Alum Crest High School

**Program Name:** Athletic Training  
**College:** OSU Medical Center, Sports Med-Sports Performance

**Program Description:** Our outreach program is a multidisciplinary one comprising physicians, athletic trainers, physical therapists, sport psychologists, sports nutritionists, sports performance specialists and other healthcare professionals. Under the direction of our physicians, who also serve as the team physicians for The Ohio State Buckeyes, we currently provide outreach and/or sports performance services to Columbus City Schools, Dublin Jerome Lacrosse, Gahanna Christian Academy, Granville Exempted Village Schools, Grove City Christian High School, Hilliard Darby Lacrosse and Whitehall Yearling High School.

This coverage includes coverage during high school practices and contests with initial injury evaluations, rehabilitation of athletic injuries and making return to play decisions. Additionally, our athletic trainers provide sports medicine workshops for coaches, satisfying requirements for the Ohio Department of Education Pupil Activity Supervisor Permit.

**Contact person:** Karri Benishek, benishek.2@osu.edu

Arts Impact Middle School (Aims)

**Program Name:** Breakfast of Science Champions (ASC)  
**College:** Coll of Arts and Sciences, STEM Initiative

**Program Description:** The Breakfast of Science Champions offers Columbus City Schools middle school students the opportunity to explore science, math, and engineering at The Ohio State University in a program designed especially for them. Students spend a morning on campus and enjoy breakfast with faculty and graduate students from sciences, mathematics, and engineering to learn about career opportunities and attending college. Students then tour labs and participate in a variety of activities.

**Target group(s):** Gifted students first-generation college students

**Contact person:** Christophe Andersen, andersen.18@osu.edu
Beechcroft High School

Program Name: Art in Action
College: Office of Academic Affairs,

Program Description: For many artists, art is a vehicle for communication. Among other things, an artist's work can raise awareness about a social injustice, it can serve as a means of protest, or it can help the artist (and viewer) work through an interpersonal issue.

Art in Action brings teachers, their students, and the Wexner Center together in partnership to create art that creates change. This partnership begins with rigorous professional development for teachers, setting the foundation for school-driven, transdisciplinary lesson planning. Activities that take place at the start of each partnership will build the foundation of knowledge needed to understand how art can be used as a catalyst for change. Students and their teachers will become actively aware of the conceptual and communicative nature of contemporary art.

During this period, participants can either choose to respond to an issue presented by the work of a contemporary artist or, instead, choose and explore an issue or problem of particular concern to their group or school. Art in Action projects are not meant to stand apart from regular classroom activities (creating a lot more work). Each collaborative project will be designed by participating teachers in partnership with Wexner Center staff and will be planned to compliment and intertwine with day to day classroom curriculum.

An important element of Art in Action is community involvement. Participants will be encouraged to engage in project/issue research, utilizing resources and primary sources found in Columbus or the broader national and global community. Art in Action will also utilize center programming as a major resource, bringing classes to the Wexner Center repeatedly throughout the partnership. The Wexner Center will provide assistance and financial support to Art in Action partners. This can include bus subsidies, special teaching support, and help with project supply purchases. Beyond the school day, Art in Action educators will become primed to act as liaisons between their students and Wexner Center youth programming, working with center staff to promote weekend workshops and other non-school-based activities, keeping students engaged in their community.

Contact person: Shelly Casto, casto.21@osu.edu
**Berwick Alternative K-8 School**

**Program Name:** Learning in Fitness and Education through Sports Initiative (LiFE Sports)

**College:** Athletics, Athletics

**Program Description:** Today, many youth are faced with basic unmet needs, family conflict and instabilities, as well as many other emotional, behavioral, and mental health issues and disorders. After school, youth development programs and other youth organizations have been increasingly beneficial in addressing risk factors, as well as promoting healthy youth development.

Researchers have only begun to scratch the surface on understanding specific program characteristics and practices that create positive outcomes for youth, as well as how youth workers can be better prepared and trained for helping implement and influence these intended outcomes.

In response to this need, The Ohio State University (OSU) has developed the LiFE Sports Initiative as an innovative approach to achieve the University’s land grant mission. The LiFE Sports Initiative addresses and meets the needs of today’s youth and youth-serving agencies and organizations through service and outreach, teaching and learning, and research.

Our mission is: “Enhance the quality of youth development, sport, and recreational programs through service and outreach, teaching and learning, and research, thereby increasing positive development outcomes for youth.”

**Target group(s):** Economically disadvantaged

**Contact person:** Rebecca Wade-Mdivanian, wade-mdivanian.1@osu.edu

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**Bluffsvie Elementary School**

**Program Name:** Ohio-Japan Discovery Box Exchange Program

**College:** Office of Academic Affairs, East Asian Studies Center

**Program Description:** Educators and their students create an “Ohio Box” that is sent to a school in Japan to teach about Ohio and includes anything that tells about their school, city, state, or classroom. The students learn about Japan from a video or items sent to Ohio. For some schools, presentations about Japan were also included in the program.

**Contact person:** Janet Stucky Smith, stucky.7@osu.edu
Briggs High School

Program Name: CAAP (Collaborative Articulation and Assessment Project)
College: Coll of Arts and Sciences, Humanities Devel/Outreach

Program Description: CAAP is a creative, action-oriented articulation project designed to address the problems typically associated with leading language learners from high school to post-secondary foreign language instruction. CAAP provides Early Assessment Measure Exams each spring to high school students in Ohio. The proficiency-based exams are offered in French, German, Spanish and Chinese, and they measure writing, reading, listening and speaking skills. Each student receives a report on his or her performance on these exams with an indication of potential university course placement, as well as a comparison score to other high school students in Ohio who took the same exam.

