center, Loudonville-Perrysville Exempted Village—Perrysville Junior High; Mapleton Local—Mapleton High. Holmes County: West Holmes Local. Richland County: Clear Fork Valley Local—Clear Fork High; Crestview Local—Crestview High; Madison Local—Madison High; Mansfield City—Mansfield High; Plymouth-Shiloh Local—Plymouth High.  
**Ohio State Contact:** Department of Mathematics, College of Arts and Sciences, Ohio State Mansfield, 419-755-4291, [www.ohiocan.org/richland](http://www.ohiocan.org/richland). External Partners: North Central State College, MedCentral College of Nursing, Ohio College Access Network, Ashland-Richland-Crawford P-16 Council (SPARC), Mid-Ohio Educational Service Center, Richland Co. Foundation, multiple foundations and local businesses.

## Upward Bound Program

Upward Bound offers students the opportunity to excel in not only high school, but also in college and beyond. By accepting students into the program in their 9th or 10th grade year in high school, the Upward Bound Program lays a strong foundation in preparing them for college. Mathematics, Science, Language Arts, and Foreign Language classes are taught and provide academic enrichment for students. Additionally, students take an enrichment course that focuses on topics such as Financial Aid/Scholarships, Preparing an Academic Resume, Choosing a Major/Career, ACT/SAT Preparation, and Study Skills. The enrichment course also focuses on other life skills topics such as Managing Relationships, Etiquette, and Leadership.

**Participating Schools:** Franklin County: Columbus City.

**Ohio State Contact:** Office of Minority Affairs, 614-292-2344, upwardbound@osu.edu, oma.osu.edu/future-students/upward-bound/.

## Young Scholars Program

The Ohio State University Office of Minority Affairs Young Scholars Program is a comprehensive precollegiate and collegiate program designed to prepare students for entry into Ohio State. Founded in 1988, YSP annually identifies 120 academically talented first generation college students from economically challenged backgrounds. The program inducts students at the end of their sixth-grade year and undertakes programs to enhance the academic, personal, and career development of scholars. In particular, YSP seeks to increase the number of African American, American Indian, Appalachian, Asian/Pacific Islander, and Latino/Hispanic students seeking and earning college degrees. A statewide program, YSP serves up to 720 precollegiate students and is a collaborative effort between The Ohio State University and Ohio's nine largest urban school districts. Upon completion of the precollegiate program, scholars are admitted to Ohio State. More than 400 scholars are currently enrolled at the university.

**Participating Schools:** Cuyahoga County: Cleveland Municipal; Franklin County: Columbus City; Hamilton County: Cincinnati Public; Lorain County: Lorain City; Lucas County: Toledo City; Mahoning County: Youngstown City; Montgomery County: Dayton City; Stark County: Canton City; Summit County: Akron City.

**Ohio State Contact:** Young Scholars Program, Office of Minority Affairs, 614-292-4884, oma.osu.edu/current-students/young-scholars-program/.

## COMMUNITY SERVICE/SERVICE-LEARNING

### 4-H CLOVER (Catch Lots of Very Exciting Reading)

CLOVER is a 4-H literacy/reading program designed to encourage 4-H members of all ages to enjoy reading, engage in community service/volunteering, and gain knowledge related to their selected project areas. Stark County 4-H youth (ages 5-18) are eligible to enroll. Youth earn points by reading age/ability appropriate books, magazine articles, and textbook chapters on their project area(s) and their 4-H project resource manual. Reading-related community service also earns points.

**Participating Schools:** Schools in Stark County.

**Ohio State Contact:** Stark County, OSU Extension, 4-H Youth Development, starkcountyjrfair4h.com.

## Girls Circle

The Girls Circle Project is a service-based, year-long immersion project that trains college women to become Girls Circle facilitators and run Girls Circles in Columbus-area schools or agencies with middle or high school-aged girls. This project gives college women the opportunity to grow, learn, and challenge themselves through training, facilitation, and experiences working with adolescent and teenage girls. The Girls Circle model, a structured support group for girls from 9-18 years, integrates relational theory, resiliency practices, and skills training in a specific format designed to increase positive connection, personal and collective strengths, and competence in girls. It aims to counteract social and interpersonal forces that impede girls' growth and development by promoting an emotionally safe setting and structure within which girls can develop caring relationships and use authentic voices. The circles have a leader as well as a well-tested, weekly curriculum and evaluation methodology. The focus is on discussion, decision-making skills and critical thinking. In the 2009-10 academic year 35 women ran 15 circles in Columbus-area schools and organization, serving approximately 160 girls.

**Participating Schools:** Franklin County: Columbus City—Arlington Park Elementary, Indianola Informal K-8, Parkmoor Elementary; Grandview Heights City—Grandview Heights High; New Albany-Plain Local—New Albany Middle School; Reynoldsburg City—Waggoner Road Middle; independent/charter—W.C. Cupe Community, Wellington School, Pschtec High.

**Ohio State Contact:** University Honors and Scholars, Office of Enrollment Services and Undergraduate Education, 614-292-1794, www.girlsircle.com. Ohio State Partner: Office of Academic Affairs/Economic Access Initiative. External Partners: YWCA, Columbus Housing Partnership.

## Summer High School Volunteer Program at The Ohio State University Medical Center

This program provides 25 hours of hospital volunteering opportunities in customer service and clerical positions for high school students aged 16 and over. Approximately 50 students volunteer each summer.

**Participating Schools:** Franklin County: Columbus area schools  
**Ohio State Contact:** Volunteer Services, OSU Medical Center, 614-293-8653, medicalcenter.osu.edu/ways\_to\_give/volunteering/high\_school/Pages/index.aspx.

## COUNSELING/PSYCHOLOGY

### Counseling and Consultation Services Presentations

Counseling and Consultation Services staff offer presentations to schools on counseling-related topics. Presentations in 2008-09 included (1) stress and time management for 35 high school students who participate in the Upward Bound Program of the Office of Minority Affairs; (2) stress and school work for 20 students from The Charles School at Ohio Dominican University High School; and (3) CCS services and counseling in general for 10 high school students who participate in the Upward Bound Program.

**Participating Schools:** Franklin County: independent—Charles School

**Ohio State Contact:** Counseling and Consultation Services, Office of Student Life, 614-292-5766.

## Department of Theatre Central Ohio Schools Tour

Ohio State students perform a play on the Ohio State campus and in schools in the central Ohio area schools during winter quarter. A graduate assistant prepares a study guide for the teachers and students and leads a discussion after each performance. The 2009/2010 play was *A Song for Coretta* by Pearl Cleage. The play served as a springboard to discuss the Civil Rights Movement. The production was presented to approximately 2,500 K-12 students.

**Participating Schools:** Fairfield County: Pickerington Local—Pickerington North High. Franklin County: Columbus City—Clinton Middle, Johnson Park Middle, Linden-McKinley STEM Academy; Dublin City—Dublin Scioto High. Reynoldsburg City—Baldwin Road Junior High; Upper Arlington City—Upper Arlington High.

**Ohio State Contact:** Department of Theatre, College of Arts and Sciences, 614-292-7258, theatre.osu.edu/tour. Ohio State Partner: Department of English.

## Real Colors

Real Colors is a curriculum for teens and adults that identifies individual personality types. The curriculum includes learning activities that help participants understand how personality affects relationships, communication, and their skills and abilities.

**Participating Schools:** Schools in Muskingum County.

**Ohio State Contact:** 4-H Youth Development, OSU Extension, 740-454-0144, muskingum.osu.edu.

## DISABILITIES

### Adapted Recreational Sports Programs

Recreational Sports offers adapted swimming and gymnastics for children with disabilities, ages 4-16; 1 lesson a week for 7 weeks per quarter. Program staff participated in Special Education Outreach Fairs in the Dublin and South-Western city school districts to showcase adapted recreation programs to parents.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Recreational Sports, Office of Student Life, 614-688-3693, www.recsports.osu.edu/community-programs.

### College Day

College Day provides an opportunity for high school students with disabilities to learn about things they should be considering as they look at different colleges and universities. Special education teachers and some parents also attend this event.

**Participating Schools:** Delaware County: Olentangy Local—Olentangy High. Franklin County: Bexley City—Bexley High; Columbus City—Brookhaven High, Eastmoor Academy, Fort Hayes High, Independence High, Walnut Ridge High, West High; Grandview Heights City—Grandview Heights High; South-Western City—Central Crossing High, Grove City High; Upper Arlington City—Upper Arlington High; Westerville City—Westerville Central High. Hamilton County: Mariemont City—Mariemont High. Lucas County: Toledo City—Toledo Technology Academy. Montgomery County: Kettering City—Kettering Fairmont High. Sandusky County: Fremont City—Fremont Ross High. Union County: Fairbanks Local—Fairbanks High; Marysville Exempted Village—Marysville High. Washington County: Marietta City—Marietta High. Wood County: Bowling Green City—Bowling Green High.

**Ohio State Contact:** Office for Disability Services, Office of Student Life, 614-292-3307, www.ods.osu.edu.

## Multi-Handicap Program Upper Arlington

High school students spend time as volunteers within the Ohio State University Medical Center. The experience helps students make successful transitions into the working world.

**Participating Schools:** Franklin County: Upper Arlington City—Upper Arlington High.

**Ohio State Contact:** Volunteer Services, OSU Medical Center, 614-293-6294.

## Ohio's STEM Ability Alliance: Degrees and Careers for Ohioans with Disabilities

Ohio State University, in partnership with Columbus State Community College, is leading a 5-year program to recruit Ohio students with disabilities to enter the STEM (science, technology, engineering and mathematics) fields. Ohio's STEM Ability Alliance is made possible by a \$3 million National Science Foundation grant, with the goals of recruiting, retaining, and graduating students with disabilities in STEM degree programs at Ohio State and Columbus State in Columbus and Wright State and Sinclair Community College in Dayton. The initiative is creating networks between universities, public schools, industries and government to increase the number and quality of students with disabilities pursuing STEM degrees and careers. High school and college students with disabilities receive stipends to participate in Student Learning Communities and mentoring activities.

**Participating Schools:** Franklin County: Columbus City—Linden-McKinley High; independent—Metro School; Ohio State School for the Blind.

**Ohio State Contact:** Nisonger Center, Office of Health Sciences, 614-292-9218, nisonger.osu.edu/osaa/. Ohio State Partners: College of Engineering; College of Arts and Sciences; University Center for the Advancement of Teaching, Office of Academic Affairs. External Partners: Columbus State Community College, Wright State University, Sinclair Community College, Wright Patterson Air Force Base.

## DUAL ENROLLMENT

### Columbus Teaching Academy

The Columbus Teaching Academy is a 1-year program designed specifically for high school seniors considering a career in education. Students are assigned internships in upper elementary, middle school, and/or special education classes, enabling them to work with various age levels and subject areas. Afternoon classes are held at The Ohio State University, providing a rich opportunity for students to enjoy the college setting, interact with college professors, and learn from current university students. Students who receive a grade of B or above for the year-long will receive college credit for 4 hours of credit of EDU PAES 289.01, First Education Experience Program and for 2 hours of ASC 338.02, Professional Pathways in Urban Education. Columbus Teaching Academy is a joint project of Columbus City Schools and The Ohio State University. Each partner contributes in-kind or cash funds to the partnership.

**Participating Schools:** Franklin County: Columbus City high schools.

**Ohio State Contact:** Office of Academic Affairs, 614-444-6134, asccommunitypartnerships.osu.edu/TeachingAcademy.cfm. Ohio State Partners: College of Education and Human Ecology, Economic Access Initiative (Office of Academic Affairs). External Partners: Columbus City Schools, Ohio Department of Education.

## German 104 Dual Enrollment Program

As part of the Post Secondary Enrollment Option program, high school students can enroll in German 104.01 and earn 5 hours of college credit.

**Participating Schools:** Franklin County: Hilliard City—Hilliard Davidson High.

**Ohio State Contact:** Department of Germanic Languages and Literatures, College of Arts and Sciences, 614-292-6985, germanic.osu.edu.

## Ohio State University Academy

The Ohio State University Academy offers outstanding high school students the opportunity to enroll in Ohio State classes. The academy program is the Ohio State implementation of the Post Secondary Enrollment Option Program created by the state of Ohio and is a partnership between Ohio State, the high school, and the student and his or her parents. Admission is based on class rank, grade point average, and standardized test scores.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Office of Undergraduate Admissions and First Year Experience/Office of Academic Affairs, 614-292-3980, [undergrad.osu.edu/academy/](http://undergrad.osu.edu/academy/).

## Seniors to Sophomores

Seniors to Sophomores (S2S) is a dual enrollment program that enables academically qualified high school seniors to earn both high school and college credit at the same time. Participating students are enrolled in classes on a college campus and have the opportunity to complete up to one year of college - 24 semester or 36 quarter hours - and enter college as college sophomores, at no cost to the student. Ohio State is one of six members of the Higher Education Partnership that partnered with Columbus City Schools to pilot the program. Ohio State hosted two of the 21 CCS students in the 2008 cohort, both of whom have continued at the university.

**Participating Schools:** Franklin County: Columbus City.

**Ohio State Contact:** P-12 Project, College of Education and Human Ecology. Ohio State Partners: Office of Undergraduate Admissions and First Year Experience, Office of Minority Affairs. External Partners: Higher Education Partnership.

## ENGINEERING

### 4-H Robotics

The 4-H Robotics Program provided a hands-on approach to science, engineering, and technology learning with opportunities that helped youth learn about robotics programming.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** OSU Extension, 614-247-8150, [www.ohio4h.org/robotics/](http://www.ohio4h.org/robotics/).

## Airport Tours

Interactive tours of The Ohio State University Airport offer a behind-the-scenes experience that introduces youth to airport operations, flight training, and aircraft maintenance. Students learn about basic aerodynamics, parts of the plane and the airport's importance in the community. In 2009, 1,200 students in grades K-12 toured the airport.

**Participating Schools:** Available to any districts/schools/youth.

**Ohio State Contact:** Ohio State University Airport, College of Engineering, 614-247-4366, [www.osuairport.org/Education/Tours/](http://www.osuairport.org/Education/Tours/).

## Central Ohio Summer Welding Institute

A weeklong experience for rising seniors in central Ohio high schools was designed to encourage them to explore welding technology as a career option. Presentations and hands-on activities were sponsored by OSU Welding Engineering Program, the Edison Welding Institute, and several local manufacturing companies including Lincoln Electric and Honda America.

**Participating Schools:** Available only to central Ohio high schools.

**Ohio State Contact:** Welding Engineering, College of Engineering, 614-761-8346. External Partner: Project Lead the Way - Ohio Department of Education.

## Change the World: WiE Are the Future

The Ohio State Women in Engineering Program's 2009 Change the World: WiE Are the Future event was held at the university's Columbus campus on November 13. This event gave 55 female students in the 12th grade the opportunity to spend half the day exploring engineering and the different engineering departments within the Ohio State University. All participants took part in a speed-dating activity which allowed them to meet 2-3 representatives from each department in a short period of time. Representatives from 12 departments were given 8 minutes to answer questions and 'sell' their department. In addition, the 12th-grade participants attended a session on the College of Engineering's First Year Program at Ohio State, the application process, and engaged in a panel discussion with current female undergraduate engineering students.

**Participating Schools:** Only a limited number of districts/schools/youth can be served.

**Ohio State Contact:** Women in Engineering, College of Engineering, 614-688-3118, [wie@osu.edu](mailto:wie@osu.edu), [wie.osu.edu/content/change-world-wie-are-future](http://wie.osu.edu/content/change-world-wie-are-future). External Partner: Shell.

## Electrical and Computer Engineering High School Outreach

To address the shortage of engineers, Electrical and Computer Engineering (ECE) students, as part of the ECE senior capstone design course, have developed a series of hands-on engineering activities to increase awareness of science, technology, engineering, and math (STEM) among high school students and their teachers. ECE seniors and faculty have visited 15 Columbus area high schools, engaging students and their teachers in building speakers, audio equalizers, LED displays, touch-screen sensors, electric motors, a Jeopardy! style quiz game with buzzers and timers, and more. The ultimate goal of the ECE STEM initiative is to teach engineering concepts to high school teachers directly, to encourage and support independent teaching of these concepts in the high schools. Thorough documentation including parts lists and detailed directions is available at [is available on the project website](#). With the projects in place, ECE, with Battelle's support, is organizing build parties at which teachers can come and build the projects themselves before taking them back to their schools. The project was supported by an Excellence in Engagement grant from the Office of University Outreach and Engagement. Project staff can visit any middle or high school in the Columbus area on request, subject only to availability of OSU students. Complete instructions for teachers anywhere are available on the website

**Participating Schools:** Franklin County: Columbus City—Brookhaven High, Fort Hayes High, Linden-McKinley High, West High, Whetstone High; Hilliard City—Hilliard Davidson High; Westerville City—Westerville Central High; Whitehall City—Whitehall Yearling High; Worthington City—Thomas Worthington High, Worthington Kilbourne High; independent—Columbus School for Girls; Metro School.

**Ohio State Contact:** Department of Electrical and Computer Engineering, College of Engineering, 614-292-1323, [www.ece.osu.edu/~anderson/outreach.html](http://www.ece.osu.edu/~anderson/outreach.html).

## Engineering Summer Academy

The Engineering Summer Academy is a 3-week program consisting of 72 hours of classroom and laboratory instruction (Monday through Saturday). Students are expected to devote their study hours to the mental discipline of a concentrated academic experience. The academic experience includes problem solving and introduction to computer systems, including CAAD, spreadsheets, and editors. The course, Engineering H191, includes methods of problem solving, algorithmic development, and introduction to three-dimensional orthographic and pictorial visualization and presentation. To be selected for this program, students must have completed their junior year in high school. It is recommended that students rank in the top 10% of their class and show strength in mathematics as demonstrated by the PSAT.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** College of Engineering, 614-292-6230, [undergrad.osu.edu/academy/summer.html](http://undergrad.osu.edu/academy/summer.html).

## Honda-Ohio State Partnership Math Medal Award and Scholarship Program

The award recognizes and honors achievements in mathematics courses throughout high school. Nearly 200 high school seniors in central and southwestern Ohio received the Honda-OSU Math Medal award in 2009. The central region math medal award marked its sixth year of recognizing math scholarship, while the southwest region's 66 seniors became the inaugural class to receive the award, which expanded into 16 counties in the Dayton and Cincinnati area for the Class of 2010. The math medal award comes with a \$2,500 scholarship opportunity at Ohio State's College of Engineering for the 2010-2011 academic year.

**Participating Schools:** Allen County: Allen East Local—Allen East High; Bath Local—Bath High; Bluffton—Bluffton High; Elida Local—Elida High; Delphos City—Jefferson; Lima City—Lima Senior High, Perry Local—Perry High; Shawnee Local—Shawnee; Spencerville Local—Spencerville. Auglaize County: Minster Local—Minster High; New Bremen Local—New Bremen High; New Knoxville Local—New Knoxville High; Wapakoneta City—Wapakoneta High. Brown County: Georgetown Exempted Village—Georgetown Jr/Sr High. Butler County: Cincinnati Archdiocese—Stephen T Badin High; Edgewood City—Edgewood High; Lakota Local—Lakota East High, Lakota West High; Madison Local—Madison Jr/Sr High; Middletown City—Middletown High; Monroe Local—Monroe High; Ross Local—Ross High. Champaign County: Graham Local—Graham High; Mechanicsburg Exempted Village—Mechanicsburg High; Triad Local—Triad High; Urbana City—Urbana High. Clark County: Clark-Shawnee Local—Clark-Shawnee High; Northeastern Local—Northeastern High; Southeastern Local—Southeastern High. Clermont County: Clermont Northeastern Local—Clermont Northeastern High; Milford Exempted Village—Milford Sr High; West Clermont Local—Amelia High; Williamsburg Local—Williamsburg High. Clinton County: East Clinton Local—East Clinton High; Wilmington City—Wilmington High. Darke County: Ansonia Local—Ansonia High; Franklin-Monroe Local—Franklin-Monroe High; Greenville City—Greenville High; Versailles Exempted Village—Versailles High. Delaware County: Delaware City—Hayes High; Olentangy Local—Olentangy High, Olentangy Liberty High. Franklin County: Columbus City—Briggs High, Columbus Alternative High, Centennial High, Eastmoor Academy, Fort Hayes High, Linden-McKinley High, Marion-Franklin High, Northland High, South Urban Academy, Whetstone High; Canal Winchester Local—Canal Winchester High; Dublin City—Dublin Coffman High; Hilliard City—Hilliard Darby High; New Albany-Plain Local—New Albany High; South-Western City—Central Crossing, Franklin Heights; Westerville City—Westerville South High; Whitehall City—Whitehall-Yearling High. Greene County: Xenia Community City—Xenia High; Xenia Christian High; Yellow Springs Exempted Village—Yellow Springs/McKinney High. Hamilton County: Cincinnati Archdiocese—Lasalle High, McAuley High, McNicholas High, Moeller High, Mother of Mercy High, Mount Notre Dame High, Seton High, St Xavier High; Cincinnati Public—Hughes Center High, Oylar High, Western Hills University High, Withrow University High; Finneytown Local—Finneytown High; Forest Hills Local—Anderson High, Turpin High; Huber Heights City—Wayne High; Indian Hill Exempted Village—Indian Hill High; Loveland City—Loveland High; Mariemont City—Mariemont High; Northwest Local—Colerain High; Norwood City—Norwood High; Southwest Local—William Henry Harrison High; Wyoming City—Wyoming High; Summit Country Day High. Hardin County: Ada Exempted Village—Ada High; Hardin Northern Local—Hardin Northern High; Ridgemont Local—Ridgemont High; Riverdale Local—Riverdale High. Highland County: Lynchburg-Clay Local—Lynchburg-Clay High. Logan County: Bellefontaine—Bellefontaine

High; Benjamin Logan Local—Benjamin Logan High; Indian Lake Local—Indian Lake High; Riverside Local—Riverside High. Madison County: Jonathan Alder Local—Jonathan Alder High; Jefferson Local—West Jefferson High; Marion County: Marion City—Harding; Pleasant Local—Pleasant High; Ridgedale Local—Ridgedale High; River Valley Local—River Valley High. Mercer County: Celina City—Celina High; Coldwater Exempted Village—Coldwater High; Marion Local—Marion Local High; Parkway Local—Parkway High. Miami County: Bethel Local—Bethel High; Piqua City—Piqua High; Troy City—Troy High. Montgomery County: Cincinnati Archdiocese—Archbishop Alter High, Chaminade-Julienne High; Dayton City—Dunbar High; Oakwood City—Oakwood High; independent—Miami Valley High. Pickaway County: Logan Elm Local—Logan Elm High; Teays Valley Local—Teays Valley High; Westfall Local—Westfall High. Preble County: National Trail Local—National Trail High; Preble-Shawnee Local—Preble Shawnee High; Tri-County North Local—Tri-County North High. Ross County: Chillicothe City—Chillicothe High; Zane Trace Local—Zane Trace High. Scioto County: Clay Local—Clay High; Columbus Catholic Diocese—Notre Dame Jr/Sr High; Green Local—Green High; Wheelersburg Local—Wheelersburg High; charter—Sciotoville/East High. Shelby County: Anna Local—Anna High; Botkins Local—Botkins High; Fairlawn Local—Fairlawn High; Ft. Loramie Local—Ft. Loramie High; Hardin-Houston Local—Houston High; Russia Local—Russia High; Sidney City—Sidney High. Union County: Marysville Exempted Village—Marysville High; North Union Local—North Union High. Warren County: Franklin City—Franklin High; Lebanon City—Lebanon High; Little Miami Local—Little Miami High; Springboro Community City—Springboro High; Wayne Local—Waynesville High.