Contact person: Rebecca Bias, bias.3@osu.edu

Brookwood Elementary School

Program Name: Youth Expanded Food and Nutrition Education Program (EFNEP)
College: Coll of Food,Agr,Envir Science, OSUE-Consumer Sciences

Program Description: Program Assistants throughout the state work in schools, after school programs, camps, and summer food services programs to teach low income youth about nutrition, physical activity, food safety, and food resource management in an interactive 6 session program.

Target group(s): Economically disadvantaged

Contact person: Korrin Vanderhoof, vanderhoof.11@osu.edu
Burroughs Elementary School

Program Name: Reading Recovery
College: Coll of Education & Human Ecol, EHE Teaching & Learning

Program Description: Reading Recovery, a licensed program of The Ohio State University, is a short-term early literacy intervention of one-to-one tutoring for the lowest-achieving first graders. Experimentally-designed research has shown that Reading Recovery improves student reading achievement on average by over 30 percentile points; and in fact, it is the USDE’s What Works Clearinghouse highest-rated beginning reading intervention. The accelerated gains that these students make are critical if struggling readers are to have an opportunity to catch up to their peers; thereby reducing a school’s special education referral rate to all but those who really need long term, more tert

Target group(s): Lowest achieving first grade students

Contact person: Emily Rodgers, rodgers.42@osu.edu

Cedarwood Alternative Elementary School @ Stockbridge ES

Program Name: after school exercise program
College: Coll of Education & Human Ecol, Kinesiology PhD

Program Description: We are partnering with Cedarwood Alternative Elementary program to offer an after-school exercise program to target on students with few opportunities to be physically active at home. So far, we have around 15 students enrolled in this program. It runs 2 hours per day three days a week for both Fall 2014 and Spring 2015. Two graduate students and one visiting scholars will be involved in this program.

Target group(s): Students with special needs

Contact person: weidong li, li.832@osu.edu
Centennial High School

Program Name: LASER High School Scholars Program
College: Office of Academic Affairs, Office-Diversity & Inclusion

Program Description: LASER High School Scholars are underrepresented groups, especially Latino High School students, in the Central Ohio area who are mentored by current undergraduate students at The Ohio State University. The mentorship curriculum is tailored to meet the needs of the individual students with a focus on preparing students for successful admission to college.

Target group(s): Hispanic or Latino/Latina

Contact person: Elena Costello, costello.45@osu.edu

Centennial High School

Program Name: Writer’s Guild Community Workshops
College: Coll of Arts and Sciences, ASC Div of Arts & Humanities

Program Description: The Writers Guild has launched a series of generative workshops in community settings for Columbus residents, including students in local public high schools. These creative writing workshops aim to create safe spaces for self-expression without the anxiety of "Good Writing" or "Right Answers" - a space for the kind of exploration college admission committees reward and the job market values but which academic settings occasionally hinder in their dedication to quantifiable, test-based, gains

Contact person: Mchelle Herman, herman.2@osu.edu

Champion Middle School

Program Name: Doctors in Science
College: College of Medicine, Med - Minority Affairs

Program Description: The Schweitzer Fellow addressed the lack of exposure of underprivileged youth to the healthcare professions. He is leading a longitudinal mentorship program for middle school students in Columbus interested in science, medicine, and dentistry. Partnering with Champion Middle School, His aim was to expose students to various aspects of healthcare and to help them develop constructive habits to facilitate their continued academic success and growth.

Target group(s): African American

Contact person: Chip Bahn, bahn.3@osu.edu
Columbus Africentric Early College

**Program Name:** Youth Leadership Academy  
**College:** Athletics, Athletics

**Program Description:** The LiFE Sports Youth Leadership Academy is a special program dedicated to preparing LiFE Sports Youth, ages 15-18, for college and future careers. The Leadership Academy seeks to expand on the important skills taught at LiFE Sports (i.e., S.E.T.S – self-control, teamwork, effort, and social responsibility) by providing older youth with additional education and work experiences that will help them gain the necessary skills to succeed at work and in life. The Youth Leadership Academy is comprised of three phases; the Skills Phase, the Success Phase, and the Culminating Event. Each phase is targeted at a different skill-set that builds upon the previous phase.

**Target group(s):** Economically disadvantaged

**Contact person:** Rebecca Wade-Mdivanian, wade-mdivanian.1@osu.edu

Columbus Alternative High School

**Program Name:** Pages Art and Writing Program  
**College:** Office of Academic Affairs, WCA-Education

**Program Description:** Pages is an innovative multidisciplinary program that supports literacy and writing skills through the exploration of contemporary art, film, and performing arts. This free program pairs educators from the Wexner Center with high school teachers from across central Ohio in the planning of writing-based, experiential learning opportunities for students. Pages students then visit the center to experience gallery exhibitions, a performance, and a film and respond to those experiences in journal entries, prose, and poetry. The curriculum fully engages and supports new core state and national education standards.

**Contact person:** Shelly Casto, casto.21@osu.edu
Program Name: Summer Research Internships
College: College of Engineering, Materials Science Engineering

Program Description: These are 10 week internships (30 hrs/week) designed to expose high school students to engineering research. This program was supported through the NSF I/UCRC center in Welding Engineering at OSU. The center engaged Columbus Alternative High School and employed 4 students during Summer 2014. Students were assigned a research project and were mentored by PhD students. At the end of the summer, they each made a final presentation and prepared a poster that summarized their work.