**Ohio State Contact:** Honda-OSU Partnership Program, College of Engineering, 614-688-8574, [elearn.eng.ohio-state.edu/Honda](http://elearn.eng.ohio-state.edu/Honda). External Partners: Honda of America Manufacturing, GE Aviation.

### Marion Area Science and Engineering Fair

Ohio State Marion is host to the Marion Area Science and Engineering Fair, at which approximately 200 students exhibit science and engineering projects. The best high school projects advance to the International Science and Engineering Fair. Middle school students compete for the right to advance to the Discovery Channel Young Scientist Challenge. The Marion fair involves about 70 volunteer judges (including several faculty members from Ohio State Marion) and others. The event is organized by Science Fair Director Brian McEnnis, professor of mathematics at Ohio State Marion.

**Participating Schools:** Schools in Crawford, Delaware, Knox, Marion, Morrow, Seneca, Union, and Wyandot counties.

**Ohio State Contact:** Department of Mathematics, College of Arts and Sciences, Ohio State Marion, 614-005-6271, [academic.marion.ohio-state.edu/sciencefair/MASEF.htm](http://academic.marion.ohio-state.edu/sciencefair/MASEF.htm).

### Ohio Supercomputer Center Summer Institute

This 2-week residential program gives gifted Ohio high school students entering their sophomore, junior or senior year project-based, hands-on learning. Working in small peer teams, the students use supercomputers for practical applications such as solving complex science and engineering problems, conducting network forensics to catch hackers, studying the spread of the bird flu, and designing computer games.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Ohio Supercomputer Center, Office of Research, 614-292-0890, [si-contact@osc.edu](mailto:si-contact@osc.edu), [www.osc.edu/education/si/](http://www.osc.edu/education/si/).

### Pre-Freshman and Cooperative Education (PREFACE) Program

PREFACE is a diversity initiative of the Minority Engineering Program. This summer enrichment program is designed to help participants make a smooth transition from high school to the university and to accelerate progress through the freshman engineering curriculum. PREFACE consists of a 6-week academic component in which participants attend classes in physics, chemistry, mathematics, introduction to engineering, and English. Following the academic component, the program attempts to place students in a 6-week engineering-related job. Students may apply for the program during their senior year of high school.

**Participating Schools:** Available to all districts/schools/youth in Ohio. Open only to graduating high school seniors.

**Ohio State Contact:** Minority Engineering Program, College of Engineering, 614-292-6491, [mep.eng.ohio-state.edu/welcome/summer\\_bridge.html](http://mep.eng.ohio-state.edu/welcome/summer_bridge.html).

### WiE CHEER

Made possible through a 2009 Camille and Henry Dreyfus Special Grant in the Chemical Sciences, the Women in Engineering Program's 2010 WiE CHEER Summer Camp gave 28 female students who were going into the 9th grade the opportunity to take an in-depth look at the field of chemical engineering. Participants spent the week living in a dorm on the Ohio State campus and attended hands-on workshops put together by a group of Ohio State chemical engineering graduate students. In addition to these workshops, participants toured several Columbus-area business/corporations, including a candy factory, an ice cream factory, Ashland Inc., and a Wetlands Research Park, to learn more about the importance of chemical engineering to the real world. Throughout the week, women professionals from Ohio spoke to the participants about their careers as engineers. In the evenings, participants engaged in a variety of recreation activities designed to give them a preview of undergraduate life at Ohio State. nonrefundable \$25 application fee, and a \$295 participation fee if accepted to the program. Scholarships are available.

**Participating Schools:** Only a limited number of districts/schools/youth can be served.

**Ohio State Contact:** Women in Engineering, College of Engineering, 614-688-3118, [wie@osu.edu](mailto:wie@osu.edu), [wie.osu.edu/content/wie-race](http://wie.osu.edu/content/wie-race). External Partners: Camille and Henry Dreyfus Foundation and Ashland Chemicals.

## WiE DREAM (Discover Engineering And More)

The Ohio State Women in Engineering Program's 2010 WiE Dream took place at the university's Columbus campus on Saturday, February 27, 2010. Approximately 100 girls in grades 9-12 attended the event, which introduced participants to the many ways that engineers transform dreams into reality, enabling all of us to live longer, greener, healthier, and more exciting lives. In addition to meeting with current OSU female engineering students, participants also explored the important contributions that engineers are making right now in fields such as medicine, energy, technology, transportation, communications, and sustainability. Over the course of the event, participants engaged in a series of interactive demonstrations and fun, hands-on activities. A total of 31 female undergraduate and graduate engineering students enrolled in the Ohio State College of Engineering volunteered for the 2010 event. Volunteers helped with registration, led hands-on activities, served as panelists, chaperoned groups of participants, and so on.

**Participating Schools:** Only a limited number of districts/schools/youth can be served.

**Ohio State Contact:** Women in Engineering, College of Engineering, 614-688-3118, [wie@osu.edu](mailto:wie@osu.edu), [wie.osu.edu/content/wie-dream](http://wie.osu.edu/content/wie-dream). External Partner: Ashland.

## WiE Preview Day ( ME + WE = > YOU )

The Ohio State Women in Engineering Program's (WiE) 2010 Preview Day took place on March 12 in conjunction with the Minority Engineering Program's Preview Day. This event gave 42 female students in grade 12 the opportunity to find out more about the College of Engineering at Ohio State. All participating students had been accepted into the College of Engineering for Fall 2010, and their parents/guardians were also invited to attend this event. In addition to learning about the college's Women in Engineering Program and meeting with representatives from the engineering departments of greatest interest to them, participants were able to tour a dorm room and to talk with current female engineering students during a Mix & Mingle held at the conclusion of the event.

**Participating Schools:** Available only to female students in grade 12 who have been accepted to the Ohio State College of Engineering.

**Ohio State Contact:** Women in Engineering, College of Engineering, 614-688-3118, [wie@osu.edu](mailto:wie@osu.edu), [wie.osu.edu/content/future-students](http://wie.osu.edu/content/future-students).



## WiE RACE

Sponsored by the Honda-OSU Partnership, the Women in Engineer Program's 2010 WiE RACE Summer Camp provided 34 female and male students entering grades 10-11 with an introduction to the various engineering disciplines through hands-on activities, interactive demonstrations, lectures, and tours. Students participating in the 2010 camp were housed on the Ohio State campus and attended session organized by various departments and administrative units within the College of Engineering. In addition, participants learned about aerospace engineering from several Wright-Patterson Air Force Base employees and other engineering departments at Ohio State. They also had the opportunity to visit The OSU Airport and Honda of America. During the evenings, students engaged in recreational activities designed to give them a preview of the undergraduate experiences available at Ohio State. nonrefundable \$25 application fee, and a \$295 participation fee if accepted to the program. Scholarships are available.

**Participating Schools:** Only a limited number of districts/schools/youth can be served.

**Ohio State Contact:** Women in Engineering, College of Engineering, 614-688-3118, [wie@osu.edu](mailto:wie@osu.edu), [wie.osu.edu/content/wie-race](http://wie.osu.edu/content/wie-race). External Partner: Honda-OSU Partnership.

## WiE RISE (Respected, Involved, Skilled, Empowered)

Sponsored by the Honda-OSU Partnership, the Women in Engineering Program's 2010 WiE RISE Summer Camp provided 35 female students entering grade 12 with an introduction to the various engineering disciplines through hands-on activities, interactive demonstrations, lectures, and tours. Students participating in the 2010 camp were housed on the Ohio State campus and attended session organized by various departments and administrative units within the College of Engineering. In addition, participants spent time getting to know current Ohio State female undergraduate and graduate engineering students and engineering professionals. Participants also had the opportunity to visit area corporations and businesses to see firsthand the work that engineers do and the important role that they play in our local, regional, national, and global communities. During the evenings, students engaged in recreational activities designed to give them a preview of the undergraduate experiences available at Ohio State. nonrefundable \$25 application fee, and a \$295 participation fee if accepted to the program. Scholarships are available.

**Participating Schools:** Only a limited number of districts/schools/youth can be served.

**Ohio State Contact:** Women in Engineering, College of Engineering, 614-688-3118, [wie@osu.edu](mailto:wie@osu.edu), [wie.osu.edu/content/wie-rise](http://wie.osu.edu/content/wie-rise). External Partner: Honda-OSU Partnership.

WiE RACE summer camp.  
Photo courtesy of Women in Engineering.

## Women in Engineering Classroom Visits Program

The Women in Engineering Program (WiE) visited four different schools and homeschool groups as part of the 2009-2010 WiE Classroom Visits Program, reaching students in grades 1-12 during 8 visits. During these visits, WiE's Assistant Director for Outreach gave an age-appropriate introduction to the field of engineering and also talked with students about the opportunities available to engineering undergraduates at Ohio State. The majority of these visits concluded with a fun, hands-on activity designed to introduce the students to specific engineering areas. To provide a near-peer perspective on the importance of engineering related careers, both male and female undergraduate engineering students were invited to participate in these visits whenever possible.

**Participating Schools:** Delaware County: Olentangy Local—Tyler Run Elementary, Orange High. Franklin County: Columbus Catholic Diocese—Bishop Hartley High; Dublin City—Willard Grizzell Middle; Westerville City—Longfellow Elementary; Worthington City—Colonial Hills Elementary. Licking County: Granville Exempted Village.

**Participating Schools:** Available to schools in the Columbus area.

**Ohio State Contact:** Women in Engineering, College of Engineering, 614-688-3118, [wie@osu.edu](mailto:wie@osu.edu), [wie.osu.edu/content/wie-pre-college-programs#All](http://wie.osu.edu/content/wie-pre-college-programs#All).

## ENGLISH

### 4-H CLOVER (Catch Lots of Very Exciting Reading)

CLOVER is a 4-H literacy/reading program designed to encourage 4-H members of all ages to enjoy reading, engage in community service/volunteering, and gain knowledge related to their selected project areas. Stark County 4-H youth (ages 5-18) are eligible to enroll. Youth earn points by reading age/ability appropriate books, magazine articles, and textbook chapters on their project area(s) and their 4-H project resource manual. Reading-related community service also earns points.

**Participating Schools:** Schools in Stark County.

**Ohio State Contact:** Stark County, 4-H Youth Development, OSU Extension, [starkcountyjrfair4h.com](http://starkcountyjrfair4h.com).

### Center for the Study and Teaching of Writing High School Student Motivation and Learning with Language Arts Program

The Center for the Study and Teaching of Writing (CSTW) initiative for high school students who attend Columbus City Schools represents an In-School Writing Collaborative project with a threefold effort: (1) onsite student workshops to address reading, writing, and speaking skills, (2) strategies for enhancing literacy skills and vocabulary across content areas, and (3) onsite motivational and learning activities to encourage continued creative growth in literacy skills. CSTW has partnerships with several schools serving CCS students.

**Participating Schools:** Franklin County: Columbus City; Metro School.

**Ohio State Contact:** Center for the Study and Teaching of Writing, College of Arts and Sciences, 614-688-5865, [cstw.osu.edu/outreach/](http://cstw.osu.edu/outreach/).

## Ohio State University at Lima Creative Writing Contest for Allen County Students

More than \$1,700 is awarded each year in poetry, fiction, creative nonfiction, and art to Allen County high school students. Winning works are published in Ohio State Lima's online literary journal, Hog Creek Review, and student writers are honored at an awards ceremony at Ohio State Lima.

**Participating Schools:** Allen County: Allen East Local—Allen East High; Apollo Career Center; Bath Local—Bath High; Bluffton Exempted Village—Bluffton High; Delphos City—Jefferson High; Elida Local—Elida High; Lima City—Lima Senior High; Perry Local—Perry High; Shawnee Local—Shawnee High; Spencerville Local—Spencerville High; Toledo Catholic Diocese—Lima Central Catholic High, St. John High; Temple-Christian.

**Ohio State Contact:** Lima Writing Center, Department of English, College of Arts and Sciences, Ohio State Lima, 419-995-8261, [lima.osu.edu/hogcreekreview/HS/2010/](http://lima.osu.edu/hogcreekreview/HS/2010/).

## Summer High School Writing Camp: Adolescent Multimedia Voices

Throughout this on-campus, 1-week camp, high school students are introduced to methods of critical thinking and writing, with an emphasis on adolescent voice on social issues for personal reflection. Students work in a computer lab and use multimedia technology to create final iMovie, PowerPoint, and Audacity presentations. They work with instructors to explore many aspects of writing and learn to blog and edit text, create audio and video recordings, and download music, still images, and voiceovers to create their multimedia presentations. The camp includes a societal writing for a purpose component and offers students cash prizes for the best written, oral, and video work. There is also an on-campus field trip. Parents and friends join students for a closing ceremony on the last day to screen the presentations.

**Participating Schools:** Available to high schools in Franklin County, surrounding suburban districts, and home-schooled students.

**Ohio State Contact:** Center for the Study and Teaching of Writing, College of Arts and Sciences, 614-688-5865, [cstw.osu.edu/](http://cstw.osu.edu/).

## Summer Linguistic Institute for Youth Scholars

Summer Linguistic Institute for Youth Scholars is a week-long summer event designed for high school students interested in the study of language. There are up to three 1-week sessions held on OSU's main campus during the summer months. SLIYS is open to high school students from entering sophomores to seniors who are interested in foreign languages. The program includes activities aimed at helping participants become better students of language, including lectures, opportunities to speak with native Spanish, French, and Russian speakers, scavenger hunts, translating codes, and language games.

**Participating Schools:** Available to any districts/schools/youth.

**Ohio State Contact:** Department of Linguistics, College of Arts and Sciences, 614-688-3109, [www.ling.ohio-state.edu/sliys/](http://www.ling.ohio-state.edu/sliys/).

## FAMILY AND CONSUMER SCIENCES

### Belmont County Juvenile Drug Court Life Skills Program

Belmont County Juvenile Drug Court has contracted with OSU Extension to provide a series of monthly life skills lessons that include general nutrition, food safety, and food preparation skills, as well as conflict resolution, communication, anger management, interpersonal relationships, basic finances, careers, attitude, decision making, and problem solving. Twelve to 15 teens are enrolled.

**Participating Schools:** Schools in Belmont County.

**Ohio State Contact:** Belmont County, OSU Extension, belmont.osu.edu.

### Mini-Community

Approximately 400 sixth grade students, 450 third grade students, and 25 high school student leaders participated in the Developing Smart Money Skills for the Mini-Community program at Hillsboro City Schools. The program involves mentoring and experiential learning with each educational level. High school students completed a training program, practicing lesson plans, and learning financial information from local bankers. High school students then practiced their mentoring, teaching, and public speaking skills by helping the 4-H professionals teach money management lessons to sixth-grade social studies classes. Students learned economic concepts such as scarcity, supply and demand, opportunity cost, and running a business. With the help of high school students, sixth graders elected officers, created business products out of crafts, paid for business expenses (with pretend money), and practiced lessons to teach elementary students. On the last day of the program, all sixth-grade students, along with the high school volunteers, traveled to the elementary school to teach third-grade students interactive money management lessons and sell their business products to the third graders.

**Participating Schools:** Highland County: Hillsboro City.

**Ohio State Contact:** Highland County OSU Extension, high@postoffice.ag.ohio-state.edu, highland.osu.edu.

### Money and Investing Fundamentals

Nine library branches in the Cuyahoga County Public Library system offer a 9-week financial literacy program to youth K-10th grade. This program is funded by FINRA (Financial Industry Regulatory Authority) with support provided by OSU Extension staff. Three different age-appropriate curricula were developed for youth in grades K-2, 3-6, and 7-10. Topics covered in the program include needs versus wants, advertising, budgeting, saving, earning, and investing. Participants complete a pretest and a posttest. Participating libraries include Brook Park, Brooklyn, Garfield Heights, Maple Heights, North Olmsted, Parma-Ridge, South Euclid-Lyndhurst, Southeast, and Warrensville.

**Participating Schools:** Schools in Cuyahoga County.

**Ohio State Contact:** Cuyahoga County, OSU Extension, cuya@ag.osu.edu. External Partners: Cuyahoga County Public Library, Financial Industry Regulatory Authority.

### Personal Financial Education

Personal Financial Education is conducted with high school students to assist them in understanding the various aspects of financial responsibility they will have as adults functioning in society. The curriculum from the National Endowment for Financial Education is used to teach students about bank services, financial markets, debt, credit, and budgeting.

**Participating Schools:** Vinton County: Vinton County Local—Vinton County High.

**Ohio State Contact:** Vinton County, 4-H Youth Development, OSU Extension, 740-596-5212, vinton.osu.edu.

### Real Money, Real World

Real Money, Real World is a signature program of OSU Extension. The program teaches youth money management skills and helps them to understand why they need to get a good education. It also helps them to understand how their life choices will influence their income and ability to provide for themselves. This simulation teaches students the basics of balancing a checkbook, how to manage a budget, the value of money, how to track money and develop a spending plan, and the responsibilities of saving. Students investigate how career choices can be influenced by education and other factors, learn skills needed to manage finances, and gain knowledge of how critical decisions affect family living in this simulation activity. Students are given occupations based on their educational plans after high school and monthly salaries equivalent to the average monthly salary in that occupation. They spend their salaries on the necessities and luxuries they envisioned as part of the adult lifestyle. Students begin to realize the impact of their immediate academic studies, their future goal choices, and the importance of education to their ability to succeed in the adult world.

**Participating Schools:** Schools in Adams, Allen, Ashland, Ashtabula, Athens, Auglaize, Brown, Butler, Champaign, Clark, Clermont, Clinton, Columbiana, Crawford, Cuyahoga, Darke, Defiance, Delaware, Erie, Fairfield, Fayette, Franklin, Fulton, Gallia, Geauga, Greene, Hamilton, Hancock, Hardin, Harrison, Henry, Highland, Holmes, Jackson, Jefferson, Knox, Lake, Licking, Logan, Lorain, Lucas, Madison, Mahoning, Medina, Meigs, Mercer, Miami, Monroe, Montgomery, Morrow, Muskingum, Noble, Perry, Pickaway, Portage, Preble, Putnam, Richland, Ross, Sandusky, Scioto, Shelby, Stark, Summit, Trumbull, Tuscarawas, Union, Vinton, Warren, Washington, Wayne, Williams, Wyandot counties.

**Ohio State Contact:** Family and Consumer Sciences, OSU Extension, 419-231-6085, realmoneyrealworld.osu.edu.

## Youth Educational Shoplifting (YES)

The OSU Extension Hocking County Family and Consumer Sciences Program cooperated with the Hocking County Juvenile Court to offer Youth Educational Shoplifting (YES) classes. Developed by the National Association of Shoplifting Prevention, the educational program is designed to help youth understand why they shoplifted and how to avoid doing it again in the future. To fulfill the program requirements youth must complete 5–6 hours of homework and participate in the 6-hour class.

**Participating Schools:** Schools in Hocking County.  
**Ohio State Contact:** Hocking County, OSU Extension, hocking.osu.edu.

## FOREIGN LANGUAGES

### Collaborative Articulation and Assessment Project

The Collaborative Articulation and Assessment Project (CAAP) is a creative, action-oriented articulation project designed to address the problems typically associated with the language learner's transition from high school to postsecondary foreign language instruction. COLLABORATIVE refers to the collective effort of high school and college instructors to create a core curriculum and a common set of instructional objectives for students at each stage of a four-level language program. ARTICULATION ensures that students move smoothly through a course of study, from one level to the next. It addresses the problems that students encounter when they make transitions between high school courses and the college classroom. ASSESSMENT measures give students an indication of their potential university course placement. Listening, speaking, reading, and writing tests provide feedback to high school students and their teachers about general performance levels across the state and each individual's progress toward common curricular goals. More than 100 schools from all over Ohio participate regularly in the assessments, focus groups, and workshops. The CAAP project provides teachers and students around the state of Ohio and in the city of Columbus with information regarding the students' potential placement in a university's foreign language program. The assessments measure each student in four skill areas: reading, writing, speaking, and listening. The CAAP project also serves as a central point of communication and collaboration between urban schools, private schools, and public schools throughout Ohio.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Foreign Language Center, College of Arts and Sciences, 614-292-4137, caap.osu.edu. External Partner: Ohio Board of Regents.

### German 104 Dual Enrollment Program

As part of the Post Secondary Enrollment Option program, high school students can enroll in German 104.01 and earn 5 hours of college credit.

**Participating Schools:** Franklin County: Hilliard City—Hilliard Davidson High.

**Ohio State Contact:** Department of Germanic Languages and Literatures, College of Arts and Sciences, 614-292-6985, germanic.osu.edu.

## K-12 Chinese Flagship Program

Funded by the National Security Education Program, the K-12 Chinese Flagship Program is interested in supporting any school in Ohio that is offering or plans to offer Chinese language and provides more support to selected partner schools. The goal is to build the infrastructure for Ohio schools to establish successful language programs leading to solid communication skills in Mandarin Chinese. The program is developing partnerships in Ohio and beyond to achieve objectives that include the following: developing performance-based curriculum, providing teacher support and ongoing professional development, and creating a technology support system with effective Chinese language programs. With StarTalk support, Chinese Summer Day Camps are offered to students in multiple metro areas (in Cincinnati, Cleveland, Columbus, and Dayton in June 2010). The camp and teacher development are operated by the K-12 Chinese Flagship and Department of East Asian Languages and Literatures.

**Participating Schools:** Cuyahoga County: Beachwood City—Beachwood High; Shaker Heights City—Shaker Heights High; Polaris Career Center. Franklin County: Columbus Catholic Diocese; Gahanna-Jefferson City—Gahanna South Middle, Gahanna Lincoln High; Metro School. Greene County: Beavercreek City—Beavercreek High. Hamilton County: Sycamore Community City—Sycamore High. Montgomery County: Miami Valley High. Tuscarawas County: Dover City—Dover High.

**Ohio State Contact:** Foreign Language Center, College of Arts and Sciences, 614-292-0460 or 614-292-0577; k12chineseflagship.osu.edu/. Ohio State Partner: Department of East Asian Languages and Literatures, College of Arts and Sciences.

## Summer Linguistic Institute for Youth Scholars

Summer Linguistic Institute for Youth Scholars is a week-long summer event designed for high school students interested in the study of language. There are up to three 1-week sessions held on OSU's main campus during the summer months. SLIYS is open to high school students from entering sophomores to seniors who are interested in foreign languages. The program includes activities aimed at helping participants become better students of language, including lectures, opportunities to speak with native Spanish, French, and Russian speakers, scavenger hunts, translating codes, and language games.

**Participating Schools:** Available to any districts/schools/youth.

**Ohio State Contact:** Department of Linguistics, College of Arts and Sciences, 614-688-3109, www.ling.ohio-state.edu/sliys/.

## GLOBAL EDUCATION

### Chinese Culture Boxes

The Institute for Chinese Studies has several boxes that can be borrowed for use in schools, libraries, and community organizations for up to 2 weeks. The boxes contain information and lessons about Chinese history, language, art, culture, toys, and games and include Chinese artifacts such as a puppet kit, music CD, abacus, books, and Chinese chess set. Smaller kits are available that contain the artifacts and information for one particular subject or activity. Although materials in the box may be used for display purposes, students are welcome to handle any of the items. The Institute for Chinese Studies will mail the box or separate kits free of charge directly to the school or organization wishing to use the items. They must be returned at the expense of the borrower.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Institute for Chinese Studies, Office of International Affairs, 614-688-4253, china@osu.edu, ics.osu.edu/k\_12.html.

### Eastern European, Russian, and Central Asian Themed STEM Box

The Center for Slavic and East European Studies offers STEM boxes with information and presentation materials on historically important scientists and inventors from Eastern Europe, Russia, and Central Asia. The box includes power point presentation files, videos and books on Nikola Tesla, Marie Curie, Ulugh Beg, Copernicus, and Ivan Pavlov. In addition, the box includes fact sheets, books, and activities on time zones and Russian biomes. The box is ideal for students up to the eighth grade.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Center for Slavic and Eastern European Studies, Office of International Affairs, 614-292-8770, csees@osu.edu, slaviccenr.osu.edu.

### Global Education Resources

The Office of International Affairs (OIA) provides global education outreach resources to preschool through college (P-16) educators, as well as businesses, state and local government, civic organizations, and the community at large, by promoting a variety of programs and activities on and off campus, in Columbus and around the state of Ohio. The goals are to advance and communicate Area Studies knowledge and global understanding, facilitate and enhance learning of foreign languages and culture, promote knowledge about other parts of the world and Ohio's integration with the world, and promote understanding of diverse perspectives. International Education Outreach shares resources for P-12 educators with the Area Studies Centers and the foreign languages departments at The Ohio State University. These resources include film loan libraries, see the Center for Slavic and East European Studies (<http://slaviccenter.osu.edu/>), the East Asian Studies Center (<http://easc.osu.edu/>), and the Middle East Studies Center (<http://mesc.osu.edu/>). OIA also accommodates schools on campus for international education visits; to inquire about visits, e-mail outreach@oia.osu.edu.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Office of International Affairs, outreach@oia.osu.edu, oia.osu.edu/international-education-outreach.html.

### Global School Bus

The Global School Bus program taps into the knowledge, experience, and expertise of international students and scholars, study abroad alumni, faculty, and staff with international cultural experiences. The Office of International Affairs has a large pool of speakers who are proficient at engaging a variety of age groups and leading activities to help students learn about other countries and their cultures. They come prepared with materials and relevant artifacts to engage students in the learning process. Teachers may request speakers from the Office of International Affairs international education outreach program by e-mailing outreach@oia.osu.edu. Speakers must be requested at least 2 weeks prior to the date of the event.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Office of International Affairs, outreach@oia.osu.edu, oia.osu.edu/international-education-outreach/speakers-bureau.html.

### International Education Week

International Education Week, celebrated every year in November, is an opportunity to highlight the benefits of international education and student exchange worldwide. The Office of International Affairs (OIA) and its five Area Studies Centers collaborate with the Ohio Department of Education to engage K-12 students in international learning opportunities. This joint initiative is part of efforts to promote programs that prepare students for a global environment and advance knowledge about other parts of the world. Learning ideas are available at <http://oia.osu.edu/international-education-outreach/>.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Office of International Affairs, outreach@oia.osu.edu, oia.osu.edu/international-education-week.html.

### Japan Culture Boxes

The Institute for Japanese Studies, in cooperation with the Japan-America Society of Central Ohio, offers Japan Culture Boxes that can be borrowed for use in schools, libraries, and community organizations for up to 2 weeks. Each box contains an array of items from Japan such as clothing, traditional toys, maps, postcards, cooking utensils, and various other materials. The box also contains a description and background information for each item. Although materials in the box may be used for display purposes, students are welcome to handle any of the items. The Institute for Japanese Studies will mail the box free of charge directly to the school or organization wishing to use the box. The box must be returned at the expense of the borrower.

**Participating Schools:** Available to all districts/schools/youth, libraries, and organizations in Ohio.

**Ohio State Contact:** Institute for Japanese Studies, Office of International Affairs, 614-292-3345, jasco@osu.edu, japan.osu.edu/culture\_box\_program.html.

## Passport to China Speakers Program

The Institute for Chinese Studies has a group of volunteers who conduct workshops or presentations that will give participants a virtual tour of China through fun, hands-on activities. The program can be adapted for various ages, classes, and group sizes. The program is free, but in some cases, there may be a small charge to cover the cost of materials or transportation.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Institute for Chinese Studies, Office of International Affairs, 614-247-6893, china@osu.edu, ics.osu.edu/k\_12.html.

## Passport to Japan Program

The Institute for Japanese Studies, in conjunction with the Japan-American Society of Central Ohio, has a group of volunteers who give presentations about Japan. These volunteers will come to classrooms to conduct workshops or presentations that will give participants a virtual tour of Japan through fun, hands-on activities. The program can be adapted for various ages, classes, and group sizes. The program is free, but there may be a small charge to cover the cost of materials or transportation.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Institute for Japanese Studies, Office of International Affairs, 614-292-3345, jasco@osu.edu, japan.osu.edu/passport\_program.html.

## Slavic Studies In-school Presentations and Artifact Boxes

The Center for Slavic and East European Studies offers presentations by experts on Central and Eastern Europe, Russia, the Caucasus, and/or Central Asia. Members of the Outreach Team (graduate students, university professors, and native speakers who are experts in the region) are available, free of charge, to come to schools to give presentations on a number of topics. The teams are prepared with interactive presentations and hands-on activities for students of all ages. Culture Boxes contain hands-on objects to teach about Russia, Eastern Europe, and Central Asia. These boxes can be rented, free of charge, for a 2-week period. They contain visual aids to help teach about Russia, Eastern Europe, and Central Asia.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Center for Slavic and Eastern European Studies, Office of International Affairs, 614-292-8770, csees@osu.edu, slaviccenr.osu.edu/teachers\_inschool.html.

## Summer Linguistic Institute for Youth Scholars

Summer Linguistic Institute for Youth Scholars is a week-long summer event designed for high school students interested in the study of language. There are up to three 1-week sessions held on OSU's main campus during the summer months. SLIYS is open to high school students from entering sophomores to seniors who are interested in foreign languages. The program includes activities aimed at helping participants become better students of language, including lectures, opportunities to speak with native Spanish, French, and Russian speakers, scavenger hunts, translating codes, and language games.

**Participating Schools:** Available to any districts/schools/youth.

**Ohio State Contact:** Department of Linguistics, College of Arts and Sciences, 614-688-3109, www.ling.ohio-state.edu/sliys/.

## HEALTH, FITNESS, AND SAFETY

### 4-H CARTEENS

4-H CARTEENS is a traffic safety program for first-time juvenile traffic offenders. The CAR stands for Caution and Responsibility, and TEENS refers to the teenagers who help prepare and present the program. In CARTEENS programs, 4-H teen leaders teach traffic education safety programs to first-time teen traffic offenders, while building offenders' self-esteem and interpersonal skills. Teen traffic offenders attending this program have typically been cited for speeding, stop sign violations, reckless operation, and similar moving violations. CARTEENS program topics include excessive speed, driving under the influence, seat belt safety use, consequences of unsafe decisions, dealing with peer pressure, understanding traffic laws, and recognizing and reacting to traffic signs and signals. Data collected from 4-H CARTEENS participants indicate a significant reduction in second-time traffic offenses, increased use of safety belts, reduced drinking and driving, and an increased use of caution when driving. More than 80% of the participants in a recent survey said they planned to use more caution when driving and will increase their use of seat belts. \$15-\$50 per student.

**Participating Schools:** Available to all districts/schools/youth in Ohio. Not offered in every county.

**Ohio State Contact:** 4-H Youth Development, OSU Extension, 614-247-8144, www.ohio4h.org/youth/carteens.html. External Partner: State Farm.

### Adapted Recreational Sports Programs

Recreational Sports offers adapted swimming and gymnastics for children with disabilities, ages 4-16; 1 lesson a week for 7 weeks per quarter. Program staff participated in Special Education Outreach Fairs in the Dublin and South-Western city school districts to showcase adapted recreation programs to parents.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Recreational Sports, Office of Student Life, 614-688-3693, www.recsports.osu.edu/community-programs.

### ATV Safety Institute Riders Course Workshops

Providing education to reduce accidents and injuries is the goal of the ATV Safety Institute Riders Course Workshops. As of December 2009, a total of 42 Mercer County youth ages 9-15 have successfully completed the 4-hour hands-on learning course. Partnering with the Mercer County Sheriff's Department and Ultimate Power Sports of Celina, youth were engaged in both classroom instruction and practicing riding skills. Participants and parents noted that new material was learned and safety precautions were reinforced as a result of their attendance. The project is supported by a grant from Honda.

**Participating Schools:** Schools in Mercer County.

**Ohio State Contact:** Mercer County, OSU Extension.

## Central Ohio ThinkFirst Chapter

In 2008, the OSU Medical Center injury prevention program completed 122 presentations to 2,849 youth, 2,580 teens, and 2,965 adults. For K-5 students, programs addressed traffic, playground, sports, bicycle, school bus, pedestrian, and water safety and safety around guns/knives. For 6th-8th grades, topics included traffic and sports safety, effects of drugs/alcohol, bullying & safety around guns/knives. Teens in grades 9-12 learned about traffic safety, distracted driving, underage drinking, making positive choices, safety around guns/knives, and pedestrian safety. A VIP (Voice for Injury Prevention—former trauma patient) also speaks to the audience, sharing personal experience of how life has changed as a result of making a poor choice. Partners include 4-H CarTeens and the Juvenile Courts mandating teen and parent participation as part of their restitution; Mayor's Courts of New Albany, Dublin, and Upper Arlington; the Fatality Review Board for Franklin County; and SafeKids and SafeCommunities. The chapter is funded by the OSUMC Trauma Department.

**Participating Schools:** Delaware County: Delaware City—Rutherford B. Hayes High. Fairfield County: Pickerington Local—Tussing Elementary, Pickerington Central High. Franklin County: Bexley City—Bexley Middle; Columbus Catholic Diocese—Trinity Elementary; Columbus City—Avalon Elementary, Brookhaven High, Centennial High, Columbus Alternative High, Eastmoor Academy, Independence High, Walnut Ridge High, West High; Gahanna-Jefferson City—Gahanna Lincoln High; Hamilton Local—Hamilton Township High; South-Western City—Franklin Heights High, Grove City High; Upper Arlington City—Jones Middle; Westerville City—Westerville Central; Worthington City—Colonial Hills Elementary, Thomas Worthington High; independent—Grace Christian Academy; Redeemer Lutheran Elementary. Marion County: Marion City—Harding High.

**Ohio State Contact:** University Hospitals, Trauma/PM&R, OSU Medical Center, 614-293-3021, [www.thinkfirst.org/home.asp](http://www.thinkfirst.org/home.asp).

## Generation Rx Initiative

This learning community involves more than 70 Ohio State students, faculty, and staff members from the College of Pharmacy, Student Wellness Center, and Counseling & Consultation Services. Their goal is to enhance student understanding of medication safety issues, particularly the dangers of abusing prescription and nonprescription medications. A website includes links to helpful resources as well as downloadable materials relevant to elementary, middle school, high school, and college students. This group has partnered with other institutions (K-12 and collegiate) to offer presentations, workshops, and other resources for students and teachers. The focus is K through college, but other community programs and partnerships are involved as well. In 2010, seven first-year PharmD students provided an over-the-counter medication safety workshop for approximately 150 eighth graders in Pickaway County. The program focused on issues relating to the abuse of dextromethorphan products. The students presented basic information, performed a skit, and led the eighth graders in the production of skits and posters relating to this problem.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** College of Pharmacy, 614-292-2492, 614-292-4717, and 614-688-5951, [generationrx@pharmacy.ohio-state.edu](mailto:generationrx@pharmacy.ohio-state.edu), [www.pharmacy.ohio-state.edu/outreach/generation-rx/](http://www.pharmacy.ohio-state.edu/outreach/generation-rx/). Ohio State Partner: Student Wellness Center, Counseling & Consultation Services, Office of Student Life.

## Health Rocks

Health Rocks, a series of healthy decision-making educational programs, was provided in both the county and city school systems in Gallia County. Trained teen presenters taught elementary age students a variety of lessons on living healthy and making good decisions. In Meigs County, Teen Leaders contributed 150 service hours as Health Rocks Teen Mentors in the after-school programs. The teens taught and mentored school-age youth about making positive decisions about drugs, alcohol, and tobacco in a 6-week program.

**Participating Schools:** Gallia County: Gallia County Local, Gallipolis City. Meigs County: Eastern Local, Meigs Local, Southern Local.

**Ohio State Contact:** Meigs County, OSU Extension, 740-992-6696, [gallia.osu.edu](http://gallia.osu.edu), [meigs.osu.edu](http://meigs.osu.edu).

## Learning in Fitness and Education through Sports (LiFE Sports)

Learning in Fitness and Education through Sports (LiFE Sports) is designed to foster social competence among youth through their involvement in sport, fitness, and educational activities. This youth development initiative is built upon a historical community outreach program operating at Ohio State (National Youth Sport Program). The program serves approximately 600 predominately urban and underserved youth from the greater Columbus area during a 4-week summer day camp. Campers participate in a variety of sport and education activities throughout each day, which are infused with curriculum targeting the development and enhancement of social competence (i.e., self-control, effort, teamwork, and social responsibility). Campers have the opportunity for daily interaction with Ohio State students, student-athletes, and teachers from the community; transportation to and from camp; and breakfast and lunch. Sports clinics are also provided to youth six times throughout the academic year at Boys and Girls Club of Columbus sites and the Ohio State University campus. The LiFE Sports team also partners with Undergraduate Admissions and First Year Experience, the P-12 Project and Economic Access Initiative to provide participants with college access and career exploration activities. The LiFE Sports program is supported in part by an Excellence in Engagement grant from the Office of University Outreach and Engagement.

**Participating Schools:** Schools in Franklin County.

**Ohio State Contact:** College of Social Work, 614-292-6934, [www.osulifesports.org](http://www.osulifesports.org). Ohio State Partners: Department of Athletics, P-12 Project, Office of Academic Affairs; School of Physical Activities and Educational Services, College of Education and Human Ecology; Office of Undergraduate Admissions and First Year Experience, Economic Access Initiative, Office of Academic Affairs; Department of Recreational Sports, Office of Student Life. External Partner: Boys and Girls Club of Columbus.

LiFE Sports participants. Photo: Cindy Overly.



## Pills, Potions, and Poisons

This 2-week day camp open to high school students provides students with an overview of pharmacology and its relationship to health, disease, and society. Students engage in lab experiments, projects, and field trips to understand how both medicinal and illicit drugs act in the body. Students are also exposed to potential careers in the pharmaceutical sciences.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** College of Pharmacy, 614-688-5951, [pharmacy.osu.edu/summer\\_course/](http://pharmacy.osu.edu/summer_course/). External Partner: PAST Foundation.

## Road Trip: Life—Navigating Your Future

Road Trip: Life—Navigating your Future includes all freshman and sophomore girls from seven school districts, reaching 573 participants. This interactive, day-long event includes sessions on smart dating, safe relationships, stress management, exercise, nutrition, and health. A \$10,000 grant from Community Foundations, Inc. sponsored this effort.

**Participating Schools:** Belmont County: Barnesville Exempted Village, Bellaire Local, Bridgeport Exempted Village, Martins Ferry City, Shadyside Local, St. Clairsville-Richland City, Union Local.

**Ohio State Contact:** Belmont County, OSU Extension, [belmont.osu.edu](http://belmont.osu.edu).

## To the Garden We Grow

A horticulture-based nutrition education program, To the Garden We Grow is an expansion of Youth EFNEP and a multidisciplinary effort between the health and nutrition and community garden/horticulture program areas of OSU Extension. This interactive, 6-week series focuses on core nutrition topics that are applicable to horticulture, gardening and environmental concepts. As part of this program, youth participants are exposed to the following subject areas: building a healthy base using MyPyramid for Kids and composition of soil; germination; identification of plant parts; proper seeding of a plant (through this program, youth have the opportunity to grow their own vegetables); fruits and vegetables; whole grains; protein sources; worm composting; hydration; recycling; food safety/hand washing; and good bugs versus bad bugs in the garden. The curriculum is adaptable to a variety of age groups and settings, although access to a garden site is paramount to the success of the program. Each session also includes 15 minutes of group physical activity and 15 minutes of garden exploration. A taste test of a fresh fruit or vegetable is also part of every lesson.

**Participating Schools:** Schools in Cuyahoga County. Districts, community sites, or early childcare sites serving limited-resource youth (at least 51% of the youth must qualify for free or reduced price school lunch/breakfast).

**Ohio State Contact:** Cuyahoga County, OSU Extension, [cuya@ag.osu.edu](mailto:cuya@ag.osu.edu).

## Wyandot County DocuDrama

Eleven juniors and seniors from three local high schools role-played in the Wyandot County DocuDrama last year. A total of 650 students from three school districts attended the mock accident presented prior to local proms and graduations. The DocuDrama involved more than 100 volunteers from 37 different agencies and organizations.

**Participating Schools:** Wyandot County: Carey Exempted Village, Mohawk Local, USEVS Exempted Village.

**Ohio State Contact:** Wyandot County, OSU Extension, 419-294-4931.

## INTERNSHIPS

### Byrd Polar Research Center Internships for Metro School Students

Byrd Polar Research Center provided internship opportunities for four juniors from The Metro School. The students came to BPRC for 2 hours per day, 4 or 5 days per week in autumn and winter terms. Two of the students studied the impacts of climate change on penguin populations. Another created a poster to illustrate the rate of change in the Jakobshavn glacier of western Greenland. The fourth student observed a graduate-level class in Paleoclimatology, taught by Dr. Lonnie Thompson, a world-renowned glaciologist. The student prepared a presentation about the information that can be gained from the study of ice cores from Peru.

**Participating Schools:** Franklin County: Metro School.

**Ohio State Contact:** Byrd Polar Research Center, Office of Research, 614-688-8279, [bprc.osu.edu/education/](http://bprc.osu.edu/education/).

### Columbus Alternative High School (CAHS) Intern Program

The Fisher College of Business Office of Minority Student Services has sponsored a student intern from the CAHS every year since 1998. Each week, interns participate for a full day in hands-on work and career exploration experiences. Students earn 0.5 credit per year. The program demonstrates how community resources can offer an important supplement to the school's curriculum and increases the quality and intensity of the student's individualized courses of study. It also strengthens the ties between the public schools and the university.

**Participating Schools:** Franklin County: Columbus City—Columbus Alternative High.

**Ohio State Contact:** Office of Minority Student Services, Fisher College of Business, 614-292-1017.

### Columbus City Schools Internship Program 124 124

Students come to the Ohio State University Medical Center 1 day per week to intern in various departments of the hospital. The internship runs during the school year; there are typically 3-5 students per year.

**Participating Schools:** Franklin County: Columbus City—Columbus Alternative High.

**Ohio State Contact:** Volunteer Services, OSU Medical Center, 614-293-8653.

## Columbus Teaching Academy

The Columbus Teaching Academy is a 1-year program designed specifically for high school seniors considering a career in education. Students are assigned internships in upper elementary, middle school, and/or special education classes, enabling them to work with various age levels and subject areas. Afternoon classes are held at The Ohio State University, providing a rich opportunity for students to enjoy the college setting, interact with college professors, and learn from current university students. Students who receive a grade of B or above for the year-long will receive college credit for 4 hours of credit of EDU PAES 289.01, First Education Experience Program and for 2 hours of ASC 338.02, Professional Pathways in Urban Education. Columbus Teaching Academy is a joint project of Columbus City Schools and The Ohio State University. Each partner contributes in-kind or cash funds to the partnership.

**Participating Schools:** Franklin County: Columbus City high schools.

**Ohio State Contact:** Office of Academic Affairs, 614-444-6134, [asccommunitypartnerships.osu.edu/TeachingAcademy.cfm](http://asccommunitypartnerships.osu.edu/TeachingAcademy.cfm). Ohio State Partners: College of Education and Human Ecology, Economic Access Initiative (Office of Academic Affairs). External Partners: Columbus City Schools, Ohio Department of Education.

## John Glenn School of Public Affairs High School Internship Program

The John Glenn School of Public Affairs High School Internship Program is a unique public service internship program that allows high school students in the Winter quarter of their senior year to gain first-hand experience within organizations in the public service sector. Students also participate in an academic seminar at The Ohio State University that reinforces their internship experience. Internship placement locations have included the Statehouse, the Governor's office, the courts, state agencies, nonprofit organizations, and the media.

**Participating Schools:** Schools in central Ohio.

**Ohio State Contact:** John Glenn School of Public Affairs, 614-247-2512, [highschool@jgippm.ohio-state.edu](mailto:highschool@jgippm.ohio-state.edu), [glennschool.osu.edu/programs/hsip/](http://glennschool.osu.edu/programs/hsip/).

## OARDC Research Internships Program

OARDC Research Internships Program (ORIP) is a summer research internship program targeted to provide research experiences for incoming junior and senior high school students and undergraduates. The goal of this faculty-driven program is to substantially expand research opportunities to area students and to significantly enhance their interest in science, technology, engineering, and mathematics by inculcating critical thinking skills through rigorous laboratory and field-based research experiences, seminars, group discussions, and symposia. All selected students receive stipends and all students completing the requirements of the program receive certificates indicating their participation and successful completion of the program as AgBioscience Summer Scholars. After 10 weeks of intensive scientific research alongside renowned Ohio State University scientists, 194 high-school and undergraduate students have completed the program over the past three years, engaging in projects dealing with fields as diverse as environmental studies, biofuels, molecular and cellular biology, entomology, plant breeding and physiology, urban agriculture, and animal

and plant diseases. Results from some of the student research projects have already been published in peer-reviewed international journals with 15 students being named as authors on these papers.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Ohio Agricultural Research and Development Center, college of Food, Agricultural, and Environmental Sciences, 330-263-3963, [oardc.osu.edu/orip/](http://oardc.osu.edu/orip/). Ohio State Partner: OSU Extension. External Partners: GAR Foundation, Ashland Bioscience Consortium.

## Operation Brightside T.E.E.N. (Teenage Education and Employment Now)

This 6-week internship program is designed to identify, support, encourage, and influence African-American youth through traditional and nontraditional methods of positive reinforcement. The mission of OBT is to provide meaningful subsidized summer internships for Franklin County high school students in order to enhance social and academic development, and provide an opportunity for career exploration. Eligible applicants must be a 10th-, 11th-, or 12th-grade Franklin County resident aged 15-17 at time of application; show proof of 2.0 GPA; and be available to participate in the entire 6-week program (including closing recognition). The Fisher College of Business Office of Minority Student Services has sponsored a high school student intern from OBT every year since 1999.

**Participating Schools:** Public school districts in Franklin County. **Ohio State Contact:** Office of Minority Student Services, Fisher College of Business, 614-292-1017, [www.cul.org/educ-2009%20OBT.aspx](http://www.cul.org/educ-2009%20OBT.aspx). External Partner: Columbus Urban League.

## Polar Meteorology Group Internships

Internships with the Polar Meteorology Group are available for qualified high school students with an interest in meteorology and a strong background in science and mathematics.

**Participating Schools:** 1-2 students in the Columbus area.

**Ohio State Contact:** Byrd Polar Research Center, Polar Meteorology Group, Office of Research, 614-292-6692, [polarmet.mps.ohio-state.edu/](http://polarmet.mps.ohio-state.edu/).

## Science at the Polar Frontier

This project enables high school students at both the Metro School and Zoo School to collaborate on the development of programming for the new Polar Frontier exhibit at the Columbus Zoo & Aquarium (CZA). Aaron Wilson, a Master's degree student at the Byrd Polar Research Center, has developed graphics that illustrate the extent of sea ice in the Arctic and the surface temperature in the Arctic Polar Region. Students at Metro and the Zoo School will present information related to those graphics and other changes in the Arctic environment to the public at selected events, and work with docents at the CZA. The project was funded by an Excellence in Engagement grant from the Office of University Outreach and Engagement.