Contact person: John Lippold, lippold.1@osu.edu

Program Name: Teaching and learning literature-related argumentative writing in high school Eng.
College: Coll of Education & Human Ecol, EHE Teaching & Learning

Program Description: This intervention will include viewing argumentation as a way of learning, building consensus, or creating new knowledge; gaining pedagogical knowledge for teaching argumentation; facilitating extended, in-depth, reasoned exchanges; teaching argumentation via integration throughout instructional units; and using specific rubrics for assessing argumentative writing. Researchers will (a) work collaboratively with ELA teachers from 7 school districts (2 urban and 5 suburban) in central Ohio in Years 1 and 2 to develop an intervention based on an initial version, and (b) to evaluate the intervention’s promise for generating the intended beneficial student outcome

Target group(s): High School English Language Arts Classrooms

Contact person: Danielle Poling, poling.161@osu.edu
Columbus City Preparatory School for Boys

Program Name: Middle School Mentoring Program
College: Office of Academic Affairs, A.A.M.R.C.

Program Description: The Middle School Mentoring Program is one of the signature outreach programs of The Todd Anthony Bell National Resource Center on the African American Male. The program is unique from other mentoring programs because it utilizes a group mentoring model. Undergraduate members of the BRC serve as mentors to 7th grade African American males at Columbus City Preparatory School for Boys. Currently, mentors meet with the students every Friday in school during lunch. The activities range from workshops and focus groups to social and cultural field trips. The workshops focus on five main areas:


This program encourages academic excellence, social and behavioral development, and a positive self esteem through consistent interaction with mentors. By cultivating relationships within local Columbus Public Schools, the BNRC hopes to address the needs of black males early in their educational paths.

Target group(s): Economically disadvantaged, Gender-based: Male

Contact person: Tai Cornute, cornute.2@osu.edu
Columbus City Preparatory School for Girls

Program Name: Mission STEM-Possible
College: Coll of Food,Agr,Envir Science, Plant Pathology

Program Description: Mission STEM Possible is a STEM careers enrichment program which served 30 8th grade girls at Columbus City Preparatory School for Girls. Originally funded by an American Association of University Women Community Action Grant, Mission STEM Possible engaged participants in nine months of hands-on science activities led by various Ohio State University academic units. The program also engaged participants in readings and reflections on women of color as scientists.

Target group(s): Economically disadvantaged, African American, girls interested in STEM, Hispanic or Latino/Latina, Gender-based: Female

Contact person: Victoria Dunn, dunn.7l@osu.edu

Program Name: Mission STEM-Possible
College: College of Nursing,

Program Description: Mission STEM Possible is a STEM careers enrichment program which served 30 8th grade girls at Columbus City Preparatory School for Girls. Originally funded by an American Association of University Women Community Action Grant, Mission STEM Possible engaged participants in nine months of hands-on science activities led by various Ohio State University academic units. The program also engaged participants in readings and reflections on women of color as scientists.

Target group(s): Economically disadvantaged African American girls interested in STEM Hispanic or Latino/Latina Gender-based: Female

Contact person: Jennifer Robb, robb.48@osu.edu
Columbus City Preparatory School for Girls

Program Name: Mission STEM-Possible
College: College of Optometry,

Program Description: Mission STEM Possible is a STEM careers enrichment program which served 30 8th grade girls at Columbus City Preparatory School for Girls. Originally funded by an American Association of University Women Community Action Grant, Mission STEM Possible engaged participants in nine months of hands-on science activities led by various Ohio State University academic units. The program also engaged participants in readings and reflections on women of color as scientists.

Target group(s): Economically disadvantaged African American girls interested in STEM Hispanic or Latino/Latina Gender-based: Female

Contact person: Barbara Fink, fink.4@osu.edu

Columbus International High School

Program Name: Arabic Camp
College: Coll of Arts and Sciences,

Program Description: This Saturday, and after-school program teaches students Arabic by immersing them in the language and introducing them to culture through Arabic calligraphy and the instructors sharing their experience with Arabic or growing up in Arabic-speaking communities. The itinerary:

TIME 1:00-1:30 Introductions. Students learn greetings and introductions in Arabic / TIME 1:30-2:00 Presentations: Kirk Belnap and Maggie Nassif / TIME 2:00-2:30 More Arabic, role playing / 2:00-3:00 Success Stories / 3:00-3:30 Calligraphy / 2TIME 3:30-4:00 Wrap up

Target group(s): :

Contact person: Melinda McClimans, mcclimans.2@osu.edu
Program Name: Youth Beat Radio: The Voice to Empower
College: Coll of Food,Agr,Envir Science, Sch of Environ & Natural Re

Program Description: Youth Beat Radio is a weekly radio program aired on Columbus Community Radio Station WCRS 102.1/98.3 FM. It is produced by Central Ohio youth and features stories of youth leadership, community involvement, and action. It is designed to be of interest to youth and adult audiences and covers a broad range of topics including community issues, environment, health, relationships, sports, current trends, and the arts. The program has aired since 2009 and over 100 shows have been produced. A diverse group of students have participated as producers, planners, and interviewees. The program provides a unique experience that allows youth voices to be heard by a public audience.