**Participating Schools:** Franklin County: Columbus Zoo School, Metro School.

**Ohio State Contact:** Byrd Polar Research Center, Office of Research, 614-688-8279, [bprc.osu.edu/education/](http://bprc.osu.edu/education/). External Partners: Columbus Zoo & Aquarium, Battelle.

## Student Life Student Internship Program

Student Life Human Resources' Student Internship Program is a collaboration with Columbus City Schools (CCS) that addresses seasonal staffing needs within the Office of Student Life. Begun in 2001, the program requires 120 community service/internship hours for each graduating high school senior. In conjunction with the High School and Career Education Curriculum Development and Instructional Support Department of CCS, a program is planned that incorporates a prescreened candidate pool, full-time work experience (10 weeks/40 hours per week), competitive student wages, postsecondary educational programming (during paid release time), internship coordinator consultations (onsite and telephone), free uniforms, and CCS internship/community service credit. Student work schedules are adjusted to allow for 35 hours of work time and 5 hours of academic enrichment seminars each week. The Student Wellness Center provides education about sexual harassment, personal safety, and risk reduction.

**Participating Schools:** Franklin County: Columbus City.  
**Ohio State Contact:** Human Resources, Office of Student Life, 614-292-4527.

## Teaching Professions Academy

The Teaching Professions Academy is offered through Tri-Rivers Career Center in partnership with Ohio State Marion to introduce students to careers in the field of education. The academy provides insight into the teaching profession by allowing students an opportunity for an extended classroom internship with cooperating teachers. As students gain experience in classroom settings, they compile a portfolio and/or project reflecting their overall internship and seminar participation. This is a half-day program that counts as a 3-hour high school credit. Academic classes are at the associate school and the seminar days are housed at Ohio State Marion. Students have access to the library and computer labs and get a view of campus life.

**Participating Schools:** Marion County: Elgin Local, Marion City, Pleasant Local, Ridgedale Local, River Valley Local. Morrow County: Cardington-Lincoln Local, Highland Local, Mount Gilead Exempted Village. Union County: North Union Local.  
**Ohio State Contact:** School of Teaching and Learning, College of Education and Human Ecology, Ohio State Marion, 740-725-6342, [tririvers.com/career-center-high-school/career-programs/teaching-professions-academy](http://tririvers.com/career-center-high-school/career-programs/teaching-professions-academy).

## MATHEMATICS

### Honda-Ohio State Partnership Math Medal Award and Scholarship Program

The award recognizes and honors achievements in mathematics courses throughout high school. Nearly 200 high school seniors in central and southwestern Ohio received the Honda-OSU Math Medal award in 2009. The central region math medal award marked its sixth year of recognizing math scholarship, while the southwest region's 66 seniors became the inaugural class to receive the award, which expanded into 16 counties in the Dayton and Cincinnati area for the Class of 2010. The math medal award comes with a \$2,500 scholarship opportunity at Ohio State's College of Engineering for the 2010-2011 academic year.

**Participating Schools:** Allen County: Allen East Local—Allen East High; Bath Local—Bath High; Bluffton—Bluffton High; Elida

Local—Elida High; Delphos City—Jefferson; Lima City—Lima Senior High, Perry Local—Perry High; Shawnee Local—Shawnee; Spencerville Local—Spencerville. Auglaize County: Minster Local—Minster High; New Bremen Local—New Bremen High; New Knoxville Local—New Knoxville High; Wapakoneta City—Wapakoneta High. Brown County: Georgetown Exempted Village—Georgetown Jr/Sr High. Butler County: Cincinnati Archdiocese—Stephen T. Badin High; Edgewood City—Edgewood High; Lakota Local—Lakota East High, Lakota West High; Madison Local—Madison Jr/Sr High; Middletown City—Middletown High; Monroe Local—Monroe High; Ross Local—Ross High. Champaign County: Graham Local—Graham High; Mechanicsburg Exempted Village—Mechanicsburg High; Triad Local—Triad High; Urbana City—Urbana High. Clark County: Clark-Shawnee Local—Clark-Shawnee High; Northeastern Local—Northeastern High; Southeastern Local—Southeastern High. Clermont County: Clermont Northeastern Local—Clermont Northeastern High; Milford Exempted Village—Milford Sr High; West Clermont Local—Amelia High; Williamsburg Local—Williamsburg High. Clinton County: East Clinton Local—East Clinton High; Wilmington City—Wilmington High. Darke County: Ansonia Local—Ansonia High; Franklin-Monroe Local—Franklin-Monroe High; Greenville City—Greenville High; Versailles Exempted Village—Versailles High. Delaware County: Delaware City—Hayes High; Olentangy Local—Olentangy High, Olentangy Liberty High. Franklin County: Columbus City—Briggs High, Columbus Alternative High, Centennial High, Eastmoor Academy, Fort Hayes High, Linden-McKinley High, Marion-Franklin High, Northland High, South Urban Academy, Whetstone High; Canal Winchester Local—Canal Winchester High; Dublin City—Dublin Coffman High; Hilliard City—Hilliard Darby High; New Albany-Plain Local—New Albany High; South-Western City—Central Crossing, Franklin Heights; Westerville City—Westerville South High; Whitehall City—Whitehall-Yearling High. Greene County: Xenia Community City—Xenia High; Xenia Christian High; Yellow Springs Exempted Village—Yellow Springs/McKinney High. Hamilton County: Cincinnati Archdiocese—Lasalle High, McAuley High, McNicholas High, Moeller High, Mother of Mercy High, Mount Notre Dame High, Seton High, St. Xavier High; Cincinnati Public—Hughes Center High, Oyster High, Western Hills University High, Withrow University High; Finneytown Local—Finneytown High; Forest Hills Local—Anderson High, Turpin High; Huber Heights City—Wayne High; Indian Hill Exempted Village—Indian Hill High; Loveland City—Loveland High; Mariemont City—Mariemont High; Northwest Local—Colerain High; Norwood City—Norwood High; Southwest Local—William Henry Harrison High; Wyoming City—Wyoming High; Summit Country Day High. Hardin County: Ada Exempted Village—Ada High; Hardin Northern Local—Hardin Northern High; Ridgemont Local—Ridgemont High; Riverdale Local—Riverdale High. Highland County: Lynchburg-Clay Local—Lynchburg-Clay High. Logan County: Bellefontaine—Bellefontaine High; Benjamin Logan Local—Benjamin Logan High; Indian Lake Local—Indian Lake High; Riverside Local—Riverside High. Madison County: Jonathan Alder Local—Jonathan Alder High; Jefferson Local—West Jefferson High; Marion County: Marion City—Harding; Pleasant Local—Pleasant High; Ridgedale Local—Ridgedale High; River Valley Local—River Valley High. Mercer County: Celina City—Celina High; Coldwater Exempted Village—Coldwater High; Marion Local—Marion Local High; Parkway Local—Parkway High. Miami County: Bethel Local—Bethel High; Piqua City—Piqua High; Troy City—Troy High. Montgomery County: Cincinnati Archdiocese—Archbishop Alter High, Chaminade-Julienne High; Dayton City—Dunbar High; Oakwood City—Oakwood High; independent—Miami Valley High. Pickaway County: Logan Elm Local—Logan Elm High; Teays Valley Local—Teays Valley High; Westfall Local—Westfall High. Preble County: National Trail Local—National Trail High; Preble-Shawnee Local—Preble Shawnee High; Tri-County North Local—Tri-

County North High. Ross County: Chillicothe City—Chillicothe High; Zane Trace Local—Zane Trace High. Scioto County: Clay Local—Clay High; Columbus Catholic Diocese—Notre Dame Jr/Sr High; Green Local—Green High; Wheelersburg Local—Wheelersburg High; charter—Sciotoville/East High. Shelby County: Anna Local—Anna High; Botkins Local—Botkins High; Fairlawn Local—Fairlawn High; Ft. Loramie Local—Ft. Loramie High; Hardin-Houston Local—Houston High; Russia Local—Russia High; Sidney City—Sidney High. Union County: Marysville Exempted Village—Marysville High; North Union Local—North Union High. Warren County: Franklin City—Franklin High; Lebanon City—Lebanon High; Little Miami Local—Little Miami High; Springboro Community City—Springboro High; Wayne Local—Waynesville High.

**Ohio State Contact:** Honda-OSU Partnership Program, College of Engineering, 614-688-8574, [elearn.eng.ohio-state.edu/Honda](http://elearn.eng.ohio-state.edu/Honda). External Partner: Honda of America Manufacturing, GE Aviation.

## Math and Science Club

The club aims to improve students' academic skills and increase their knowledge of math and science. Through monthly meetings, the club challenges students (grades 4-7 and 8-12) to develop critical thinking, problem solving, and comprehension and to understand mathematical principles and physical sciences while having fun. Activities are also designed to increase the awareness of students of color regarding career opportunities in math- and science-related careers.

**Participating Schools:** Schools in Franklin County.

**Ohio State Contact:** OSU Medical Center, 614-293-5972, [aaaas.osu.edu/aaaascec/programs/default](http://aaaas.osu.edu/aaaascec/programs/default). Ohio State Partners: College of Arts and Sciences, African American and African Studies Community Extension Center and Division of Natural and Mathematical Sciences; College of Medicine.

## Ross Mathematics Program for Students

The Ross Program offered by Ohio State in partnership with the Clay Mathematics Institute is an intensive summer experience designed to encourage motivated high school students to explore mathematics. The goal is to instruct students in the art of mathematical thinking and to inspire them to discover for themselves that abstract ideas are valuable and important. First-year participants take the basic course in number theory. The application involves a set of challenging math problems.

**Participating Schools:** Available to any districts/schools/youth. Admission is competitive.

**Ohio State Contact:** Department of Mathematics, College of Arts and Sciences, 614-292-5101, [ross@math.ohio-state.edu](mailto:ross@math.ohio-state.edu), [www.math.ohio-state.edu/ross](http://www.math.ohio-state.edu/ross). External Partner: Clay Mathematics Institute.

## MENTORING AND TUTORING

### AT&T High School Success Program

Each semester, high-risk high school freshmen are invited to participate in this program that provides holistic, best-practices interventions for dropout prevention. Through career counseling, academic skills building, personal counseling, parental involvement, and mentoring, approximately 30 students each semester at two high-needs high schools in Columbus participate in the program. The program is supported by a grant from the AT&T Aspire initiative.

**Participating Schools:** Franklin County: Columbus City—Linden McKinley STEM Academy, South High.

**Ohio State Contact:** Counselor Education, College of Education and Human Ecology, 614-688-5938.

### Buckeye Mentoring Hub

This partnership involves Ohio State students in mentoring public school students, allowing them to apply the educational strategies they study. Since 2002, the hub has recruited, trained, and placed over 1,900 student mentors. In 2009-10, more than 350 Ohio State students served as mentors and tutors weekly for children, the majority from disadvantaged circumstances, in elementary, middle, and high schools and community sites. Some worked with Spanish-speaking, Russian-speaking, or Somali immigrant children, helping ease their transition to a new country. Partners include Big Brothers Big Sisters, Columbus Mentoring Initiative, Godman Guild, the Mentoring Center of Central Ohio, Ohio State Center for Student Leadership and Service, and OSU Extension. The partners provided recruitment, screening, training, placement, and oversight to ensure a high-quality experience for mentors and mentees. Mentors received training on communication skills, building relationships, and bridging cultures. The students served as positive role models, provided resources for college access, tutored and helped with homework, listened, and encouraged positive behavior.

**Participating Schools:** Franklin County: Columbus City—Clinton Elementary, Literature Based Alternative Elementary at Hubbard; South-Western City—Prairie Norton Elementary, Holt Crossing Intermediate, Norton Middle.

**Ohio State Contact:** Office of Student Life, 614-247-7792, [osumentor@osu.edu](mailto:osumentor@osu.edu), [www.mentoringcenterco.org/buckeyementor.htm](http://www.mentoringcenterco.org/buckeyementor.htm). External Partner: Mentoring Center of Central Ohio.

### Girls Circle

The Girls Circle Project is a service-based, year-long immersion project that trains college women to become Girls Circle facilitators and run Girls Circles in Columbus-area schools or agencies with middle or high school-aged girls. This project gives college women the opportunity to grow, learn, and challenge themselves through training, facilitation, and experiences working with adolescent and teenage girls. The Girls Circle model, a structured support group for girls from 9-18 years, integrates relational theory, resiliency practices, and skills training in a specific format designed to increase positive connection, personal and collective strengths, and competence in girls. It aims to counteract social and interpersonal forces that impede girls' growth and development by promoting an emotionally safe setting and structure within which girls can develop caring relationships and use authentic voices. The circles have a leader as well as a well-tested, weekly curriculum and evaluation methodology. The focus is on discussion, decision-making skills and critical thinking. In the 2009-10 academic year 35 women ran 15 circles in Columbus-area schools and organization, serving approximately 160 girls

**Participating Schools:** Franklin County: Columbus City—Arlington Park Elementary, Indianola Informal K-8, Parkmoor Elementary; Grandview Heights City—Grandview Heights High; New Albany-Plain Local—New Albany Middle School; Reynoldsburg City—Waggoner Road Middle; independent/charter—W.C. Cupe Community, Wellington School, Pschtecinc High.

**Ohio State Contact:** University Honors and Scholars, Office of Enrollment Services and Undergraduate Education, 614-292-1794, [www.girlscircle.com](http://www.girlscircle.com). Ohio State Partner: Office of Academic Affairs/Economic Access Initiative. External Partners: YWCA, Columbus Housing Partnership.

## Positive Lifestyles Career Program

This student-based motivational speakers bureau has been serving Allen County students for over 13 years, reaching thousands of students in grades 6-12. The program is composed of African American professionals and community members interested in making a difference in the lives of youth. This program encourages students to make positive choices in the areas of career/vocational choices, personal/interpersonal relationships, academic improvement, goal setting/future planning, and life skill development.

**Participating Schools:** Allen County: Lima City.

**Ohio State Contact:** Office of Institutional Diversity, Ohio State Lima, 419-995-8806.

## SKY (Strengthening Knowledge in Youth)

SKY (Strengthening Knowledge in Youth) was an after-school program at Malinta-Grelton Elementary School held during the school year, October to May. Forty youth, grades 3 and 4, participated. This doubled the number of youth who participated in 2008-2009. Six teens served as mentors for these elementary youth, assisting them with homework and special activities. SKY Mentoring was initiated with the Napoleon Area Schools, focusing on grades 2-6 participants and high school youth serving as mentors. Forty-two elementary youth participated in 2009-2010. The program was conducted through a partnership with Henry County United Way and Henry County 4-H Endowment. There is no cost to the school nor participants for this program.

**Participating Schools:** Henry County: Napoleon Area City; Patrick Henry Local—Malinta-Grelton Elementary.

**Ohio State Contact:** Henry County, OSU Extension, 419-592-0806.

## Stadium Scholarship Team-Afrocentric Tutoring Program

A group of Stadium Scholarship Team students volunteered at a local school providing tutoring and other support as necessary.

**Participating Schools:** Franklin County: Columbus City—Columbus Africentric Early College.

**Ohio State Contact:** Residence Life, Office of Student Life, 614-247-4664.

## SCIENCE

### Antarctic Rock Boxes

The United States Polar Rock Repository (USPRR) provides a hands-on set of activities and samples for teachers from within the continental United States. Teachers can request to borrow a rock box that includes samples of rocks, minerals, and fossils from polar regions, as well as trade books and curricular materials developed by teachers for a range of grade levels. The rock box is reserved online and held with a \$50 deposit. Once the rock box and its contents have been returned, the deposit is refunded. Shipping is paid (both ways) by the USPRR. The rock box is a plywood box that has actually been used by a scientist in the Polar Regions, so it is a learning object in and of itself. Teachers can keep the rock box up to three weeks. Demand is higher in the fall so it is wise for teachers to place their requests early in the year.

**Participating Schools:** Available to schools, youth programs, museums etc. in the contiguous United States.

**Ohio State Contact:** Byrd Polar Research Center, U.S. Polar Rock Repository, Office of Research, 614-292-5348, [www.bprc.osu.edu/rr](http://www.bprc.osu.edu/rr).

### Astronomy at COSI

The Ohio State Astronomy Department has teamed with COSI experts in informal science education to offer education and outreach programs for middle school students, high school students, and teachers. To date, 50 schools and more than 400 students have participated. The field trips begin with an interactive lecture given by an Ohio State astronomy faculty member designed to teach basic astronomical/physical principles needed to explain an astronomical discovery. After the lecture, the students are led through hands-on activities. At the same time, teachers are given individual training specific to their curriculum needs by the Ohio State astronomy professor. Astronomy faculty also work closely with the COSI Academy, a group of high school students highly interested in pursuing science careers.

**Participating Schools:** Schools in central Ohio.

**Ohio State Contact:** Department of Astronomy, College of Arts and Sciences, 614-292-5812.

### Biological Sciences Day

Juniors and seniors from Ohio high schools are invited to campus for a day of learning in the College of Biological Sciences. Students and their families get a glimpse of college life as a biological sciences student at Ohio State. Professors from different specialties and students who are engaged in research on campus speak about their contribution to the University and how incoming freshman can get involved. The visitors also tour the greenhouse, insect laboratory, and microbiological research facilities. Bio Sci Day is generally held the first Saturday in March. The event is hosted by student members of Helix, the undergraduate honorary society. More than 260 students and their families participated in 2009.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Division of Natural & Mathematical Sciences, College of Arts and Sciences, 614-292-1704, [helixtribeta.org.ohio-state.edu/HelixTriBeta/BioSci\\_Day.html](http://helixtribeta.org.ohio-state.edu/HelixTriBeta/BioSci_Day.html).

## Biological Sciences Greenhouse and Insectary Tours

The Biological Sciences Greenhouse conservatory houses plants native to tropical and desert environments. The collection has an estimated 1,200 specimens representing over 100 plant families from around the world, including some specimens rarely found in cultivation. The Insectary rears 120 species of insects and arthropods, including Hissing Cockroaches, Giant African Millipedes, and Maclay's Specter Walking Sticks. Tours may be arranged for local school groups (up to 40 people at a time). \$2.50 for students \$5.00 for adults one (1) free adult with every 10 students.

**Participating Schools:** Franklin County: Columbus Catholic Diocese—Immaculate Conception Elementary, St. Michael's School, Trinity Elementary; Columbus City—Sullivant Elementary, Northland High; Upper Arlington City—Wickliffe Elementary; Worthington City—Emerson Elementary; independent—Clintonville Academy; Wellington School; Dublin Homeschool Group, Early Childhood Learning Community, Natural Learning, Montessori Kindergarten Readiness Program, Creative Play Center, Grandview Heights Kids Club, North Broadway Children's Center, The Gathering Place, Maynard Avenue United Methodist Church, 3 other home school groups.

**Ohio State Contact:** Department of Plant Cellular and Molecular Biology, College of Arts and Sciences, 614-688-5593, [www.biosci.ohio-state.edu/~plantbio/greenhouse/](http://www.biosci.ohio-state.edu/~plantbio/greenhouse/).

## Byrd Polar Research Center School Visits

Byrd Polar Research Center staff visit schools to make presentations on such topics as rocks, minerals, fossils, mineral identification, geology, geocaching, glaciers, Antarctica, and polar science as a career.

**Participating Schools:** Franklin County: Columbus Catholic Diocese—All Saints Elementary, Holy Spirit Elementary, Our Lady of Perpetual Help Elementary; Columbus City—Alpine Elementary, Fifth Avenue Elementary, Olde Orchard Elementary, West Broad Elementary, Indianola Middle, Dublin City—Deer Run Elementary; Hilliard City—Hilliard Horizon Elementary; Upper Arlington City—Wickliffe Elementary, Upper Arlington International Baccalaureate; Westerville City—Emerson Magnet Elementary, Blendon Middle; independent/charter—Columbus Academy, Graham School, Ohio School for the Deaf. Pickaway County: Teays Valley Local—Teays Valley Middle. Stark County: Plain Local—Oakwood Middle. Union County: North Union Local—North Union Elementary. Out of state: American School in Japan.

**Ohio State Contact:** Byrd Polar Research Center, Office of Research, 614-292-6646, [bprc.osu.edu/education/](http://bprc.osu.edu/education/).

## Byrd Polar Research Center Tours

Tours of Byrd Polar are available to school groups and the public by appointment. We do our best to accommodate those who are interested in touring the Byrd Polar Research Center, whether it is for an intense scientific inquiry or simply to see what type of research goes on at the center. A visit that is more scientific in nature is more likely to get the opportunity to hear from the scientists themselves, however, this is not always possible. The scientists are generally available for one tour per month, but other arrangement for a tour can sometimes be made.

**Participating Schools:** Available to any districts/schools/youth.

**Ohio State Contact:** Byrd Polar Research Center, Office of Research, 614-247-4571, [bprc.osu.edu/education/group\\_tours.php](http://bprc.osu.edu/education/group_tours.php).

## Center for Clinical and Translational Science Summer Research Experience Program

The Ohio State University Center for Clinical and Translational Science (OSU CCTS) Summer Research Experience Program (SREP) matches high school students and teachers with researchers across campus to give participants the opportunity to gain knowledge and skills to help them in future classes, internships, and career decisions. The SREP targets students who are traditionally underrepresented in scientific research from specific high schools with biomedical science curricula. SREP participants functioned as active and contributing research team members, conducting research-related activities that were appropriate for their age and level of experience. The program is funded by a 2-year grant from the National Institutes of Health as part of the American Recovery and Reinvestment Act of 2009. Participants were paid for their experience and participated in enrichment workshops on topics such as study habits, resume writing, and college searches. At the end of the program, participants presented their research activities and what they learned during the program at a professional research poster session.

**Participating Schools:** Franklin County: Columbus City — Eastmoor Academy; Metro School.

**Ohio State Contact:** Center for Clinical and Translational Science: College of Medicine, College of Nursing, College of Pharmacy, College of Optometry, College of Public Health, College of Veterinary Medicine, College of Engineering, College of Dentistry; [ccts-education@osumc.edu](mailto:ccts-education@osumc.edu), [ccts.osu.edu/](http://ccts.osu.edu/).

## Center for Emergent Materials Education and Outreach

As part of its research outreach effort, the Center for Emergent Materials partners with existing K-12 outreach initiatives to increase their capacity and to incorporate materials science and engineering content into their activities. During 2009-10, the CEM collaborated with the Ohio STEM Ability Alliance, Breakfast of Science Champions, Columbus School for Girls, Weinland Park Elementary, Arlington Park Elementary, Blueprint: College, Baseball Day, Society of Women in Physics, and COSI to serve 5,838 K-12 students, including 2,649 girls, 3018 students from minority groups underrepresented in STEM careers, and 539 students with disabilities.

**Participating Schools:** Franklin County: Columbus City—Arlington Park Elementary, Weinland Park Elementary; private—Columbus School for Girls.

**Ohio State Contact:** Materials Science and Engineering, College of Engineering, 614-292-9548, [cem.osu.edu/education-and-outreach/](http://cem.osu.edu/education-and-outreach/). Ohio State Partners: Natural and Mathematical Sciences, Department of Physics, Department of Chemistry Department of Materials Science, Department of Electrical and Computer Engineering.

### DNA Fingerprinting Workshops for High Schools

A 2-day workshop on DNA analysis was presented to 10th-grade biology classes in three Columbus City high schools. A team of undergraduates accompanied the instructor and graduate teaching assistant to each class. On day one, the instructor presents background information on DNA structure, the flow of genetic information in the cell, the human genome sequence, and how DNA analysis can be used to identify people. The students are briefly introduced to a crime and given their mission—to become forensic scientists and solve the crime using DNA analysis. To do this, the high school students, mentored by the undergraduates, perform a gel electrophoresis to separate the DNA fingerprint samples from the four suspects and the crime scene. On day two, the students watch a video showing the crime and are asked to surmise who committed the crime using just this evidence. Opinions differ and the students are then challenged to describe how DNA evidence can be used to link a person to the crime. They then analyze the results of their gel electrophoresis experiment to definitively link a single suspect to the scene. The students work with their mentors to solve problem sheets, which the high school teachers collect and grade.

**Participating Schools:** Franklin County: Columbus City.  
**Ohio State Contact:** Department of Molecular Genetics, College of Arts and Sciences, 614-292-8857.

### Earth Sciences Lectures for Schools

An Ohio State Lima Earth Sciences professor gives presentations for schools, service organizations, and youth organizations (i.e., Girl Scouts, Boy Scouts) on the Lima campus or at their location on practically any earth sciences topic. 2008-2009 presentations: Identifying Rocks and Economic Importance of Rocks to Wayne Trace eighth-grade students; Identifying Rocks and What They Are Used For to all sixth-grade science classes at Shawnee Middle School, Lima, Ohio; Rocks: How They Form and What They Are Used For to all fourth graders at Maplewood Intermediate School, Lima, Ohio; and How We Know What We Know About Dinosaurs to all third graders at Maplewood Intermediate School, Lima, Ohio. He also developed and chaired the Fossils Event for Northwest Regional Science Olympiad held on Ohio State Lima campus.

**Participating Schools:** Allen County: Shawnee Local—Maplewood Elementary, Shawnee Middle. Paulding County: Wayne Trace Local—Wayne Trace High.

**Ohio State Contact:** School of Earth Sciences, College of Arts and Sciences, Ohio State Lima, 419-995-8208, [lima.osu.edu/academics/earthSciences/](http://lima.osu.edu/academics/earthSciences/).

### Lima Regional Science Olympiad

Science Olympiad tournaments are academic competitions for middle and high school teams. Team members who win individual events receive medals, first- and second-place teams are awarded trophies, and top-ranked teams are invited to attend the State Science Olympiad in Columbus. The regional tournament is held annually at Ohio State Lima. On March 6, 2010, the regional tournament was attended by students representing more than 35 schools from northwestern Ohio. Registration fee of \$173 per team.

**Participating Schools:** Allen County: Bath Local—Bath High; Elida Local—Elida Middle; Lima City—Lima Senior High; Shawnee Local—Shawnee Middle, Shawnee High; Toledo Catholic Diocese—Lima Central Catholic High. Defiance County: Ayersville Local—Ayersville Middle, Ayersville High; Central Local—Fairview Middle; Northeastern Local—Tinora High. Fulton County: Gorham Fayette Local—Fayette Jr./Sr.High. Lucas County: Springfield Local—Springfield Middle, Springfield High; Sylvania City—Sylvania Northview High, Sylvania Southview High; Toledo Catholic Diocese—Central Catholic High, St. John's Jesuit High, St. Pius X Elementary. Toledo City—Byrnedale Junior High, Early College High, Robinson Middle, Start High, Toledo Tech, Woodward High. Paulding County: Paulding Exempted Village—Paulding Middle, Paulding High. Putnam County: Ottawa-Glandorf Local—Ottawa-Glandorf High; Toledo Catholic Diocese—Sts. Peter & Paul Elementary. Sandusky County: Toledo Catholic Diocese—St. Joseph Central Catholic. Shelby County: Anna Local—Anna Middle; Cincinnati Archdiocese—Lehman Catholic High; Fairlawn Local—Fairlawn Middle, Fairlawn High; Fort Loramie Local—Ft. Loramie Junior High; Sidney City—Sidney Middle. Williams County: Montpelier Exempted Village—Montpelier High.

**Ohio State Contact:** Department of Biology, College of Arts and Sciences, Ohio State Lima, 419-995-8868, [lima.osu.edu/academics/outreach/ScienceOlympiad/index.php](http://lima.osu.edu/academics/outreach/ScienceOlympiad/index.php). Ohio State Partners: Chemistry, Physics, Geology, and Education Departments on OSU Lima campus.

### Marion Area Science and Engineering Fair

Ohio State Marion is host to the Marion Area Science and Engineering Fair, at which approximately 200 students exhibit science and engineering projects. The best high school projects advance to the International Science and Engineering Fair. Middle school students compete for the right to advance to the Discovery Channel Young Scientist Challenge. The Marion fair involves about 70 volunteer judges (including several faculty members from Ohio State Marion) and others. The event is organized by Brian McEnnis, professor of mathematics at Ohio State Marion.

**Participating Schools:** Schools in Crawford, Delaware, Knox, Marion, Morrow, Seneca, Union, and Wyandot counties.

**Ohio State Contact:** Department of Mathematics, College of Arts and Sciences, Ohio State Marion, 614-005-6271, [academic.marion.ohio-state.edu/sciencefair/MASEF.htm](http://academic.marion.ohio-state.edu/sciencefair/MASEF.htm).

## Math and Science Club

The club aims to improve students' academic skills and increase their knowledge of math and science. Through monthly meetings, the club challenges students (grades 4-7 and 8-12) to develop critical thinking, problem solving, and comprehension and to understand mathematical principles and physical sciences while having fun. Activities are also designed to increase the awareness of students of color regarding career opportunities in math- and science-related careers.

**Participating Schools:** Schools in Franklin County.

**Ohio State Contact:** OSU Medical Center, 614-293-5972, [aaas.osu.edu/aaascec/programs/default](http://aaas.osu.edu/aaascec/programs/default). Ohio State Partners: College of Arts and Sciences, African American and African Studies Community Extension Center and Division of Natural and Mathematical Sciences; College of Medicine.

## Museum of Biological Diversity Open House

This annual event enables the public, including schools, to tour this research facility and see the labs and the behind the scenes collections spaces. The Open House draws about 1,000 visitors, features special exhibits and hands-on activities for children, and also provides for classroom use supporting documentation connected to the theme.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Department of Entomology, Museum of Biological Diversity, College of Arts and Sciences, [www.biosci.ohio-state.edu/~jfreuden/systematics/museum/webfiles/open-house.htm](http://www.biosci.ohio-state.edu/~jfreuden/systematics/museum/webfiles/open-house.htm).

## North Central District Science Day

Ohio State Marion is host to the North Central District Science Day, at which approximately 200 students exhibit science fair projects and compete for the right to advance to the State Science Day competition. The North Central District Science Fair involves about 70 volunteer judges (including several faculty members from Ohio State Marion) and others.

**Participating Schools:** Schools in Crawford, Delaware, Knox, Marion, Morrow, Union, and Wyandot counties.

**Ohio State Contact:** Department of Mathematics, College of Arts and Sciences, Ohio State Marion, 614-005-6271, [academic.marion.ohio-state.edu/sciencefair/DSD.htm](http://academic.marion.ohio-state.edu/sciencefair/DSD.htm).

## OARDC on the Road

Thousands of students have benefited from the Ohio Agricultural Research and Development Center's OARDC on the Road program, which allows teachers to bring the science-based expertise of one of the nation's premier agricultural research organizations to their students in an educational, fun and hands-on way. In response to the financial strain many schools are experiencing, OARDC brings knowledge directly to a limited number of classrooms. Priority consideration will be given to schools whose financial situation severely affects their ability to participate in off-site field trips.

**Participating Schools:** Available to any Ohio school district whose finances limit them to no more than one off-site field trip per academic year.

**Ohio State Contact:** Ohio Agricultural Research and Development Center, College of Food, Agricultural, and Environmental Sciences, 330-202-3507, [tours-oardc@osu.edu](mailto:tours-oardc@osu.edu), [www.oardc.ohio-state.edu/visitor/pageview.asp?id=1922](http://www.oardc.ohio-state.edu/visitor/pageview.asp?id=1922).

## OARDC Tours and Off-Site Visits

For schools that cannot come to campus or want a tour customized to a specific curriculum at a specific time of year, OARDC's Public Relations office can arrange custom tours at no charge for K-12 groups and conduct off-site visits for groups with special needs, such as partial-day preschool and Head Start programs and centers serving special needs students. All OARDC departments are involved in the campus tours.

**Participating Schools:** On-campus tours are available to all school groups; off-site visits are available only to schools whose schedule or finances do not permit them to come to campus.

**Ohio State Contact:** Ohio Agricultural Research and Development Center, College of Food, Agricultural, and Environmental Sciences, 330-202-3507, [tours-oardc@osu.edu](mailto:tours-oardc@osu.edu), [www.oardc.ohio-state.edu/visitor/pageview3.asp?id=1203](http://www.oardc.ohio-state.edu/visitor/pageview3.asp?id=1203).

## Ohio Science Olympiad

The Science Olympiad is a national nonprofit organization devoted to improving the quality of science education, increasing student interest in science and providing recognition of outstanding achievement in science education by both students and teachers. The Ohio Science Olympiad program is coordinated by the Office of Continuing Education, Extended Education. Throughout the school year middle and high school teams prepare to compete in 23 different events in various science disciplines. Regional tournaments are held around the state in February and March, and winning teams advance to the state tournament held in April on the Columbus campus. In 2009-10, 277 teams participated in the state program. \$180 per team early registration; \$195 per team for late registration

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Office of Continuing Education, Office of the Senior Vice President for Outreach & Engagement, 614-688-3819, [askced2@ced.osu.edu](mailto:askced2@ced.osu.edu), [www.ced.osu.edu/scioly](http://www.ced.osu.edu/scioly). Ohio State Partners: Center for Life Sciences Education Chemistry Biochemistry Anesthesiology Supercomputer Center Edison Welding Institute Environment and Natural Resources Physics Math and Physical Science Industrial Welding and Systems Engineering. External Partners: Science Education Council of Ohio, Battelle, Texas Instruments, Cox Institute, Case Western Reserve University, U.S. Geological Survey.

## Ohio State Marion Prairie Nature Center

The mission of the Marion campus Prairie Nature Center, a nine-acre reconstructed tall grass prairie, is conservation of a locally rare plant community and education through natural history lessons and prairie tours. The Prairie Nature Center offers an educational program that invites students to tour and learn about science and history on location or in the schools. The campus prairie nature center consists of a nine-acre reconstructed tall grass prairie. The mission is conservation of a locally rare plant community and education through natural history lessons and prairie tours. Several thousand people visit the prairie each year. The prairie has operated since 1977 and employs several student workers.

**Participating Schools:** Schools in Crawford, Delaware, Hardin, Marion, Morrow, Union, and Wyandot counties.

**Ohio State Contact:** Prairie Nature Center, Ohio State Marion, 614-295-6269, [osumarion.osu.edu/prairie\\_center](http://osumarion.osu.edu/prairie_center).

## Science at the Polar Frontier

This project enables high school students at both the Metro School and Zoo School to collaborate on the development of programming for the new Polar Frontier exhibit at the Columbus Zoo & Aquarium (CZA). Aaron Wilson, a Master's degree student at the Byrd Polar Research Center, has developed graphics that illustrate the extent of sea ice in the Arctic and the surface temperature in the Arctic Polar Region. Students at Metro and the Zoo School will present information related to those graphics and other changes in the Arctic environment to the public at selected events, and work with docents at the CZA. The project was funded by an Excellence in Engagement grant from the Office of University Outreach and Engagement.

**Participating Schools:** Franklin County: Columbus Zoo School, Metro School.

**Ohio State Contact:** Byrd Polar Research Center, Office of Research, 614-688-8279, [bprc.osu.edu/education/](http://bprc.osu.edu/education/). External Partners: Columbus Zoo & Aquarium, Battelle.

## Science of Agriculture Workshops

OARDC's Science of Agriculture workshops bring students from kindergarten to seniors in high school to the Wooster campus to participate in hands-on science and real-world experiments with OARDC researchers from such departments as plant pathology; horticulture and crop science; food, agricultural and biological engineering; food animal health, computing and statistical services.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Ohio Agricultural Research and Development Center, College of Food, Agricultural, and Environmental Sciences, 330-202-3507, [tours-oardc@osu.edu](mailto:tours-oardc@osu.edu), [www.oardc.ohio-state.edu/visitor/pageview2.asp?id=1205](http://www.oardc.ohio-state.edu/visitor/pageview2.asp?id=1205).

## Science Talk Lectures

An Ohio State Marion physics professor offers Science Talk learning lectures to area school systems, businesses, organizations, and the community on the following subjects: The Whole 8.2296m (about the International System of Units and Standardization); Energy and the Environment; Nuclear Energy, Is It Viable?; Nuclear Energy, the Davis Bessy Story; Population and the Greenhouse Effect; What Entering College Students Should Know About the Atom; What Nuclear Physics Do Teachers Need to Know?; The Particle Zoo; The Newest Knowledge about Nuclear Science; and Plasmas and Fusion, Origin and Fate of the Universe.

**Participating Schools:** Available to central Ohio schools.

**Ohio State Contact:** Department of Physics, College of Arts and Sciences, Ohio State Marion, 740-725-6250.

## Starlab Planetarium

The Starlab Planetarium is a 30-60 minute trip into a different world. The students can explore the solar system, travel to the moon, understand plate tectonics, and investigate the human cell. They also engage in learning about Greek mythology, Native American mythology, and African American mythology. The Starlab provides a unique learning experience for the Ohio State Lima 10-county area. \$50 first half hour, \$25 each additional 30 minutes.

**Participating Schools:** Schools in Allen, Auglaize, Hancock, Hardin, Logan, Mercer, Paulding, Putnam, Shelby, and Van Wert counties.

**Ohio State Contact:** Outreach and Engagement, College of Education and Human Ecology, Ohio State Lima, 419-995-8125, [lima.osu.edu/academics/Outreach/](http://lima.osu.edu/academics/Outreach/). External Partner: Ford PAS.

## State Science Day

Hosted by The Ohio State University Office of Continuing Education, State Science Day is the academic equivalent of a state athletic championship and one of the largest of its kind in the nation. Judges evaluate the scientific research and communication skills of student awardees who advance to the state-level competition from more than 16 district science days. Among the many awards at State Science Day are Governor's Awards for Excellence in Student Research in agriculture and food science, biotechnology, environmental science, information science and technology, manufacturing sciences, materials science, recycling and litter prevention, and water resources research. On May 8, 2010, over 1,150 fifth–12th-grade science, technology, engineering, and mathematics (STEM) students representing 317 schools from 65 Ohio counties exhibited their science research projects at the 62nd annual State Science Day. Held at The Ohio State University's French Field House, the event honored students with scholarships and awards valued at more than \$3.7 million from nearly 100 sponsors.

**Participating Schools:** Adams County: Adams County/Ohio Valley Local—North Adams Elementary, North Adams High, West Union High; Manchester Local—Manchester High (Adams). Allen County: Bath Local—Bath Middle; Bluffton Exempted Village—Bluffton Middle; Toledo Catholic Diocese—St Charles Elementary. Ashland County: Ashland City—Taft Elementary (Ashland); Cleveland Catholic Diocese—St Edward Elementary; Mapleton Local—Mapleton High; private/independent—Ashland Christian Elementary. Ashtabula County: Geneva City—Geneva Jr High, Geneva High. Athens County: Athens City—Morrison Elementary, West Elementary, Athens Middle, Athens High. Auglaize County: St Marys City—Memorial High. Belmont County: St Clairsville-Richland City—St Clairsville Middle; Steubenville Catholic Diocese—St Mary Central Elementary, St Mary Elementary. Brown County: Eastern Local—Eastern Middle; Georgetown Exempted Village—Georgetown Elementary, Georgetown Jr/Sr High; Western Brown Local—Hamersville Elementary. Butler County: Cincinnati Archdiocese—Mother Teresa Catholic Elementary; Fairfield City—Fairfield Middle; Lakota Local—Hopewell Jr High; Monroe Local—Monroe High. Champaign County: Mechanicsburg Exempted Village—Mechanicsburg High. Clark County: Cincinnati Archdiocese—Catholic Central Elementary, Catholic Central High; Clark-Shawnee Local—Rockway Elementary; Southeastern Local—Miami View Middle; Springfield City—Springfield High; private/independent—Nightingale Montessori Inc Elementary, Ridgewood Elementary, Emmanuel Christian Academy High. Clermont County: Cincinnati Archdiocese—St Andrew/St Elizabeth A Seton

Elementary, St Columban Elementary, St Louis Elementary, St Thomas More Elementary. Clinton County: Blanchester Local—Blanchester High; Wilmington City—Rodger O. Borrer Middle, Wilmington High. Columbiana County: Youngstown Catholic Diocese—St Aloysius Elementary. Coshocton County: Columbus Catholic Diocese—Sacred Heart Elementary; Coshocton City—Central Elementary, Lincoln Elementary, Coshocton High; Ridgewood Local—Ridgewood High; River View Local—River View Middle. Cuyahoga County: Cleveland Catholic Diocese—Incarnate Word Academy Elementary, St Ignatius Elementary, St Raphael Elementary, St Albert the Great Elementary, Beaumont School, Padua Franciscan High, St Peter Chanel High; Orange City—Orange High; Solon City—Solon Middle Solon High; private/independent—Birchwood Elementary, Hathaway Brown High. Defiance County: Hicksville Exempted Village—Hicksville High; Northeastern Local—Tinora Jr High, Tinora High. Delaware County: Big Walnut Local—Harrison Street Elementary, Hylan Souders Elementary, Big Walnut Middle, Big Walnut High; Buckeye Valley Local—Buckeye Valley Local Middle; Columbus Catholic Diocese—St Mary Elementary; Delaware City—Frank B Willis Intermediate Middle, John C Dempsey Middle, Rutherford B Hayes High; Olentangy Local—Hyatts Middle, Olentangy Liberty High; private/independent—Village Academy High. Fairfield County: Bloom-Carroll Local—Carroll Middle, Bloom-Carroll High; Columbus Catholic Diocese—St Mary Elementary; Fairfield Union Local—Fairfield Union High; Liberty Union-Thurston Local—Liberty Union Middle; private/independent—Fairfield Christian Academy Elementary. Franklin County: Columbus Catholic Diocese—Holy Spirit Elementary, Immaculate Conception Elementary, Our Lady of Perpetual Help Elementary, St Agatha Elementary, St Andrew Elementary, St Cecilia Elementary, St Michael Elementary, St Paul Elementary, St Timothy Elementary; Columbus City Schools—Dominion Middle, Whetstone High; Dublin City—Ann Simpson Davis Middle, Henry Karrer Middle, John Sells Middle, Dublin Coffman High, Dublin Scioto High; Upper Arlington City—Hastings Middle, Upper Arlington High; Westerville City—Heritage Middle, Walnut Springs Middle; Worthington City—Colonial Hills Elementary, Thomas Worthington High, Worthington Kilbourne High; private/independent—Columbus Academy High, Harvest Preparatory School High, Horizon Science Academy Columbus, Fulton County: Pettisville Local—Pettisville High. Geauga County: Cleveland Catholic Diocese—Notre Dame-Cathedral Latin High; West Geauga Local—West Geauga High. Greene County: Beaver Creek City—Ferguson Middle, Herman K Ankeney Middle; Cincinnati Archdiocese—St Brigid Elementary; Fairborn City—Baker Middle, Fairborn High; Sugar Creek Local—Bellbrook Middle School; private/independent—Dayton Islamic School Inc Elementary, Xenia Christian High. Guernsey County: Steubenville Catholic Diocese, St Benedict Elementary, Hamilton County: Cincinnati Archdiocese—All Saints Elementary, Guardian Angels Elementary, Our Lady of Lourdes Elementary, Our Lady of Visitation Elementary, St Bernard Elementary, St Gertrude Elementary, St Jude Elementary, St Mary Elementary, McNicholas High, St Xavier High; Cincinnati Public—Walnut Hills High; Forest Hills Local—Nagel Middle, Anderson High,



Turpin High; Sycamore Community City—Sycamore High. Hardin County: Ada Exempted Village SD—Ada High. Henry County: Patrick Henry Local—Patrick Henry Middle, Patrick Henry High. Highland County: Fairfield Local—Fairfield Local Middle; Lynchburg-Clay Local—Lynchburg-Clay High. Huron County: Toledo Catholic Diocese—Norwalk Catholic School High; Willard City—Willard Middle. Jackson County: Jackson City—Jackson Middle, Jackson High. Jefferson County: Steubenville Catholic Diocese—Bishop John King Mussio Junior High, Catholic Central High. Knox County: Mount Vernon City—Mount Vernon High. Lake County: Mentor Exempted Village—Mentor High; Perry Local—Perry Middle. Lawrence County: Chesapeake Union Exempted Village—Chesapeake Middle, Chesapeake High; Fairland Local—Fairland Middle, Fairland High; Rock Hill Local—Rock Hill Middle; South Point Local—South Point Middle, South Point High; Steubenville Catholic Diocese—St Joseph Central High. Licking County: North Fork Local—Utica High. Logan

County: Benjamin Logan Local—Benjamin Logan Middle. Lorain County: Cleveland Catholic Diocese—St Jude Elementary; Columbia Local—Columbia Middle, Columbia High; Sheffield-Sheffield Lake City—Sheffield Middle; private/independent—Lake Ridge Academy Elementary. Lucas County: Ottawa Hills Local—Ottawa Hills High; Sylvania City—Sylvania Southview High; Toledo City—Start High; Washington Local—Whitmer High; Lucas County: Toledo Catholic Diocese—Gesu Elementary, Lial Catholic Elementary, Little Flower Elementary, St Joseph Elementary, St Patrick of

Heatherdowns Elementary, Sylvania Franciscan Academy, Toledo Central Catholic High; private/independent—Trinity Lutheran Elementary, Maumee Valley Country Day High, Ohio Virtual Academy High, Toledo Islamic Academy High. Mahoning County: Canfield Local—Canfield Village Middle; Youngstown Catholic Diocese—St Christine Elementary, St. Joseph-Immaculate Heart of Mary Elementary; Youngstown City—Chaney High. Marion County: Ridgedale Local—Ridgedale Jr/Sr High. Medina County: Cleveland Catholic Diocese—St Francis Xavier Elementary; Wadsworth City—Wadsworth High. Miami County: Cincinnati Archdiocese—Piqua Catholic Elementary; Tipp City Exempted Village—Tippecanoe Middle, Tippecanoe High. Montgomery County: Brookville Local—Brookville Middle, Brookville High; Cincinnati Archdiocese—Ascension Elementary, Immaculate Conception Elementary, Incarnation Elementary, St Albert the Great Elementary, St Christopher Elementary, St Peter Elementary, St Rita Elementary, Archbishop Alter High, Bishop Leibold E & W Campus, Carroll High, Chaminade-Julienne High; Montgomery County: Centerville City—Tower Heights Middle, Centerville High; Dayton City—Kemp Elementary, Patterson/Kennedy Elementary, Stivers School for the Arts, Thurgood Marshall High; Huber Heights City—Monticello Elementary, Rushmore Elementary, Valley Forge Elementary, Studebaker Middle; Miami Valley Career Technology Center; Trotwood-Madison City—Trotwood-Madison High; Valley View Local—Valley View Middle; private/independent—Dayton Christian School High. Muskingum County: Columbus Catholic Diocese—Bishop Fenwick Elementary. Paulding County: Paulding Exempted Village—Paulding Middle, Paulding High. Perry County: Columbus

Catholic Diocese—Holy Trinity Elementary; Northern Local—Sheridan Middle, Sheridan High. Pickaway County: Circleville City—Everts Middle, Pike County: Scioto Valley Local—Zahns Middle, Piketon Jr/Sr High; Western Local—Western Elementary. Putnam County: Continental Local—Continental Local Middle; Jennings Local—Fort Jennings High; Miller City-New Cleveland Local—Miller City Middle, Miller City High; Ottawa-Glandorf Local—Elementary; Ottoville Local—Ottoville High; Toledo Catholic Diocese, St Anthony of Padua Elementary. Richland County: Mansfield City—Mansfield High; Plymouth-Shiloh Local—Shiloh Middle; Toledo Catholic Diocese—St Peter Elementary; private/independent—Discovery Elementary. Ross County: Columbus Catholic Diocese—Bishop Flaget Elementary; Paint Valley Local—Paint Valley Elementary; Pickaway-Ross Career and Technology Center; Southeastern Local—Southeastern Middle; Zane Trace Local—Zane Trace Middle, Zane Trace High. Scioto County: Clay Local—Rubyville Elementary, Clay High; Minford Local—Minford High; Portsmouth City—Portsmouth Elementary, Portsmouth High; Wheelersburg Local—Wheelersburg Middle, Seneca County: Tiffin City—Columbian High. Shelby County—Cincinnati Archdiocese, Lehman High. Stark County: Alliance City—Alliance Middle, Alliance High; Canton Local—Faircrest Memorial Middle; Louisville City—Louisville High; Minerva Local—Minerva High; Osburg Local—East Canton High; Plain Local—Glenwood Middle, Oakwood Middle; Sandy Valley Local—Sandy Valley High; Youngstown Catholic Diocese—Our Lady of Peace Elementary, St Louis Elementary, St Paul Elementary, St Peter Elementary, Sts Philip and James Elementary; private/independent—Canton Country Day School Elementary. Summit County: Akron City—Kent Middle, Litchfield Middle, Ellet High, Firestone High, Miller-South Visual Performing Arts, National Inventors Hall of Fame® School; Cleveland Catholic Diocese—Our Lady of the Elms Elementary, St Hilary Elementary, Seton Catholic Elementary, St Vincent St Mary High; Hudson City—Hudson High. Trumbull County: Hubbard Exempted Village—Hubbard High; Lordstown Local—Lordstown High; Niles City—Washington Elementary; Trumbull County: Youngstown Catholic Diocese—St Patrick Elementary. Tuscarawas County: Tuscarawas Valley Local—Tuscarawas Valley Middle, Tuscarawas Valley High. Union County: Fairbanks Local—Fairbanks Middle. Warren County: Cincinnati Archdiocese—St Susanna Elementary; Mason City—Mason Middle, William Mason High; Wayne Local—Waynesville High. Washington County: Fort Frye Local—Lowell Elementary; Steubenville Catholic Diocese—St Mary Elementary. Williams County: Edon-Northwest Local—Edon High; Millcreek-West Unity Local—Hilltop High; Toledo Catholic Diocese—St Patrick Elementary. Wood County: Bowling Green City—Bowling Green High; Toledo Catholic Diocese—St Aloysius Elementary, St Rose Elementary; private/independent—Bowling Green Christian Academy. Wyandot County: USEVS Exempted Village—Upper Sandusky High.