Target group(s): students presenting capstone projects

Contact person: Kristi Lekies, lekies.1@osu.edu

Columbus Spanish Immersion K-8 School

Program Name: Bringing Learning to Life: Service-Learning Initiative
College: Coll of Education & Human Ecol, Teaching & Learning Admin

Program Description: This program is a professional development opportunity for local teachers and teacher educators who are invested in collaborating with their students to design, implement, and monitor high-quality service-learning and community engaged projects. Teachers, teacher educators, and K-12 students work with community organizations/groups in ways that connect academic learning to community engaged work.

Contact person: Valerie Kinloch, kinloch.2@osu.edu
Crooksville High School

Program Name: The Mathematics Coaching Program
College: Coll of Education & Human Ecol, EHE Teaching & Learning

Program Description: The Mathematics Coaching Program (MCP), in its tenth year, is designed as a training program for experienced teachers who work as full-time mathematics coaches. These coaches team with teachers, in their classrooms daily in six-week rotations, and assist them in implementing research-based strategies that help K-12 students learn mathematics. Results have warranted the Ohio Department of Education to fund this program for an additional two years.

Some of the 239 schools, in which we have had coaches, moved their Academic Status from Academic Emergency to Excellence in just three years. MCP’s 225 coaches have had statistically significant gain scores in mathematics content and many of the 4,000+ mathematics teachers with whom they have worked have improved their mathematics content and pedagogical skills.

The program is targeted at supporting the mathematics learning of all students in participating schools. However, the program has consistently targeted high-needs schools, including schools that have been in academic emergency, with large proportions of low SES student populations. Additionally, mathematics coaches, depending on their year of participation in the 3-year professional development program, may receive professional development aimed at particular populations such as English Language Learners.

Target group(s): Economically disadvantaged

Contact person: Lucia Flevares, flevares.1@osu.edu

Darbydale Elementary School

Program Name: K-12 Outreach
College: Office of Academic Affairs, Slavic/Eastern European Cen

Program Description: We deliver lectures and presentations to K-12 schools throughout Central Ohio on demand for topics relating to Eastern Europe and Eurasia in a variety of subjects and school levels. In 2013-14, we made 3 in school presentations. / 1.) "Introduction to Russia" at Emerson Magent School and Darbydale Elementary School / 2.) "Animal Farm and Stalinism" at Westerville High School /

Contact person: Eileen Kunkler, kunkler.10@osu.edu
**Hamilton STEM Academy (K-6)**

*Program Name:* Buckeye Behavior Analysis Services  
*College:* Coll of Education & Human Ecol, Dept of Educational Studies

*Program Description:* Graduate students in special education and school psychology work under faculty supervision with school personnel and families of students with special needs who have been referred because of intensive or chronic behavior management and/or academic performance concerns. Graduate students conduct assessments; develop and evaluate treatments based on assessments; and provide training and assistance to teachers in implementing evidence-based practices.

*Target group(s):* Students with special needs

*Contact person:* Nancy Neef, neef.2@osu.edu

**High Point Elementary School**

*Program Name:* The Ohio State University Speech-Language-Hearing Clinic  
*College:* Coll of Arts and Sciences, Speech & Hearing Clinics

*Program Description:* The clinic provides services to children with speech/language/hearing disorders. These services including diagnostic, treatment, and consultative services to children, their families, and their school districts.

*Target group(s):* Students with special needs

*Contact person:* Gail Whitelaw, whitelaw.1@osu.edu
Hilliard Davidson High School

**Program Name:** High School Outreach Program  
**College:** College of Engineering, Integrated Systems Engineer

**Program Description:** ISE Students go to a training session and receive a powerpoint on facts about ISE and Engineering at OSU. They can either return to their high school and give the presentation to science or engineering classes and/or they are apart of a committee that presents to local high schools. They have an option of doing an additional activity if they have time and resources. After the presentation, they ISE student gives out a survey to the high school students gauging their interests and knowledge of ISE. The surveys are collected and entered into an excel sheet.

**Contact person:** Rehgan Avon, avon.7@osu.edu

Innis Elementary School

**Program Name:** Scientific Thinkers  
**College:** Coll of Arts and Sciences,

**Program Description:** The Scientific Thinkers program will motivate the next generation of scientific thinkers from parts of our society that are often marginalized. A large majority of the students at the school are economically disadvantaged; furthermore, about 80% of the students are ethnicities that are vastly underrepresented in the scientific community.

We would like to introduce the elementary students to experiment-based science at an early age. This will allow them to enjoy science at a time in which they are naturally very curious about the world around them. They will gain confidence in their own abilities as students and as scientific thinkers.

The Scientific Thinkers program will not only help the schools and students, but also the volunteers: graduate and undergraduate students, post docs and professors from The Ohio State University (OSU). We believe that program participation will illustrate the importance of giving back to the community in a concrete and measurable way throughout their careers. Furthermore, as scientists, volunteers will be given a unique opportunity to improve their skills at communicating science to the public, which is an important part of being a responsible scientist in the community.

**Contact person:** Michelle McCombs, mccombs.75@osu.edu
Keifer Academy

**Program Name:** Materials Science as Content Integrator in the physical Science Classroom

**College:** Coll of Arts and Sciences,

**Program Description:** Effective science learning needs a framework on which scientific knowledge and skills are built. We believe that materials science can provide precisely such a framework and can be used effectively to integrate seemingly disparate topics in the physical science curriculum. Materials science ties together many concepts from chemistry, physics, and mathematics, which are often taught in separate silos around the physical science curriculum, and provides an excellent platform for introducing students to engineering design problems. Additionally, materials science successfully bridges the divide between abstract and physical with experimentation and inquiry.