**Ohio State Contact:** Office of Continuing Education, 614-292-8571, [www.statescienceday.osu.edu/](http://www.statescienceday.osu.edu/). External Partners: Ohio Academy of Science; American Electric Power, Ohio Environmental Education Fund, Boehringer Ingelheim Roxane, Inc.

### Stone Lab Aquatic Science Field Trips for School Groups

Teachers can bring classes (grade 4 or older) to Stone Laboratory during the spring and fall for a special custom-designed workshop/field trip that can include a science cruise on a research vessel, fish dissections, identification of plankton using microscopes, bird walks, insect walks, invertebrate collections, seining, and history discussions. Accommodating 175 groups and over 5,500 individuals annually, Stone Lab's science workshop program offers a variety of activities, ranging from water sampling on a research vessel on the lake to identifying microscopic aquatic organisms and dissecting fish in a lab. These field trips meet many of the Ohio Academic Content Standards for Science. Groups have the option to schedule a 1-day workshop or stay overnight for a 2-day workshop from mid-April-October. Cost depends upon size of group, length of stay, and number of activities selected. A cost estimate calculator is available at [stonelab.osu.edu/tripsandtours/estimator](http://stonelab.osu.edu/tripsandtours/estimator).

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Ohio Sea Grant College Program/Stone Lab, Office of Research, 614-292-8949, [stonelab.osu.edu/tripsandtours](http://stonelab.osu.edu/tripsandtours).

### SOCIAL SCIENCES/SOCIAL STUDIES

#### Forensics in the Classroom

Forensics in the Classroom is a 1-week bridge program for middle and early high school students to learn basic math and science skills in an interactive environment through the lens of forensics. The program focus includes basic crime scene management, crime scene photography and mapping, forensic anthropology, blood spatter analysis, evidence collection, fingerprint analysis, ballistics/weapons/firearms evidence tying all of these elements together with a discussion of its application to the legal system.

**Participating Schools:** Available to any districts/schools/youth. 2009-10: Franklin County: Columbus City—Arts IMPACT Middle; Worthington City.

**Ohio State Contact:** Department of Anthropology, College of Arts and Sciences, 614-743-0378, [www.pastfoundation.org/current-programs/forensics-in-the-classroom/](http://www.pastfoundation.org/current-programs/forensics-in-the-classroom/). External Partners: PAST Foundation, I Know I Can.

#### Government Days

Government Days are designed to improve students' citizenship, math, and reading knowledge through learning about local county government and local and state history. In Lorain County, middle and high school students shadowed county officials for Youth Government Day. Each student participated in approximately 12 hours of preparation by participating in public speaking activities, quiz bowl games, mock campaigns, and an election process. Harrison County's Government Day program saw 250 county elementary-age youth enhance citizenship skills thanks to a dual-site field trip to 12 county government agencies.

**Participating Schools:** Schools in Harrison and Lorain counties.

**Ohio State Contact:** OSU Extension, [harrison.osu.edu](http://harrison.osu.edu), [lorain.osu.edu](http://lorain.osu.edu).

## Museum of Classical Archaeology

The Ohio State Museum of Classical Archaeology is operated by the Departments of Greek and Latin, History, and History of Art, in close cooperation with the Ohio State Excavations at Isthmia (Greece). Class visits to the museum on the Columbus campus expose students to classical archaeology and allow them to see and handle actual archaeological finds. The displays focus on problem-solving methods and how we can learn about the past from material evidence.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Department of History, College of Arts and Sciences, 614-247-4470, [moca.osu.edu](http://moca.osu.edu). Ohio State Partners: College of Humanities, Department of Greek and Latin; College of the Arts, Department of History of Art.

## Starlab Planetarium

The Starlab Planetarium is a 30-60 minute trip into a different world. The students can explore the solar system, travel to the moon, understand plate tectonics, and investigate the human cell. They also engage in learning about Greek mythology, Native American mythology, and African American mythology. The Starlab provides a unique learning experience for the Ohio State Lima 10-county area. \$50 first half hour, \$25 each additional 30 minutes.

**Participating Schools:** Schools in Allen, Auglaize, Hancock, Hardin, Logan, Mercer, Paulding, Putnam, Shelby, and Van Wert counties.

**Ohio State Contact:** Outreach and Engagement, College of Education and Human Ecology, Ohio State Lima, 419-995-8125, [lima.osu.edu/academics/Outreach/](http://lima.osu.edu/academics/Outreach/). External Partner: Ford PAS.

## Street Law Program

Street Law is a practical participatory educational program aimed at teaching law, democracy, and human rights to elementary and secondary students. Developed by the National Institute for Citizen Education in the Law, it operates nationwide. Through the Street Law program, Moritz College of Law students work with Columbus public school teachers in grades 4-12. Law students teach a 6-8 week course that they design with the public school teacher. The law students plan the lessons for students; these lessons have included mock trials and discussions concerning the three branches of the government, contracts, criminal law, rights of minors when stopped by police, and the landlord/tenant relationship. Some classes focus on topics that the students must master for the state proficiency exam.

**Participating Schools:** Franklin County: Columbus City

**Ohio State Contact:** Moritz College of Law, [moritzlaw.osu.edu/students/orgs/index.php?ID=50](http://moritzlaw.osu.edu/students/orgs/index.php?ID=50).

## Summer Enrichment Program

The Summer Enrichment Program is designed to provide 9th- and 10th-grade students with an appreciation for and understanding of African American cultural and historical study as well as an opportunity to develop familiarity and proficiency in the use of computer technology to access information and create knowledge. The theme for the 2010 program was Spoken-word Poetry Individual Truths. This week-long workshop introduced students to the art of spoken-word poetry. Readings, lectures, discussions, live performances, field trips, videos, and computers helped students develop the following skills: poetry writing and performance, art of creativity, art of public speaking, multicultural awareness, self-awareness, critical thinking skills and respect of peers.

**Participating Schools:** Available to any districts/schools/youth.

**Ohio State Contact:** African American and African Studies Community Extension Center, College of Arts and Sciences, 614-292-3922, [aaascec@osu.edu](mailto:aaascec@osu.edu), [aaas.osu.edu/aaascec/programs/default](http://aaas.osu.edu/aaascec/programs/default).

## Summer Residential Program

The Summer Residential Program is designed to provide high school students with an appreciation for African American culture and history. Students also become familiar with computers and develop a proficiency in an array of state-of-the-art technologies. The residential aspect affords students the added opportunity to experience life on a college campus. The program is open to students entering grades 11-12 or recent graduates. In 2010, the theme of this 2-week program was 'Letz B Dwn': Social Justice Advocacy for Blacks during the American Revolutionary Era.

**Participating Schools:** Available to any districts/schools/youth.

**Ohio State Contact:** African American and African Studies Community Extension Center, College of Arts and Sciences, 614-292-3922, [aaas.osu.edu/aaascec/programs/default](http://aaas.osu.edu/aaascec/programs/default).

## USSR vs. USA: Soviet and American Posters in WWII

This colorful freestanding display compares World War II-era Soviet and American propaganda posters on a variety of themes, including Women at War, On the Home Front, and Motivation to Fight. The display will be especially interesting to history and social studies classes, particularly those dealing with American history. Teachers may request this display for 1 week at a time, and the Slavic Center will arrange for delivery and pick-up.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Center for Slavic and Eastern European Studies, Office of International Affairs, 614-292-8770, [csees@osu.edu](mailto:csees@osu.edu), [slaviccenter.osu.edu/teachers\\_inschool.html](http://slaviccenter.osu.edu/teachers_inschool.html).

## Youth Advisory Committee Annual Youth Summit

More than 300 youth from around the county attended We're Taking Over—Youth Confronting Social Issues Annual Youth Summit. Youth attendees reported a better understanding of topics such as sexual health, diversity, workforce preparation, and environmental and community responsibilities.

**Participating Schools:** Cuyahoga County: Beachwood City; Berea City—Midpark High; Brecksville-Broadview Heights City; Cleveland Heights-University Heights School District; Cleveland Metropolitan; East Cleveland City; Garfield Heights City; Lakewood City; Maple Heights City; Parma City—Greenbriar Middle; Richmond Heights Local—Richmond Heights High; Shaker Heights City—Shaker Heights High; Solon City; South Euclid-Lyndhurst City—Brush High; Strongsville City; Warrensville Heights City; independent/charter—Elite Academy of the Arts, E-Prep Charter School, Horizon Science Academy, Laurel School, Constellation Schools (Madison Community).

**Ohio State Contact:** Cuyahoga County, OSU Extension, [cuya@ag.osu.edu](mailto:cuya@ag.osu.edu).

## STEM

### Electrical and Computer Engineering High School Outreach

To address the shortage of engineers, Electrical and Computer Engineering (ECE) students, as part of the ECE senior capstone design course, have developed a series of hands-on engineering activities to increase awareness of science, technology, engineering, and math (STEM) among high school students and their teachers. ECE seniors and faculty have visited 15 Columbus area high schools, engaging students and their teachers in building speakers, audio equalizers, LED displays, touch-screen sensors, electric motors, a Jeopardy! style quiz game with buzzers and timers, and more. The ultimate goal of the ECE STEM initiative is to teach engineering concepts to high school teachers directly, to encourage and support independent teaching of these concepts in the high schools. Thorough documentation including parts lists and detailed directions is available at [is available on the project website](#). With the projects in place, ECE, with Battelle's support, is organizing build parties at which teachers can come and build the projects themselves before taking them back to their schools. The project was supported by an Excellence in Engagement grant from the Office of University Outreach and Engagement. Project staff can visit any middle or high school in the Columbus area on request, subject only to availability of OSU students. Complete instructions for teachers anywhere are available on the website.

**Participating Schools:** Franklin County: Columbus City—Brookhaven High, Fort Hayes High, Linden-McKinley High, West High, Whetstone High; Hilliard City—Hilliard Davidson High; Westerville City—Westerville Central High; Whitehall City—Whitehall Yearling High; Worthington City—Thomas Worthington High, Worthington Kilbourne High; independent—Columbus School for Girls; Metro School.

**Ohio State Contact:** Department of Electrical and Computer Engineering, College of Engineering, 614-292-1323, [www.ece.osu.edu/~anderson/outreach.html](http://www.ece.osu.edu/~anderson/outreach.html).

## It's about Discovery

in the second (of three) year of a NSF (National Science Foundation) It's about Discovery (IAD) Grant that links Perry High School; Bath High School; Western Buckeye League schools: Van Wert, Antwerp, Wayne Trace, and Paulding High Schools; and Cumberland County Douglas Byrd High School, North Carolina. The teachers are using Ford PAS (Partnership for Advanced Training) Curriculum: Working Towards Sustainability (WTS), which encourages STEM (Science, Technology, Engineering and Mathematics) learning for students.

**Participating Schools:** Allen County: Antwerp Local—Antwerp Local; Bath Local—Bath High; Paulding Exempted Village—Paulding High; Perry Local—Perry High; Van Wert City—Van Wert High; Wayne Trace Local—Wayne Trace High; Douglas Byrd High, Fayetteville, NC.

**Ohio State Contact:** Outreach & Engagement, College of Education and Human Ecology, Ohio State Lima, 419-995-8437, [lima.osu.edu/academics/Outreach/](http://lima.osu.edu/academics/Outreach/).

## Metro High School

Metro Early College High School is a small, highly personalized, intellectually vibrant school emphasizing science, math, engineering, and technology. The school is operated by the Educational Council, a confederation of the 16 public school districts in Franklin County. Students who attend Metro are concurrently enrolled in their home district and remain a part of the public school system in Franklin County. Metro is a collaboration among Battelle, the Educational Council, and Ohio State's Colleges of Mathematical and Physical Sciences, Biological Sciences, and Education and Human Ecology. Ohio State is involved in numerous partnerships and opportunities for internships and research with the school.

**Participating Schools:** School districts in Franklin County.

**Ohio State Contact:** College of Education and Human Ecology, 614-247-2276, [www.themetroschool.org](http://www.themetroschool.org). Ohio State Partners: College of Mathematical and Physical Sciences, College of Biological Sciences, College of Education and Human Ecology.

## Ohio's STEM Ability Alliance: Degrees and Careers for Ohioans with Disabilities

Ohio State University, in partnership with Columbus State Community College, is leading a 5-year program to recruit Ohio students with disabilities to enter the STEM (science, technology, engineering and mathematics) fields. Ohio's STEM Ability Alliance is made possible by a \$3 million National Science Foundation grant, with the goals of recruiting, retaining, and graduating students with disabilities in STEM degree programs at Ohio State and Columbus State in Columbus and Wright State and Sinclair Community College in Dayton. The initiative is creating networks between universities, public schools, industries and government to increase the number and quality of students with disabilities pursuing STEM degrees and careers. High school and college students with disabilities receive stipends to participate in Student Learning Communities and mentoring activities.

**Participating Schools:** Franklin County: Columbus City—Linden-McKinley High; independent—Metro School; Ohio State School for the Blind.

**Ohio State Contact:** Nisonger Center, Office of Health Sciences, 614-292-9218, [nisonger.osu.edu/osaa/](http://nisonger.osu.edu/osaa/). Ohio State Partners: College of Engineering; College of Arts and Sciences; University Center for the Advancement of Teaching, Office of Academic Affairs. External Partners: Columbus State Community College, Wright State University, Sinclair Community College, Wright Patterson Air Force Base.

## SUMMER PROGRAMS

### Accounting Careers Awareness Program (ACAP-Ohio)

Accounting Careers Awareness Program (ACAP) is a week-long summer enrichment program with two goals: (1) to encourage Ohio minority high school students to acquire the educational background they need to major in accounting or business in college and (2) to promote the awareness of careers in business, accounting, and as a CPA through the participation and volunteer time of minority role models. Students who participate in ACAP-Ohio gain real-world experiences during informative workshops, interactive discussions, facility tours, and one-on-one mentoring sessions with minority accounting and business professionals. In addition, participants have the opportunity to compete for college scholarships. 40-45 high school students from throughout the state of Ohio attend the program annually. ACAP is sponsored by the Ohio Society of CPAs; The Ohio State University Fisher College of Business Office of Minority Student Services; the Ohio CPA Foundation; and the National Association of Black Accountants (Ohio Chapters).

**Participating Schools:** Available to all districts/schools/youth in Ohio. Only a limited number of districts/schools/youth can be served

**Ohio State Contact:** Controller's Office, Fisher College of Business, 614-292-6220, [www.ohioscpa.com/Content/Involvement/Students.aspx](http://www.ohioscpa.com/Content/Involvement/Students.aspx). External Partners: Ohio Society of CPAs, Ohio CPA Foundation, National Association of Black Accountants.

## Center for Clinical and Translational Science Summer Research Experience Program

The Ohio State University Center for Clinical and Translational Science (OSU CCTS) Summer Research Experience Program (SREP) matches high school students and teachers with researchers across campus to give participants the opportunity to gain knowledge and skills to help them in future classes, internships, and career decisions. The SREP targets students who are traditionally underrepresented in scientific research from specific high schools with biomedical science curricula. SREP participants functioned as active and contributing research team members, conducting research-related activities that were appropriate for their age and level of experience. The program is funded by a 2-year grant from the National Institutes of Health as part of the American Recovery and Reinvestment Act of 2009. Participants were paid for their experience and participated in enrichment workshops on topics such as study habits, resume writing, and college searches. At the end of the program, participants presented their research activities and what they learned during the program at a professional research poster session.

**Participating Schools:** Franklin County: Columbus City—Eastmoor Academy; Metro School.

**Ohio State Contact:** Center for Clinical and Translational Science: College of Medicine, College of Nursing, College of Pharmacy, College of Optometry, College of Public Health, College of Veterinary Medicine, College of Engineering, College of Dentistry; [ccts-education@osumc.edu](mailto:ccts-education@osumc.edu), [ccts.osu.edu/](http://ccts.osu.edu/).

### Central Ohio Summer Welding Institute

A weeklong experience for rising seniors in central Ohio high schools was designed to encourage them to explore welding technology as a career option. Presentations and hands-on activities were sponsored by OSU Welding Engineering Program, the Edison Welding Institute, and several local manufacturing companies including Lincoln Electric and Honda America.

**Participating Schools:** Central Ohio high schools.

**Ohio State Contact:** Welding Engineering, College of Engineering, 614-761-8346. External Partner: Project Lead the Way, Ohio Department of Education.

### Columbus Academy Summer Experience

The Columbus Academy Summer Experience offers programming for children from Pre-K through 12th grade. In the Rising K through 4th grade section, as well as the Rising 4th through 9th grade section, there are endless themed opportunities for children in Academics, Arts and Athletics. In the Rising 9th through 12th grade section are courses for credit and enrichment. Byrd Polar's involvement with this camp included teaching geology and nature and hiking to 1st-4th and 5th-9th graders.

**Participating Schools:** Franklin County: Columbus Academy.

**Ohio State Contact:** Byrd Polar Research Center, Office of Research, 614-292-6646, [bprc.osu.edu/education/](http://bprc.osu.edu/education/).

## Dental Prep Institute

The College of Dentistry offers a 5-week Dental Prep Institute that is structured to expose students to clinical aspects of dentistry. The program is designed to attract students from local area high schools, particularly those from health career academies. It was created to help students explore their interest in health careers, particularly dentistry, at an early age so that they may be well prepared to achieve their future career goals. Students are exposed to multiple aspects of dentistry including infection control procedures, equipment identification, instrument transfer, moisture control, radiology, patient charting, and tray set-up. They have the opportunity to mix amalgam and to assist dental students with restorative procedures. Even though dentistry and the various specialties are the primary focus, the institute fosters an understanding of and interest in dental practice on all levels including dental assisting, hygiene, technology, research, and academia. Each week the students spend one full day in the offices of minority dentists. The students are most enthusiastic about these experiences and in many instances doors of opportunity for employment are opened and mentoring relationships are initiated.

**Participating Schools:** Available to all Columbus city and Columbus area suburban school districts.

**Ohio State Contact:** Admissions, College of Dentistry, 614-292-1891, OHIOproject.org.

## Digital Animation: A Technology Mentoring Program for Young Women

Every June, faculty, staff, and graduate students in the Advanced Computing Center for the Arts and Design conduct a summer camp that teaches eighth- and ninth-grade girls how to create computer-generated animation. For 2 weeks, the select group of young women with artistic potential works with mentors from arts and technology fields at Ohio State using problem-solving skills and collaborative learning to create digital animation projects. The program is intended to showcase innovative technology and introduce participants to careers in the arts. In June 2009, 11 young women from Columbus area middle and high schools were mentored by three women graduate students, one undergraduate and the director of ACCAD. The topic was digital artists as proponents of social change through their art and animation. Projects focused on creating 3D animation with Maya on the topic of Ohio prairies, their history, value and preservation needs. Participants visited The Ohio State University's Marion Prairie Nature Center as a basis for understanding prairies.

**Participating Schools:** Columbus area districts.

**Ohio State Contact:** Advanced Computing Center for the Arts and Design, College of Arts and Sciences, 614-292-1053, womenandtech@accad.ohio-state.edu, accad.osu.edu/womenandtech/home.html.

## Engineering Summer Academy

The Engineering Summer Academy is a 3-week program consisting of 72 hours of classroom and laboratory instruction (Monday through Saturday). Students are expected to devote their study hours to the mental discipline of a concentrated academic experience. The academic experience includes problem solving and introduction to computer systems, including CAAD, spreadsheets, and editors. The course, Engineering H191, includes methods of problem solving, algorithmic development, and introduction to three-dimensional orthographic and pictorial visualization and presentation. To be selected for this program, students must have completed their junior year in high school. It is recommended that students rank in the top 10% of their class and show strength in mathematics as demonstrated by the PSAT.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** College of Engineering, 614-292-6230, [undergrad.osu.edu/academy/summer.html](http://undergrad.osu.edu/academy/summer.html).

## Improving Diversity in Optometry Camp (I-DOC)

An intensive 3-day program for eligible underrepresented juniors and seniors in Columbus-area high schools, the camp helps students explore optometric careers through hands-on experiences and aims at increasing the number of African American, Hispanic/Latino, and Native American optometrists. Camp scholars spend time learning about careers in optometry, the need for diverse optometrists, and requirements for becoming an optometrist.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** College of Optometry, 614-292-0084, [optometry.osu.edu/IDOC/index.cfm?select=about](http://optometry.osu.edu/IDOC/index.cfm?select=about).

## K-12 Chinese Flagship Program

Funded by the National Security Education Program, the K-12 Chinese Flagship Program is interested in supporting any school in Ohio that is offering or plans to offer Chinese language and provides more support to selected partner schools. The goal is to build the infrastructure for Ohio schools to establish successful language programs leading to solid communication skills in Mandarin Chinese. The program is developing partnerships in Ohio and beyond to achieve objectives that include the following: developing performance-based curriculum, providing teacher support and ongoing professional development, and creating a technology support system with effective Chinese language programs. With StarTalk support, Chinese Summer Day Camps are offered to students in multiple metro areas (in Cincinnati, Cleveland, Columbus, and Dayton in June 2010). The camp and teacher development are operated by the K-12 Chinese Flagship and Department of East Asian Languages and Literatures.

**Participating Schools:** Cuyahoga County: Beachwood City—Beachwood High; Shaker Heights City—Shaker Heights High; Polaris Career Center. Franklin County: Columbus Catholic Diocese; Gahanna-Jefferson City—Gahanna South Middle, Gahanna Lincoln High; Metro School. Greene County: Beavercreek City—Beavercreek High. Hamilton County: Sycamore Community City—Sycamore High. Montgomery County: Miami Valley High. Tuscarawas County: Dover City—Dover High.

**Ohio State Contact:** Foreign Language Center, College of Arts and Sciences, 614-292-0460 or 614-292-0577, [k12chineseflagship.osu.edu/](http://k12chineseflagship.osu.edu/). Ohio State Partner: Department of East Asian Languages and Literatures.

## Learning in Fitness and Education through Sports (LiFE Sports)

Learning in Fitness and Education through Sports (LiFE Sports) is designed to foster social competence among youth through their involvement in sport, fitness, and educational activities. This youth development initiative is built upon a historical community outreach program operating at Ohio State (National Youth Sport Program). The program serves approximately 600 predominately urban and underserved youth from the greater Columbus area during a 4-week summer day camp. Campers participate in a variety of sport and education activities throughout each day, which are infused with curriculum targeting the development and enhancement of social competence (i.e., self-control, effort, teamwork, and social responsibility). Campers have the opportunity for daily interaction with Ohio State students, student-athletes, and teachers from the community; transportation to and from camp; and breakfast and lunch. Sports clinics are also provided to youth six times throughout the academic year at Boys and Girls Club of Columbus sites and the Ohio State University campus. The LiFE Sports team also partners with Undergraduate Admissions and First Year Experience, the P-12 Project and Economic Access Initiative to provide participants with college access and career exploration activities. The LiFE Sports program is supported in part by an Excellence in Engagement grant from the Office of University Outreach and Engagement.

**Participating Schools:** Schools in Franklin County.  
**Ohio State Contact:** College of Social Work, 614-292-6934, [www.osulifesports.org](http://www.osulifesports.org). Ohio State Partners: Department of Athletics, P-12 Project, Office of Academic Affairs; School of Physical Activities and Educational Services, College of Education and Human Ecology; Office of Undergraduate Admissions and First Year Experience, Economic Access Initiative, Office of Academic Affairs; Department of Recreational Sports, Office of Student Life. External Partner: Boys and Girls Club of Columbus.

## MD Camp

MD Camp is a 3-week, nonresidential camp for high school juniors and seniors who are disadvantaged or underrepresented in the field of medicine (African American, Latino, or Native American). To give participants a sample of the rigors of medical school and a taste of medical careers, Ohio State College of Medicine faculty and students serve as mentors and provide instruction in gross anatomy, physiology, pathology, medical specialties, and current health issues. Participants receive training in conducting research, including lab experiences, and learn about special concerns in treating medically underserved populations. Participants also attend workshops at the college's Clinical Skills Education and Assessment Center, where they participate in hands-on activities in areas such as CPR and first aid. Numerous camp graduates are enrolled in premedical college programs, with the ultimate goal of attending medical school. \$650 per student; scholarships are available.

**Participating Schools:** Schools in Franklin County.  
**Ohio State Contact:** Office for Diversity and Cultural Affairs, College of Medicine, 614-688-8489, [medicine.osu.edu/students/diversity/programs/md\\_camp/pages/index.aspx](http://medicine.osu.edu/students/diversity/programs/md_camp/pages/index.aspx).

## Ohio Supercomputer Center Summer Institute

This 2-week residential program gives gifted Ohio high school students entering their sophomore, junior or senior year project-based, hands-on learning. Working in small peer teams, the students use supercomputers for practical applications such as solving complex science and engineering problems, conducting network forensics to catch hackers, studying the spread of the bird flu, and designing computer games.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** Ohio Supercomputer Center, Office of Research, 614-292-0890, [si-contact@osc.edu](mailto:si-contact@osc.edu), [www.osc.edu/education/si/](http://www.osc.edu/education/si/).

## Operation Brightside T.E.E.N. (Teenage Education and Employment Now)

Since 1983 the Columbus Urban League has offered Operation Brightside T.E.E.N. (OBT). This 6-week internship program is designed to identify, support, encourage, and influence African-American youth through traditional and nontraditional methods of positive reinforcement. The mission of OBT is to provide meaningful subsidized summer internships for Franklin County high school students in order to enhance social and academic development, and provide an opportunity for career exploration. Eligible applicants must be a 10th-, 11th-, or 12th-grade Franklin County resident aged 15-17 at time of application; show proof of 2.0 GPA; and be available to participate in the entire 6-week program (including closing recognition). The Fisher College of Business Office of Minority Student Services has sponsored a high school student intern from OBT every year since 1999.

**Participating Schools:** Public school districts in Franklin County.  
**Ohio State Contact:** Office of Minority Student Services, Fisher College of Business, 614-292-1017, [www.cul.org/educ-2009%20OBT.aspx](http://www.cul.org/educ-2009%20OBT.aspx). External Partner: Columbus Urban League.

## Pre-Freshman and Cooperative Education (PREFACE) Program

PREFACE is a diversity initiative of the Minority Engineering Program. This summer enrichment program is designed to help participants make a smooth transition from high school to the university and to accelerate progress through the freshman engineering curriculum. PREFACE consists of a 6-week academic component in which participants attend classes in physics, chemistry, mathematics, introduction to engineering, and English. Following the academic component, the program attempts to place students in a 6-week engineering-related job. Students may apply for the program during their senior year of high school.

**Participating Schools:** Open only to graduating high school seniors.

**Ohio State Contact:** Minority Engineering Program, College of Engineering, 614-292-6491, [mep.eng.ohio-state.edu/welcome/summer\\_bridge.html](http://mep.eng.ohio-state.edu/welcome/summer_bridge.html).

## Ross Mathematics Program for Students

The Ross Program offered by the Ohio State University in partnership with the Clay Mathematics Institute is an intensive summer experience designed to encourage motivated high school students to explore mathematics. The goal of the Ross Program is to instruct students in the art of mathematical thinking and to inspire them to discover for themselves that abstract ideas are valuable and important. First-year participants take the basic course in number theory. The application involves a set of challenging math problems.

**Participating Schools:** Available to any districts/schools/youth. Admission is competitive.

**Ohio State Contact:** Department of Mathematics, College of Arts and Sciences, 614-292-5101, ross@math.ohio-state.edu, www.math.ohio-state.edu/ross. External Partner: Clay Mathematics Institute.

## Summer Enrichment Program

The Summer Enrichment Program is designed to provide 9th- and 10th-grade students with an appreciation for and understanding of African American cultural and historical study as well as an opportunity to develop familiarity and proficiency in the use of computer technology to access information and create knowledge. The theme for the 2010 program was Spoken-word Poetry Individual Truths. This week-long workshop introduced students to the art of spoken-word poetry. Readings, lectures, discussions, live performances, field trips, videos, and computers helped students develop the following skills: poetry writing and performance, art of creativity, art of public speaking, multi-cultural awareness, self-awareness, critical thinking skills and respect of peers.

**Participating Schools:** Available to any districts/schools/youth.

**Ohio State Contact:** African American and African Studies Community Extension Center, College of Arts and Sciences, 614-292-3922, aaascec@osu.edu, aaas.osu.edu/aaascec/programs/default.

## Summer High School Volunteer Program at The Ohio State University Medical Center

This program provides 25 hours of hospital volunteering opportunities in customer service and clerical positions for high school students aged 16 and over. Approximately 50 students volunteer each summer.

**Participating Schools:** Franklin County: Columbus area schools.

**Ohio State Contact:** Volunteer Services, OSU Medical Center, 614-293-8653, medicalcenter.osu.edu/ways\_to\_give/volunteering/high\_school/Pages/index.aspx.

## Summer High School Writing Camp: Adolescent Multimedia Voices

Throughout this on-campus, 1-week camp, high school students are introduced to methods of critical thinking and writing, with an emphasis on adolescent voice on social issues for personal reflection. Students work in a computer lab and use multimedia technology to create final iMovie, PowerPoint, and Audacity presentations. They work with instructors to explore many aspects of writing and learn to blog and edit text, create audio and video recordings, and download music, still images, and voiceovers to create their multimedia presentations. The camp includes a societal writing for a purpose component and offers students cash prizes for the best written, oral, and video work. There is also an on-campus field trip. Parents and friends join students for a closing ceremony on the last day to screen the presentations.

**Participating Schools:** Available to high schools in Franklin County, surrounding suburban districts, and home-schooled students.

**Ohio State Contact:** Center for the Study and Teaching of Writing, College of Arts and Sciences, 614-688-5865, cstw.osu.edu/.

## Summer Institute for Diversity in Nursing

The Summer Nursing Institute is an interactive program that enables sophomores and juniors in high school to explore nursing careers and aims to increase the number of African American, Native American, Asian, Hispanic, and male nursing students. Because these groups are underrepresented in both the student population and the nursing profession, the College of Nursing is actively seeking to increase its enrollment. Participants complete skills labs and roundtable discussions with faculty and students, interact with state-of-the-art lifelike computerized mannequins, and learn about the many career opportunities for nurses. All participants are equipped with scrubs, stethoscopes, blood pressure cuffs, and OSU gear.

**Participating Schools:** Only a limited number of districts/schools/youth can be served.

**Ohio State Contact:** College of Nursing, 614-292-6668, nursing.osu.edu/Display.aspx?code=116.

## Summer Jazz Camp for High School Musicians

This 5-day camp offers students in grades 9-12 an in-depth study and immersion in jazz, all in a fun-filled environment. Camp highlights include combo and big band performances, listening sessions, master classes on each instrument, jazz history classes, jazz improvisation classes, arranging and composition, a closing concert, and career exploration. Classes are taught by regular Ohio State faculty.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** School of Music, College of Arts and Sciences, 614-292-4657, music.osu.edu/node/123.

## Summer Linguistic Institute for Youth Scholars

Summer Linguistic Institute for Youth Scholars is a week-long summer event designed for high school students interested in the study of language. There are up to three 1-week sessions held on OSU's main campus during the summer months. SLIYS is open to high school students from entering sophomores to seniors who are interested in foreign languages. The program includes activities aimed at helping participants become better students of language, including lectures, opportunities to speak with native Spanish, French, and Russian speakers, scavenger hunts, translating codes, and language games.

**Participating Schools:** Available to any districts/schools/youth.  
**Ohio State Contact:** Department of Linguistics, College of Arts and Sciences, 614-688-3109, [www.ling.ohio-state.edu/sliys/](http://www.ling.ohio-state.edu/sliys/).

## Summer Residential Program

The Summer Residential Program is designed to provide high school students with an appreciation for African American culture and history. Students also become familiar with computers and develop a proficiency in an array of state-of-the-art technologies. The residential aspect affords students the added opportunity to experience life on a college campus. The program is open to students entering grades 11-12 or recent graduates. In 2010, the theme of this 2-week program was 'Letz B Dwn': Social Justice Advocacy for Blacks during the American Revolutionary Era.

**Participating Schools:** Available to any districts/schools/youth.  
**Ohio State Contact:** African American and African Studies Community Extension Center, College of Arts and Sciences, 614-292-3922, [aaas.osu.edu/aaascec/programs/default](http://aaas.osu.edu/aaascec/programs/default).

## Wexner Center for the Arts Summer Youth Workshops

Weeklong (Monday-Friday), half-day workshops are offered for ages 6-14. Teen Arts Fusion workshops are for ages 15-18. Each course is developed especially for its age group and taught by practicing artist/educators (including M.F.A./Ph.D. grads and candidates in art, art education, art history, dance, theater, and architecture). Many classes emphasize cutting-edge technology or innovative interdisciplinary approaches.

**Participating Schools:** Available to any districts/schools/youth.  
**Ohio State Contact:** Wexner Center for the Arts, 614-292-6493, [edweb@wexarts.org](mailto:edweb@wexarts.org), [www.wexarts.org/learn/for\\_families/index.php?eventid=3805](http://www.wexarts.org/learn/for_families/index.php?eventid=3805).

## WiE CHEER

Made possible through a 2009 Camille and Henry Dreyfus Special Grant in the Chemical Sciences, the Women in Engineering Program's 2010 WiE CHEER Summer Camp gave 28 female students who were going into the 9th grade the opportunity to take an in-depth look at the field of chemical engineering. Participants spent the week living in a dorm on the Ohio State campus and attended hands-on workshops put together by a group of Ohio State chemical engineering graduate students. In addition to these workshops, participants toured several Columbus-area business/corporations, including a candy factory, an ice cream factory, Ashland Inc., and a Wetlands Research Park, to learn more about the importance of chemical engineering to the real world. Throughout the week, women professionals from Ohio spoke to the participants about their careers as engineers. In the evenings, participants engaged in a variety of recreation activities designed to give them a preview of undergraduate life at Ohio State. Nonrefundable \$25 application fee, and a \$295 participation fee if accepted to the program. Scholarships are available.

**Participating Schools:** Only a limited number of districts/schools/youth can be served.

**Ohio State Contact:** Women in Engineering, College of Engineering, 614-688-3118, [wie@osu.edu](mailto:wie@osu.edu), [wie.osu.edu/content/wie-race](http://wie.osu.edu/content/wie-race). External Partners: Camille and Henry Dreyfus Foundation, Ashland Chemical.

## WiE RACE

Sponsored by the Honda-OSU Partnership, the Women in Engineer Program's 2010 WiE RACE Summer Camp provided 34 female and male students entering grades 10-11 with an introduction to the various engineering disciplines through hands-on activities, interactive demonstrations, lectures, and tours. Students participating in the 2010 camp were housed on the Ohio State campus and attended session organized by various departments and administrative units within the College of Engineering. In addition, participants learned about aerospace engineering from several Wright-Patterson Air Force Base employees and other engineering departments at Ohio State. They also had the opportunity to visit The OSU Airport and Honda of America. During the evenings, students engaged in recreational activities designed to give them a preview of the undergraduate experiences available at Ohio State. Nonrefundable \$25 application fee, and a \$295 participation fee if accepted to the program. Scholarships are available.

**Participating Schools:** Only a limited number of districts/schools/youth can be served.

**Ohio State Contact:** Women in Engineering, College of Engineering, 614-688-3118, [wie@osu.edu](mailto:wie@osu.edu), [wie.osu.edu/content/wie-race](http://wie.osu.edu/content/wie-race). Ohio State Partner: Undergraduate Admissions. External Partner: Honda-OSU Partnership.

## WiE RISE (Respected, Involved, Skilled, Empowered)

Sponsored by the Honda-OSU Partnership, the Women in Engineering Program's 2010 WiE RISE Summer Camp provided 35 female students entering grade 12 with an introduction to the various engineering disciplines through hands-on activities, interactive demonstrations, lectures, and tours. Students participating in the 2010 camp were housed on the Ohio State campus and attended session organized by various departments and administrative units within the College of Engineering. In addition, participants spent time getting to know current Ohio State female undergraduate and graduate engineering students and engineering professionals. Participants also had the opportunity to visit area corporations and businesses to see firsthand the work that engineers do and the important role that they play in our local, regional, national, and global communities. During the evenings, students engaged in recreational activities designed to give them a preview of the undergraduate experiences available at Ohio State. Nonrefundable \$25 application fee, and a \$295 participation fee if accepted to the program. Scholarships are available.



Participants in WiE RISE. Photo courtesy of Women in Engineering.

**Participating Schools:** Only a limited number of districts/schools/youth can be served.

**Ohio State Contact:** Women in Engineering, College of Engineering, 614-688-3118, [wie@osu.edu](mailto:wie@osu.edu), [wie.osu.edu/content/wie-rise](http://wie.osu.edu/content/wie-rise). Ohio State Partner: Undergraduate Admissions. External Partner: Honda-OSU Partnership.

## TECHNOLOGY

### Airport Tours

Interactive tours of The Ohio State University Airport offer a behind-the-scenes experience that introduces youth to airport operations, flight training, and aircraft maintenance. Students learn about basic aerodynamics, parts of the plane and the airport's importance in the community. In 2009, 1,200 students in grades K-12 toured the airport.

**Participating Schools:** Available to any districts/schools/youth.

**Ohio State Contact:** Ohio State University Airport, College of Engineering, 614-247-4366, [www.osuairport.org/Education/Tours/](http://www.osuairport.org/Education/Tours/).

### Central Ohio Summer Welding Institute

A weeklong experience for rising seniors in central Ohio high schools was designed to encourage them to explore welding technology as a career option. Presentations and hands-on activities were sponsored by OSU Welding Engineering Program, the Edison Welding Institute, and several local manufacturing companies including Lincoln Electric and Honda America.

**Participating Schools:** Central Ohio high schools.

**Ohio State Contact:** Welding Engineering, College of Engineering, 614-761-8346, Project Lead the Way - Ohio Department of Education.

### Digital Animation: A Technology Mentoring Program for Young Women

Every June, faculty, staff, and graduate students in the Advanced Computing Center for the Arts and Design conduct a summer camp that teaches eighth- and ninth-grade girls how to create computer-generated animation. For 2 weeks, the select group of young women with artistic potential works with mentors from arts and technology fields at Ohio State using problem-solving skills and collaborative learning to create digital animation projects. The program is intended to showcase innovative technology and introduce participants to careers in the arts. In June 2009, 11 young women from Columbus area middle and high schools were mentored by three women graduate students, one undergraduate and the director of ACCAD. The topic was digital artists as proponents of social change through their art and animation. Projects focused on creating 3D animation with Maya on the topic of Ohio prairies, their history, value and preservation needs. Participants visited The Ohio State University's Marion Prairie Nature Center as a basis for understanding prairies.

**Participating Schools:** Columbus area schools.

**Ohio State Contact:** Advanced Computing Center for the Arts and Design, College of Arts and Sciences, 614-292-1053, [womenandtech@accad.ohio-state.edu](mailto:womenandtech@accad.ohio-state.edu), [accad.osu.edu/womenandtech/home.html](http://accad.osu.edu/womenandtech/home.html).

## Electrical and Computer Engineering High School Outreach

To address the shortage of engineers, Electrical and Computer Engineering (ECE) students, as part of the ECE senior capstone design course, have developed a series of hands-on engineering activities to increase awareness of science, technology, engineering, and math (STEM) among high school students and their teachers. ECE seniors and faculty have visited 15 Columbus area high schools, engaging students and their teachers in building speakers, audio equalizers, LED displays, touch-screen sensors, electric motors, a Jeopardy! style quiz game with buzzers and timers, and more. The ultimate goal of the ECE STEM initiative is to teach engineering concepts to high school teachers directly, to encourage and support independent teaching of these concepts in the high schools. Thorough documentation including parts lists and detailed directions is available at is available on the project website. With the projects in place, ECE, with Battelle's support, is organizing build parties at which teachers can come and build the projects themselves before taking them back to their schools. The project was supported by an Excellence in Engagement grant from the Office of University Outreach and Engagement. Project staff can visit any middle or high school in the Columbus area on request, subject only to availability of OSU students. Complete instructions for teachers anywhere are available on the website.

**Participating Schools:** Franklin County: Columbus City—Brookhaven High, Fort Hayes High, Linden-McKinley High, West High, Whetstone High; Hilliard City—Hilliard Davidson High; Westerville City—Westerville Central High; Whitehall City—Whitehall Yearling High; Worthington City—Thomas Worthington High, Worthington Kilbourne High; independent—Columbus School for Girls; Metro School.

**Ohio State Contact:** Department of Electrical and Computer Engineering, College of Engineering, 614-292-1323, [www.ece.osu.edu/~anderson/outreach.html](http://www.ece.osu.edu/~anderson/outreach.html).

## Summer High School Writing Camp: Adolescent Multimedia Voices

Throughout this on-campus, 1-week camp, high school students are introduced to methods of critical thinking and writing, with an emphasis on adolescent voice on social issues for personal reflection. Students work in a computer lab and use multimedia technology to create final iMovie, PowerPoint, and Audacity presentations. They work with instructors to explore many aspects of writing and learn to blog and edit text, create audio and video recordings, and download music, still images, and voiceovers to create their multimedia presentations. The camp includes a societal writing for a purpose component and offers students cash prizes for the best written, oral, and video work. There is also an on-campus field trip. Parents and friends join students for a closing ceremony on the last day to screen the presentations.

**Participating Schools:** Available to high schools in Franklin County, surrounding suburban districts, and home-schooled students.

**Ohio State Contact:** Center for the Study and Teaching of Writing, College of Arts and Sciences, 614-688-5865, [cstw.osu.edu/](http://cstw.osu.edu/).

## Youth Aviation Adventure

This half-day program located at The Ohio State University Airport introduces youths to the world of aviation in a hands-on adventure. Through the use of real aircraft to unravel the wonder and mystery of flight, youths learn about airport operations, instruments in a cockpit, and aerodynamics; preflight an actual airplane; and have the opportunity to take a free flight in an airplane through the Young Eagles program. Upon completion of the program, Boy Scouts satisfy most of the requirements for their Aviation merit badge and Girl Scouts fulfill all but the service requirement for the Cadettes/Seniors World of Flight Interest Project. All participants receive a Youth Aviation Adventure patch.

**Participating Schools:** Available to any districts/schools/youth.  
**Ohio State Contact:** Ohio State University Airport, College of Engineering, 614-247-4366, [youthaviationadventure.org/](http://youthaviationadventure.org/).

## YOUTH DEVELOPMENT

### 4-H Camping Programs

4-H camps provide a learning opportunity for youth to gain life skills, become independent, develop teamwork, learn about nature, and experience camping in a rural setting. Older teens are trained as camp counselors to help plan and conduct activities and teach and evaluate campers.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** 4-H Youth Development, OSU Extension, [www.ohio4h.org/office/camps.html](http://www.ohio4h.org/office/camps.html).

### 4-H Community Clubs

Ohio 4-H involves more than 80,000 youth in 4-H Community Clubs located in every Ohio county. Youth 5-8 years of age participate in Cloverbud Club activities in a social and supportive setting with an adult volunteer. Youth 9-18 years of age participate in self-directed project work (more than 200 projects with opportunities to show what they have learned through exhibits and fairs). Members of 4-H clubs participate in social and recreational activities as well as educational activities at club meetings. Club members elect officers, plan and conduct all club events, and participate in community service projects.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** 4-H Youth Development, OSU Extension, 614-292-4444, [www.ohio4h.org/youth/index.html](http://www.ohio4h.org/youth/index.html).

## 4-H Older Youth Programs

These programs provide leadership learning situations in committees, 4-H activities, and teen leadership groups within the county and local schools for older youth. Skills in communication, decision making, goal setting, and personal development are fostered. Older teens are then recruited for school enrichment programs, Jr. Fair Board, camp counselors, and work with special needs youth. All school districts in Richland County have the opportunity to participate as members of the Youth Safety Council. Every school district has students participating in one or more of the county's 4-H older youth programs. Approximately 1,600 students participate in the mock crash safety docu-drama.