Materials Science as Content Integrator in the Physical Science Classroom is an innovative teacher professional development (PD) program that aims to (1) improve teachers’ content knowledge of fundamental physical science concepts through the integration of materials science, (2) improve teachers’ knowledge of engineering processes and practices and (3) explore the issues related to implementing a materials science-based physical science curriculum.

We have developed an intensive and authentic, 120-hour, year-long materials science-based PD program for a cohort of 21 urban physical science teachers from our partners, Springfield City Schools and Columbus City Schools. Both districts are highly enthusiastic about their participation in the program and have considerable academic need in physical science, based upon state assessment data. / /

**Contact person:** Michelle McCombs, mccombs.75@osu.edu

Linden STEM Academy (K-6)

**Program Name:** Dental H.O.M.E. Coach

**College:** College of Dentistry, Pediatric Dentistry

**Program Description:** The College of Dentistry’s H.O.M.E. Coach is a mobile dental clinic that helps to bridge the gap of access to care by providing oral health care and education to children in high need areas of Columbus City Schools and surrounding communities. The program focuses on three main goals: / 1. To provide underserved children with oral health care that offers them a dental "home". / 2. To expose dental students to an array of hands-on learning experiences that include pediatric dentistry treatments performed under the supervision of OSU faculty members. / 3. To positively impact the problem of access to oral health care
for Ohio's families. The Dental H.O.M.E. Coach brings dentists and dental treatment to children at local schools during regular classroom hours.

**Target group(s):** Economically disadvantaged

**Contact person:** Coralynn McLurg, McLurg.5@osu.edu

**Mary Emma Bailey Elementary School**

**Program Name:** Japan Discovery Boxes  
**College:** Office of Academic Affairs, East Asian Studies Center

**Program Description:** The box contains an array of items from Japan such as clothing, traditional toys, maps & postcards, cooking utensils, and various other materials, along with a description and background information for each item. Boxes are available to be sent or online.

**Target group(s):**

**Contact person:** Janet Stucky Smith, stickym.7@osu.edu

**Metro Early College High School**

**Program Name:** Metro Middle School Engineering Club  
**College:** College of Engineering, COE DOC-Minority Engr Program

**Program Description:** After school engineering club designed to get students excited about math, science, and engineering.

**Target group(s):** African American  
Gender-based: Female

**Contact person:** Lisa Abrams, abrams.34@osu.edu

**Parsons Elementary School**

**Program Name:** Communicating Risk to Reduce Disparate Health Outcomes in the Stambaugh-Elwood Community of South Columbus, OH  
**College:** College of Public Health, COPH - Environmental Health

**Program Description:** The program focuses on understanding how negative exposures affect disparate health outcomes and offers a population-based, systems approach to improving these disparate health outcomes. We have proposed a community-based intervention for the Stambaugh-Elwood community. The intervention represents a new and substantive departure from the status quo, namely approaching the constellation of disparate health outcomes as isolated
syndromes. Our exposome approach provides preliminary data that will allow us to interrogate hypothesis directed at identifying associations as to how negative environmental exposures influence disparate health outcomes. Our program has raised awareness to the likelihood that exposures from the built environment are associated with adverse health outcomes that have befallen this community located in zip code 43207. The implementation of our program is driven by members of this community in partnership with The Ohio State University, state and federal organizations to address the historical neglect and environmental challenges faced by the residents who have resided in the Stambaugh-Elwood community for over eighty (80) years. This includes several generations of families that have been subjected to the environmental pollution caused by the growth of industrialization that continues to overwhelm the community.

**Target group(s):** Economically disadvantaged African American

**Contact person:** Darryl Hood, hood.188@osu.edu

**Starling Middle School**

**Program Name:** FIRST LEGO League  
**College:** College of Engineering, COE Diversity and Outreach

**Program Description:** FIRST LEGO League (FLL) is for 4th - 8th grade students interested in designing and building robots using NXT LEGO Mindstorm kits. Students work in teams and are coached by OSU engineering students or adult mentors. The team challenge varies from year to year and inspires students to find solutions for real-world problems. / /

**Target group(s):** Economically disadvantaged

**Contact person:** Karen Lowe, lowe.461@osu.edu

**Trevitt Elementary School**

**Program Name:** East Side Buckeye Initiatives (ESBI)  
**College:** Ofc of Student Life, SL Social Change

**Program Description:** The mission of East Side Buckeye Initiatives (ESBI) is to bring together The Ohio State University and the Near East Side Community of Columbus, Ohio. Working in conjunction with the Office of Student Life, and Partners Achieving Community Transformation (PACT), ESBI builds site-specific programs that serve the needs of Near East Side residence. These programs provide Ohio State students with valuable service and civic engagement experiences.
Target group(s): Economically disadvantaged African American

Contact person: Patricia Cunningham, cunningham.212@osu.edu

Washington Elementary
Program Name: The Girls Circle Project
College: Coll of Education & Human Ecol, Educational Studies EdS

Program Description: The Girls Circle Project at Ohio State 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.

Target group(s): Gender-based: Female

Contact person: Vicki Pitstick, pitstick.10@osu.edu

Weinland Park Elementary School
Program Name: Family Centered Community Change
College: Coll of Education & Human Ecol, Early Childhood Research

Program Description: Weinland Park neighborhood has been selected by the Annie Casey Foundation as one of three Family Centered Community Change sites in the country. Central to the work is the provision of high quality early education and care with transition of children to a high quality elementary education. The work of the Schoenbaum Family Center (SFC) with the Weinland Park Elementary School (WPES) is about building a learning community comprised of preschool teaching and administrative staff with the school staff. Our goal is to increase the number of children leaving the SFC and transitioning into the kindergarten and WPES and creating a seamless comprehensive learning continuum for children 6 weeks or age through grade 5.