**Participating Schools:** Richland County: Clear Fork Valley Local, Crestview Local, Lexington Local, Lucas Local, Madison Local, Mansfield City, Ontario Local, Plymouth-Shiloh Local, Shelby City.  
**Ohio State Contact:** 4-H Youth Development, OSU Extension, [www.ohio4h.org/youth/teen\\_pg/index.html](http://www.ohio4h.org/youth/teen_pg/index.html).

## 4-H Operation: Military Kids

Ohio takes part in the national Operation: Military Kids (OMK) initiative. OMK helps children of military service members cope with the stresses and changes a parent or family member's deployment brings into their lives. Through a strong partnership with the Ohio National Guard, Ohio's OMK program has reached these youth through summer camps, family recreational events, and other educational programs such as Hero Packs (care packages made to thank and salute children with deployed parents in the National Guard or Reserve), Ready Set Go (interactive training on topics such as grief, loss, and trauma), and Speak Out for Military Kids (youth-driven community outreach). These activities are designed to help youth develop effective coping strategies, find positive meaning in a negative situation, and build life skills that will help them now and in the future.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** 4-H Youth Development, OSU Extension, 614-292-3758, [omk@cfaes.osu.edu](mailto:omk@cfaes.osu.edu), [operationmilitarykids.ohio4h.org](http://operationmilitarykids.ohio4h.org).

## 4-H Pet Pals

4-H PetPALS (People and Animals Linking Successfully) is an intergenerational program of Ohio State Extension 4-H Youth Development that links youth and pets with senior adults. Adult volunteers teach skills to youth to help them interact with residents in health care facilities and senior centers. Young people learn about the physical changes associated with aging. Youth learn to select, socialize, and train pets to participate in animal-assisted activities. This 10-step experientially based leader-directed curriculum can easily be adapted for classroom and after-school settings. Teachers can select lessons and activities to educate students about the human-animal bond, pets, and senior adults. Youth experience, reflect, generalize, and apply the lessons and activities to expand their capacities to develop leadership and citizenship skills in an intergenerational environment. Approximately 40 adult volunteers and 250 youth throughout Ohio are actively engaged in this specialized 4-H program. In Pike County, the 4-H PetPALS Juvenile Diversion Program is an innovative project developed to address critical needs of at-risk youth. The objective is to provide a positive learning environment for youth to overcome undesirable behaviors and become contributing members of society. The program has served over 100 youth in after-school settings, community centers, or in extended school programming facilities for 8-week classes.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** 4-H Youth Development, Companion and Small Animal Programs, OSU Extension, 614-292-4444, [4hpetpals.osu.edu/](http://4hpetpals.osu.edu/).

4-H recreation program. Photo by Ken Chamberlain, courtesy of Communication & Technology, College of Food, Agricultural, and Environmental Sciences.



## 4-H Program at Wright Patterson Air Force Base

Ohio 4-H Youth Development and Wright-Patterson Air Force Base partnered to involve over 200 youth in 4-H programming, including after-school clubs and summer camp programs. The goal of the program is to provide positive youth development programming for military youth. Youth are engaged in new learning experiences, developing leadership potential, and are integrated into local county 4-H programming. 256 children were enrolled as 4-H members at Wright-Patt Air Force Base. Youth participated in 4-H Clubs at the Prairies Child Care Center, the Teen Center, and the summer 4-H Program at the Prairies. Prairies staff members conducted weekly sessions during the school year and summer on woodworking, photography, foods, drama, rock-etry and aerospace, citizenship, athletics, and dance. 90% of the school year 4-H participants received recognition for attendance and participation in service activities.

**Participating Schools:** Montgomery County: Cincinnati Archdiocese—St Helen Elementary; Mad River Local—Stebbins High.  
**Ohio State Contact:** 4-H Youth Development, OSU Extension, [www.ohio4h.org/military/](http://www.ohio4h.org/military/).

## Adventure Central

Adventure Central is an in-depth partnership between Ohio State Extension 4-H Youth Development and Five Rivers MetroParks that is designed to engage youth in development using a foundation of science and nature subject matter and providing homework assistance, healthful meals, and a variety of learning activities. Adventure Central program models include after-school activities, a youth leadership board, workforce preparation training and work-based learning experiences, clubs, overnight camp, and summer day camp. Over 300 youth participate in programming at Adventure Central each year, translating to more than 60,000 contact hours. Volunteers, college students, and staff members learn through direct experience with applied research projects, evaluation efforts, pilot programming, and ongoing opportunities for teens. Adventure Central Wilderness Adventures Camp and 4-H After-School Program provide opportunities for youth to be mentored by positive adult role models. Adventure Central Family Programs help strengthen relationships between families and schools. Adventure Central Workforce Preparation helps youth learn about careers and life skills through Junior Achievement, Real Money, Real World, and JET (Job Experience and Training).

**Participating Schools:** Schools in Montgomery County.  
**Ohio State Contact:** 4-H Youth Development, OSU Extension, 937-278-2601, [www.metroparks.org/ac](http://www.metroparks.org/ac).

## Belmont County Juvenile Drug Court Life Skills Program

Belmont County Juvenile Drug Court has contracted with OSU Extension to provide a series of monthly life skills lessons that include general nutrition, food safety, and food preparation skills, as well as conflict resolution, communication, anger management, interpersonal relationships, basic finances, careers, attitude, decision making, and problem solving. Twelve to 15 teens are enrolled.

**Participating Schools:** Schools in Belmont County.  
**Ohio State Contact:** Belmont County, OSU Extension, [belmont.osu.edu](http://belmont.osu.edu).

## Carving New Ideas

The Collegiate 4-H Club at The Ohio State University holds an annual Carving New Ideas (CNI) workshop for high school youth. CNI is a motivational leadership workshop to help youth develop individually and as a working member of a group. This weekend workshop allows student leaders to meet other high school students around the state of Ohio, developing lasting friendships and collaborating on ideas as they experience activities that will be challenging, a learning experience, and fun. It also motivates the youth leaders of Ohio's 4-H to improve their own leadership and gives them tools they can use for the rest of their lives. Fee for t-shirts, meals, and lodging for the weekend.

**Participating Schools:** High school students in 4-H in the state of Ohio.

**Ohio State Contact:** Collegiate 4-H, College of Food, Agricultural, and Environmental Sciences, 614-292-2979, [www.ag.ohio-state.edu/~collegiate4h/](http://www.ag.ohio-state.edu/~collegiate4h/).

## Developing Youth Leadership Skills in Teens

Teen Leadership is a yearlong program for which 18 teens were nominated by teachers, advisors, or other community members to participate. The teens participated in a series of events, educational opportunities, and a philanthropic challenge. There were monthly meetings in which speakers, events, and activities were planned that build on the skills of the teens. The teens were broken into two groups and each group chose an issue that they felt was important to Vinton County. They worked on ways to address the issue and possibly make change in the county. Each group was given a specific amount of money to use as a way to address their chosen issue. The groups implemented their plans, assessed their level of success, documented their work on the project, and reflected on possible ways to improve the plan for the future. The culmination of their work was a presentation event, which was open to the public. At this event, each group provided information about their project and the program.

**Participating Schools:** Vinton County: Vinton County Local—Vinton County High.

**Ohio State Contact:** Vinton County, 4-H Youth Development, OSU Extension, 740-596-5212, [vinton.osu.edu](http://vinton.osu.edu).

## Girls Circle

The Girls Circle Project is a service-based, year-long immersion project that trains college women to become Girls Circle facilitators and run Girls Circles in Columbus-area schools or agencies with middle or high school-aged girls. This project gives college women the opportunity to grow, learn, and challenge themselves through training, facilitation, and experiences working with adolescent and teenage girls. The Girls Circle model, a structured support group for girls from 9-18 years, integrates relational theory, resiliency practices, and skills training in a specific format designed to increase positive connection, personal and collective strengths, and competence in girls. It aims to counteract social and interpersonal forces that impede girls' growth and development by promoting an emotionally safe setting and structure within which girls can develop caring relationships and use authentic voices. The circles have a leader as well as a well-tested, weekly curriculum and evaluation methodology. The focus is on discussion, decision-making skills and critical thinking. In the 2009-10 academic year 35 women ran 15 circles in Columbus-area schools and organization, serving approximately 160 girls.

**Participating Schools:** Franklin County: Columbus City—Arlington Park Elementary, Indianola Informal K-8, Parkmoor Elementary; Grandview Heights City—Grandview Heights High; New Albany-Plain Local—New Albany Middle School; Reynoldsburg City—Waggoner Road Middle; independent/charter—W.C. Cupe Community, Wellington School, Pschtec High. Schools need to be in Franklin County or within a 30-minute driving distance of the OSU-Columbus campus.

**Ohio State Contact:** University Honors and Scholars, Office of Enrollment Services and Undergraduate Education, 614-292-1794, [www.girlscircle.com](http://www.girlscircle.com). Ohio State Partner: Economic Access Initiative, Office of Academic Affairs. External Partners: YWCA, Columbus Housing Partnership.

## Hardin County Youth Leadership Program

In the program's 15th year, 36 sophomores completed the Hardin County Youth Leadership program. Extension plans and oversees the eight personal/community leadership development training sessions held monthly during the school year. The students develop the confidence and skills to take charge when a job needs to be done. These students are more likely to volunteer and show a passion to make things better for the benefit of all students and their community. This program is a true model of cooperation between schools, businesses, and community organizations.

**Participating Schools:** Hardin County: Ada Exempted Village—Ada High; Hardin Northern Local—Hardin Northern High; Kenton City—Kenton High; Ridgemont Local—Ridgemont High; Riverdale Local—Riverdale High; Upper Scioto Valley Local—Upper Scioto Valley High.

**Ohio State Contact:** Hardin County, OSU Extension, [guernsey.osu.edu/hardin/topics/community-development/youth-leadership](http://guernsey.osu.edu/hardin/topics/community-development/youth-leadership).

## Health Rocks

Health Rocks, a series of healthy decision-making educational programs, was provided in both the county and city school systems in Gallia County. Trained teen presenters taught elementary age students a variety of lessons on living healthy and making good decisions. In Meigs County, Teen Leaders contributed 150 service hours as Health Rocks Teen Mentors in the after-school programs. The teens taught and mentored school-age youth about making positive decisions about drugs, alcohol, and tobacco in a 6-week program.

**Participating Schools:** Gallia County: Gallia County Local, Gallipolis City. Meigs County: Eastern Local, Meigs Local, Southern Local.

**Ohio State Contact:** Meigs County, OSU Extension, 740-992-6696, [gallia.osu.edu](http://gallia.osu.edu), [meigs.osu.edu](http://meigs.osu.edu).

## Hocking County Youth Board

The Hocking County Youth Board is open to youth in grades 8 through 12 who are involved in other youth groups in Hocking County. The purpose of the board is to develop future leaders. The group holds an annual retreat to learn leadership and philanthropic skills and conducts numerous fund raisers. Then, the money is donated in the form of mini-grants to area youth groups for community service projects.

**Participating Schools:** Schools in Hocking County.

**Ohio State Contact:** Hocking County, OSU Extension, [hocking.osu.edu](http://hocking.osu.edu).

## Learning in Fitness and Education through Sports (LiFE Sports)

Learning in Fitness and Education through Sports (LiFE Sports) is designed to foster social competence among youth through their involvement in sport, fitness, and educational activities. This youth development initiative is built upon a historical community outreach program operating at Ohio State (National Youth Sport Program). The program serves approximately 600 predominately urban and underserved youth from the greater Columbus area during a 4-week summer day camp. Campers participate in a variety of sport and education activities throughout each day, which are infused with curriculum targeting the development and enhancement of social competence (i.e., self-control, effort, teamwork, and social responsibility). Campers have the opportunity for daily interaction with Ohio State students, student-athletes, and teachers from the community; transportation to and from camp; and breakfast and lunch. Sports clinics are also provided to youth six times throughout the academic year at Boys and Girls Club of Columbus sites and the Ohio State University campus. The LiFE Sports team also partners with Undergraduate Admissions and First Year Experience, the P-12 Project and Economic Access Initiative to provide participants with college access and career exploration activities. The LiFE Sports program is supported in part by an Excellence in Engagement grant from the Office of University Outreach and Engagement.

**Participating Schools:** Schools in Franklin County.

**Ohio State Contact:** College of Social Work, 614-292-6934, [www.osulifesports.org](http://www.osulifesports.org). Ohio State Partners: Department of Athletics, P-12 Project, Office of Academic Affairs; School of Physical Activities and Educational Services, College of Education and Human Ecology; Office of Undergraduate Admissions and First Year Experience, Economic Access Initiative, Office of Academic Affairs; Department of Recreational Sports, Office of Student Life. External Partner: Boys and Girls Club of Columbus.

### Mini-Community

Approximately 400 sixth grade students, 450 third grade students, and 25 high school student leaders participated in the Developing Smart Money Skills for the Mini-Community program at Hillsboro City Schools. The program involves mentoring and experiential learning with each educational level. High school students completed a training program, practicing lesson plans, and learning financial information from local bankers. High school students then practiced their mentoring, teaching, and public speaking skills by helping the 4-H professionals teach money management lessons to sixth-grade social studies classes. Students learned economic concepts such as scarcity, supply and demand, opportunity cost, and running a business. With the help of high school students, sixth graders elected officers, created business products out of crafts, paid for business expenses (with pretend money), and practiced lessons to teach elementary students. On the last day of the program, all sixth-grade students, along with the high school volunteers, traveled to the elementary school to teach third-grade students interactive money management lessons and sell their business products to the third graders.

**Participating Schools:** Highland County: Hillsboro City.

**Ohio State Contact:** Highland County, OSU Extension, high@postoffice.ag.ohio-state.edu, highland.osu.edu.

### New York Life Youth in Governance 4-H Clubs

This program provides youth with opportunities to improve their communication and leadership skills, learn the ideals of democracy, and enhance their citizenship through service-learning projects. Youth Club members also have an opportunity to attend Citizenship Washington Focus, a weeklong learning experience in Washington, DC.

**Participating Schools:** Cuyahoga County: Cleveland Metropolitan—East Technical High, John Adams High; Parma City; Shaker Heights City—Hanna Perkins Elementary.

**Ohio State Contact:** Cuyahoga County, OSU Extension, cuya@ag.osu.edu.

### Ohio 4-H Program

The Ohio 4-H program is coordinated by county, district, and state 4-H youth development professionals, who are staff members of Ohio State University Extension. More than 100 4-H youth development agents work in Ohio's counties. In 2009, 336,293 youth were involved in 11,802 different clubs and groups: 25% participated in organized clubs, 24% participated in school enrichment units, and 36% participated in special interest units; 46,046 youth participated in 4-H camps. Programs include Community Clubs, Organized In-School Clubs, After-School Clubs, Military Kids Clubs, overnight and day camps, school enrichment units, individual student mentoring, and school-age child care educational programs.

**Participating Schools:** Available to all districts/schools/youth in Ohio.

**Ohio State Contact:** OSU Extension, www.ohio4h.org.

### Ohio Youth Leadership Summits on the Environment

Youth summits are organized events for up to 20 high school students to discuss environmental issues, learn leadership skills, and develop an action plan to improve their neighborhood, community, or the environment. The summits are facilitated by a team of Ohio State University undergraduates. Several summits have been held in Columbus and Cleveland in 2008 and 2009, serving approximately 50 youth. Evaluations from participants have been highly favorable. Ongoing follow-up is underway to document impacts on participants as well as communities and the environment.

**Participating Schools:** Available only to certain districts/schools/youth. Interested schools or youth groups should contact Kristi Lekies. Project serves youth from various school districts in the Columbus and Cleveland areas; other communities can be considered for 2009-2010.

**Ohio State Contact:** Department of Human and Community Resource Development, College of Food, Agricultural, and Environmental Sciences, 614-688-3537.

### Positive Lifestyles Career Program

This student-based motivational speakers bureau has been serving Allen County students for over 13 years, reaching thousands of students in grades 6-12. The program is composed of African American professionals and community members interested in making a difference in the lives of youth. This program encourages students to make positive choices in the areas of career/vocational choices, personal/interpersonal relationships, academic improvement, goal setting/future planning, and life skill development.

**Participating Schools:** Allen County: Lima City.

**Ohio State Contact:** Office of Institutional Diversity, Ohio State Lima, 419-995-8806.

## ROX! Ruling Our eXperiences

ROX is an evidence-based empowerment program for girls that focuses on self-esteem, self-concept, body image, healthy assertiveness, healthy relationships, leadership, career development, and prevention of sexual violence. The program is designed as an intervention for young girls dealing with body image, gender roles, sexual harassment, career development, leadership development, femininity, and sexual violence. The goals are to improve the physical self-concept of participants, increase healthy assertiveness in participants, dispel myths about sexual assault and sexual violence, increase the self-esteem of participants, address issues of body image and societal and media influences, teach girls how to defend themselves, and encourage girls to pursue nontraditional educational, personal, and career options. Findings indicate that girls who participate in ROX have statistically significant improvements in self-concept and self-esteem as well as improved knowledge and skills to handle potentially threatening situations. Now in its fourth year, ROX has served more than 800 girls in Columbus and Cleveland.

**Participating Schools:** Cuyahoga County: Cleveland Catholic Diocese—Our Lady of Angels Elementary, Our Lady of Good Counsel Elementary, St Francis Elementary, St Jerome Elementary, St Martin of Tours Elementary, St Stanislaus Elementary, St Thomas Aquinas Elementary, Sts Cyril and Methodist Elementary, Holy Name High, Villa Angela St. Joseph High. Franklin County: Columbus City—Cranbrook Elementary, East Columbus Elementary, Weinland Park Elementary, Linden-McKinley High, Mifflin High; Upper Arlington City—Greensview Elementary; Westerville City—Westerville South High; Whitehall City—Rosemore Middle; independent—Columbus Arts & Technology Academy, Columbus Preparatory Academy, Metro School.

**Ohio State Contact:** Interprofessional Commission of Ohio, 614-292-5621, [www.rulingourexperiences.com/Welcome.html](http://www.rulingourexperiences.com/Welcome.html).

## SKY (Strengthening Knowledge in Youth)

SKY (Strengthening Knowledge in Youth) was an after-school program at Malinta-Grelton Elementary School held during the school year, October to May. Forty youth, grades 3 and 4, participated. This doubled the number of youth who participated in 2008-2009. Six teens served as mentors for these elementary youth, assisting them with homework and special activities. SKY Mentoring was initiated with the Napoleon Area Schools, focusing on grades 2-6 participants and high school youth serving as mentors. Forty-two elementary youth participated in 2009-2010. The program was conducted through a partnership with Henry County United Way and Henry County 4-H Endowment. There is no cost to the school nor participants for this program.

**Participating Schools:** Henry County: Napoleon Area City; Patrick Henry Local—Malinta-Grelton Elementary.

**Ohio State Contact:** Henry County, OSU Extension, 419-592-0806.

## Supplemental Education for Schools

Adolescents frequently engage in risk-taking behaviors such as drug and alcohol use, sexual activities resulting in sexually transmitted diseases and unwanted pregnancies, irresponsible vehicle operation, and violence. To address these issues, Supplemental Education for Schools was offered in local schools and at the local alternative school for adjudicated youth. Participants reported learning new social and life skills; many planned to use what they learned. The program was presented in conjunction with the Jefferson County Juvenile Court System.

**Participating Schools:** Harrison County: Belmont/Harrison Career Center, Harrison Hills City. Jefferson County: Buckeye Local, Edison Local, Indian Creek Local, Steubenville City, Toronto City.

**Ohio State Contact:** Harrison County, OSU Extension, 740-264-2212, [harrison.osu.edu](http://harrison.osu.edu), [jefferson.osu.edu](http://jefferson.osu.edu).

## Teen Leadership College

You are the Essential Piece, a leadership and team-building program developed by OSU Extension, was presented to all Martins Ferry High School students to help them break down barriers, get to know each other better, and learn how important they are to the overall success of their individual class and school. Nearly 600 youth were reached with this program.

**Participating Schools:** Belmont County: Martins Ferry City—Martins Ferry High.

**Ohio State Contact:** Belmont County, OSU Extension, [belmont.osu.edu](http://belmont.osu.edu).

## WorldView

Every thinking mind needs a worldview. This program builds on the cross-cultural understandings, perspectives, and influences of many different types of contemporary artists. Each year, the Wexner Center offers an experience with an artist making work within a unique, culturally comprehensive context. Featured artists' works may be interwoven with cultural, political, social, and economic influences.

**Participating Schools:** Clark County: Springfield City—Springfield High. Franklin County: Columbus City—Beechcroft High, Columbus Alternative High, Walnut Ridge High; Upper Arlington City—Upper Arlington High.

**Ohio State Contact:** Wexner Center for the Arts, 614-292-6493, [edweb@wexarts.org](mailto:edweb@wexarts.org), [wexarts.org/learn](http://wexarts.org/learn).

## Youth Advisory Committee Annual Youth Summit

More than 300 youth from around the county attended We're Taking Over—Youth Confronting Social Issues Annual Youth Summit. Youth attendees reported a better understanding of topics such as sexual health, diversity, workforce preparation, and environmental and community responsibilities.

**Participating Schools:** Cuyahoga County: Beachwood City; Berea City—Midpark High; Brecksville-Broadview Heights City; Cleveland Heights-University Heights School District; Cleveland Metropolitan; East Cleveland City; Garfield Heights City; Lakewood City; Maple Heights City; Parma City—Greenbriar Middle; Richmond Heights Local—Richmond Heights High; Shaker Heights City—Shaker Heights High; Solon City; South Euclid-Lyndhurst City—Brush High; Strongsville City; Warrensville Heights City; independent/charter—Elite Academy of the Arts, E-Prep Charter School, Horizon Science Academy, Laurel School, Constellation Schools (Madison Community).

**Ohio State Contact:** Cuyahoga County, OSU Extension, [cuya@ag.osu.edu](mailto:cuya@ag.osu.edu).

## Youth Beat Radio

Youth Beat Radio is a weekly half-hour youth radio program focused on youth perspectives, youth community service, community action, leadership, and music on community radio station WCRS 102.1/98.3 FM Columbus. The program is produced by students of the Ohio State University. A goal is to expand the program to include youth news and events across the Columbus area and to replicate the program at other schools and in other communities.

**Participating Schools:** Franklin County: Upper Arlington City—Upper Arlington High. Other schools should contact Kristi Lekies if interested in having students interviewed or to produce a show.

**Ohio State Contact:** Department of Human and Community Resource Development, College of Food, Agricultural, and Environmental Sciences, 614-688-3537, [youthbeat.osu.edu](http://youthbeat.osu.edu).

## Youth Educational Shoplifting (YES)

The OSU Extension Hocking County Family and Consumer Sciences Program cooperated with the Hocking County Juvenile Court to offer Youth Educational Shoplifting (YES) classes. Developed by the National Association of Shoplifting Prevention, the educational program is designed to help youth understand why they shoplifted and how to avoid doing it again in the future. To fulfill the program requirements youth must complete 5–6 hours of homework and participate in the 6-hour class.

**Participating Schools:** Schools in Hocking County.

**Ohio State Contact:** Hocking County, OSU Extension, [hocking.osu.edu](http://hocking.osu.edu).

4-H gardening program. Photo by Ken Chamberlain, courtesy of Communication & Technology, College of Food, Agricultural, and Environmental Sciences.