Target group(s): Economically disadvantaged

Contact person: Jane Wiechel, wiechel.5@osu.edu
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

School Not Specified

Program Name: 4-H Astro Camp
College: Coll of Food, Agr, Envir Science, OSUE-HHHH

Program Description: This was a five-day, day camp program for youth in grades three-six, presented by 4-H with the OSU Department of Astronomy. Students launched two-liter bottle rockets, studied space flight and learned about planets, starts and constellations.

Target group(s): :

Contact person: Sally McClaskey, mcclaskey.12@osu.edu

School Not Specified

Program Name: 4-H Camp Tech
College: Coll of Food, Agr, Envir Science, OSUE-HHHH

Program Description: This was a three day, two night camps for middle school students that introduced youth to a variety of technology-related activities. This included programming an Arduino circuit board, electricity, engineering design, GPS technology and robotics. It also provided students with exposure to the OSU campus.

Target group(s): :

Contact person: Sally McClaskey, mcclaskey.12@osu.edu

School Not Specified

Program Name: ACAP-Ohio 2014
College: Fisher College of Business, FCOB Diversity & Inclusion SS

Program Description: ACAP-OHIO is an innovative center development program designed specifically for minority high school students. This fully-supervised, week long summer residency program was developed to give minority students an opportunity to explore careers in accounting and business at no cost other than travel. / During their stay on campus, students attend a variety of business and college preparatory workshops and are introduced to topics such as accounting, finance, and business management. ACAP-Ohio is sponsored by the National Association of Black Accountants (NABA), The Ohio Society of CPAs (OSCPA) and the Fisher College of Business.
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

**Target group(s):**

**Contact person:** Edwin Jones, Jones.2330@osu.edu

School Not Specified

**Program Name:** Access 88 Ambassador Program

**College:** Coll of Food,Agr,Envir Science, OSUE

**Program Description:** Pay It Forward's Access88 is a service outreach program focused on access to higher education in Ohio’s 88 counties. Students and families living in Ohio, including those of low socioeconomic status and potential first generation college students, may not be aware of the support and resources available to them to obtain education beyond a high school diploma. Access88 engages young students in Ohio and encourages them to begin planning for their futures by communicating the importance of higher education and preparing for college. Through partnerships with Ohio State’s Economic Access Initiative and Office of Extension, Access88 gives campus tours.

**Target group(s):**

**Contact person:** Jake Cohen, cohen.739@osu.edu

School Not Specified

**Program Name:** ACT/SAT Prep English

**College:** Coll of Education & Human Ecol, T&L Service

**Program Description:** ACT/SAT prep English

**Target group(s):**

**Contact person:** Dorothy Morrison, morrison.305@osu.edu

School Not Specified

**Program Name:** Adapted Physical Activity Program

**College:** Coll of Education & Human Ecol, Phys Ed Sport & Phy Acty BS

**Program Description:** This on-campus program is designed for children and youth with disabilities in central Ohio. It is held in conjunction with KNPE 5544 - Introduction to Adapted Physical Activity where UG students are paired one-on-one with children. It is offered once per week (both autumn and spring terms) for a 2-
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING
hour period and composed of both gymnasium and pool activities. This program has been offered for over 35 years.

Target group(s): :  

Contact person: David Porretta, porretta.1@osu.edu 

School Not Specified

Program Name: Art and Environment
College: Office of Academic Affairs,

Program Description: Students in Art and Environment learn about the intersections of art and environmental issues at Ohio State while earning high school credit through your own school. Blending extensive online course work and diverse field trip excursions, this course also gives you the opportunity to exhibit your own environmentally informed art at the Wexner Center.

Target group(s): :  

Contact person: Shelly Casto, casto.21@osu.edu 

School Not Specified

Program Name: Aviation Explorer Post
College: College of Engineering, OSU Airport

Program Description: The Ohio State University Airport sponsors the only central Ohio Explorer post dedicated to Aviation. This organization helps youth (ages 14-20) gain insight into 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. Students have the opportunity to earn volunteer hours by participating in supervised aircraft washes. Aviation Explorer posts also help youths to attain their Career Achievement Award and Congressional Service Award.

Target group(s): :  

Contact person: Cynthia Overly, overly.23@osu.edu 

School Not Specified

Program Name: Breakfast of Science Champions (COE)
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

**College:** College of Engineering, NSEC-Polymer Biomed

**Program Description:** The Breakfast of Science Champions offers Columbus City School middle school students the opportunity to explore science, math, and engineering at The Ohio State University in a program designed especially for them. Students spend a morning on campus and enjoy breakfast with faculty and graduate students from CANPBD while receiving an introduction to nanoscience. Students then move to the laboratory where they break up into small groups to participate in a variety of hands-on activities and experiments resulting in a memorable experience that has been greatly reviewed.

**Target group(s):** Gifted students

**Contact person:** Theresa Gordon, gordon.679@osu.edu

**School Not Specified**

**Program Name:** Breakfast of Science Champions (CON)

**College:** College of Nursing,

**Program Description:** The Breakfast of Science Champions offers Columbus City Schools middle school students the opportunity to explore science, math, and engineering at The Ohio State University in a program designed especially for them. Students spend a morning on campus and enjoy breakfast with faculty and graduate students from sciences, mathematics, and engineering to learn about career opportunities and attending college. Students then tour labs and participate in a variety of activities.

**Target group(s):**

**Contact person:** Jennifer Robb, robb.48@osu.edu

**School Not Specified**

**Program Name:** Camp Engineer

**College:** College of Engineering, COE DOC-Minority Engr Program

**Program Description:** A one-week day camp that provides an in-depth exposure, understanding, and appreciation of engineering. During the week, students work on design projects as well as participate in engineering department tours and workshops that help introduce them to specific engineering disciplines.

**Target group(s):**
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

Contact person: Felicia Sawyer, sawyer.8@osu.edu

School Not Specified

Program Name: Change the World: WiE are the Future
College: College of Engineering, COE DOC-Women in Engr Program

Program Description: A half day conference hosted by the Ohio State Women in Engineering program and sponsored by Shell. The conference is open to female students in 11th and 12th grade who are interested in learning more about the undergraduate engineering program at The Ohio State University.

Target group(s): 

Contact person: Holly Longman, longman.7@osu.edu

School Not Specified

Program Name: Columbus School for Girls Summer Research Internship program
College: College of Engineering,

Program Description: This program aims to motivate talented young women toward careers in STEM. Each year 4-5 young women are selected from among a larger pool of CSG applicants to participate in research projects in the laboratories of university professors in the sciences and engineering. At summer’s end, the young women present the results of their research with PowerPoint presentations in a public forum. This program is supported by the National Science Foundation, The College of Engineering, the Ohio State Materials Science & Engineering Center (MRSEC), the Center for Automotive Research (CAR), the OSU NSEC, and other units on an annual basis. A longitudinal study since 2006

Target group(s): 

Contact person: Leonard Brillson, brillson.1@osu.edu

School Not Specified

Program Name: Community Outreach at Schools and the University (C-OSU)
College: College of Optometry,

Program Description: The objective of C-OSU is to partner with three diverse Columbus-area middle schools with large populations of underrepresented students and provide repeated interactions with their students. We visit each
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING
middle school 4 times each year to provide the following presentations:
"Introduction to Optometry," "Anatomy of the Eye," "How to Examine the Eye and
the Visual System," and "Disorder of the Eye." We bring equipment and supplies to
the schools and provide these hands-on activities to the middle school students.

**Target group(s):** African American  Hispanic or Latino/Latina :

**Contact person:** Barbara Fink, fink.4@osu.edu

School Not Specified

**Program Name:** Courses in Educational Psychology
**College:** Coll of Education & Human Ecol, Ed Psych & Philos

**Program Description:** Three electives to help students develop their learning and
motivation strategies. These letter-graded, credit-bearing elective courses are open
to undergraduate students in any major. The courses are offered through the
Educational Psychology program and can be found in Buckeyelink under Educ Sts:
Education Psychology. There are no prerequisites, and courses can be taken in any
order. These courses occasionally include high school students.

**Target group(s):** :

**Contact person:** Samuel Rowe, rowe.220@osu.edu

School Not Specified

**Program Name:** Diversity in Teaching Preview Day
**College:** Coll of Education & Human Ecol, EHE Center for IDEAS

**Program Description:** Sponsored by the Center for Inclusion, Diversity & Academic
Success (IDEAS) in the College of Education and Human Ecology, the Diversity in
Teaching (DIT) Preview Day exposed 10th and 11th grade high school students,
especially youth of color, and their families to the teaching profession, the
importance of diversity and inclusion in teaching, and undergraduate teaching
degree programs in EHE at The Ohio State University.

**Target group(s):** :

**Contact person:** Derrick Tillman-Kelly, tillman-kelly.1@osu.edu

School Not Specified

**Program Name:** EcoCAR Student Project Visit to Schools
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

**College:** College of Engineering, Cntr for Automotive Researc

**Program Description:** EEcoCAR 3 student leaders take the vehicle and two Ohio State students to visit schools, sometimes completing classroom presentations. / About EcoCAR 3: / EcoCAR 3 is an Advanced Vehicle Technology Competition sponsored by the US Department of Energy and General Motors. EcoCAR 3 challenges 16 North American Universities to reengineer a Chevrolet Camaro over four years to reduce its environmental impact while retaining the high performance characteristics of the vehicle.

Students participating in EcoCAR 3 gain valuable, hands-on, real-world experience with automotive engineering and development processes used in industry.

The Ohio State University has participated in Advanced Vehicle Technology Competitions for over twenty years. In June 2014, the Ohio State team won the previous EcoCAR 2 competition.

**Target group(s):** :

**Contact person:** Holly Henley, henley.53@osu.edu

**School Not Specified**

**Program Name:** Edheads Educational Software Nano for a Brain Tumors  
**College:** College of Engineering, Chemical & Biomolecular Eng

**Program Description:** This is an informal education program targeted to middle schoolers to design nanoparticles for imaging brain Tumors.

**Target group(s):** :

**Contact person:** Jessica Winter, Winter.63@osu.edu

**School Not Specified**

**Program Name:** Engineering Summer Academy  
**College:** College of Engineering, COE EEIC Programs

**Program Description:** This program is designed for high school students who have completed their junior year. It is for students who may be interested in engineering as a choice of major when they eventually begin college. Students are admitted to the university through the Academy Program and are enrolled in a course that includes the graphics component of the Introduction to Engineering course.
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

Students compete for college credit and receive a final grade in the class. We like to refer to Summer Academy as "Test Driving College". The program last for three weeks with the course meeting twice a day over the three-week period. We have run this program continuously for the past 30 years that I have been associated with it and it has been an extremely successful recruiting tool for the university and the college of engineering.

**Target group(s):**

**Contact person:** Frank Croft, croft.3@osu.edu

School Not Specified

**Program Name:** Girls Go Techbridge  
**College:** Coll of Arts and Sciences, African-Amer & African Studies

**Program Description:** Girl Scouts of Ohio's Heartland has partnered with the OSU African American and African Studies Community Extension Center to offer an eight-part programming series entitled Girls Go Techbridge. This programming series will offer registrants an opportunity to participate in a sample of our various Girls Go Techbridge Engineering programs. The Girls Go Techbridge series encourages participants to have fun while developing the content knowledge, communication and teamwork experience related to careers in science and engineering. The one-time fee is inclusive of the membership fee ($15) and program registration fee ($5) for the series. If you would like to decline

**Target group(s):**

**Contact person:** Kevin Brooks, brooks.745@osu.edu

School Not Specified

**Program Name:** Honda-OSU Partnership Math Medal program  
**College:** College of Engineering, Cntr for Automotive Reseac

**Program Description:** Math medals are awarded to seniors in school districts in central and southwestern Ohio. Medalists then have the opportunity to apply for 20 Honda scholarships at the CoE.

**Target group(s):** Gifted students

**Contact person:** Marianne Weber, weber.305@osu.edu
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

School Not Specified

Program Name: Humanities & Cognitive Sciences High School Summer Institute
College: Coll of Arts and Sciences, ASC Div of Arts & Humanities

Program Description: This week-long summer program provides a critical thinking forum for rising high school sophomores, juniors and seniors matriculated in Columbus schools to explore the big questions at the intersection of the humanities and cognitive sciences.

Target group(s): :

Contact person: Frederic Aldama, aldama.1@osu.edu

School Not Specified

Program Name: Internship opportunities for the professional writing minor
College: Coll of Arts and Sciences, ASC Div of Arts & Humanities

Program Description: internship sites for the professional writing minor, including the Newark City School District, Big Brothers/Big Sisters, and The Works, a local science & technology children's museum. Interns work for these institutions in capstone writing internships 7-8 hours/week for a semester.

Target group(s): :

Contact person: Elizabet Weiser, weiser.23@osu.edu

School Not Specified

Program Name: Introduce a Girl to Engineering Day
College: College of Engineering, COE Diversity and Outreach

Program Description: Introduce a Girl to Engineering Day (IGED), hosted by OSU's WiE Program and sponsored by Ashland, Inc. is a day for girls interested in engineering and currently in grades 3-6. The program includes a series of hands-on engineering-related activities to explore career options. IGED is run annually with the help of WiE college students from OSU, faculty, community partners and industry professionals./

Target group(s): :

Contact person: Karen Lowe, lowe.461@osu.edu
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

School Not Specified

Program Name: John Glenn School of Public Affairs High School Internship Program
College: Office of Academic Affairs,

Program Description: Central Ohio High school seniors who are admitted into the program are placed in internships with government agencies, nonprofit organizations, or other public service related groups. The enroll in Ohio State through the Academy program and earn college credit for the internship, as well as a Public Affairs class they take at the Glenn School.

Target group(s):

Contact person: Chris Adams, adams.615@osu.edu

School Not Specified

Program Name: K-12 Educator Teacher Training
College: Office of Academic Affairs, East Asian Studies Center

Program Description: K-12 Educator Workshops focus on incorporating Japan-related content in the classroom and connecting to the common core literary standards.

Target group(s):

Contact person: Janet Stucky Smith, sticky.7@osu.edu

School Not Specified

Program Name: K-12 Teacher Training Workshop
College: Office of Academic Affairs, Slavic/Eastern European Cen

Program Description: Organizes an annual workshop each spring for 5-7 K-12 teachers from all school/disciplines/grade levels to discuss in detail a topic related to Eastern Europe and Eurasia to enable teachers to bring more content about Eastern Europe and Eurasia into the classroom. Assists teachers in finding resources, curriculum materials, and how it might relate to education standards.

Target group(s):

Contact person: Eileen Kunkler, kunkler.10@osu.edu
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

School Not Specified

Program Name: Labs in Life Language Science at COSI
College: Coll of Arts and Sciences, Linguistics

Program Description: Faculty from Linguistics, Language Departments, Speech & Hearing, and Psychology conduct basic research in an exhibition laboratory at COSI. Students observe the lab, participate as subjects in the research, and attend special programs on designated days, meeting OSU professors and graduate student researchers to talk about language science research on a wide range of topics, including but not limited to human anatomy and physiology, the physics of sound, human vision and audition, the structure of language and the nature of dialect.

Target group(s): 

Contact person: Shari Speer, speer.21@osu.edu

School Not Specified

Program Name: Language Pod Lab at COSI
College: Coll of Arts and Sciences, Linguistics

Program Description: The pod lab is an exhibition laboratory inside Columbus Center for Science and Industry. OSU faculty, graduate students and undergraduate students conduct research there and engage in outreach about language science to the community. Faculty are from Linguistics, Psychology, Teaching and Learning, Speech & Hearing, and other departments.

Target group(s): 

Contact person: Shari Speer, speer.21@osu.edu

School Not Specified

Program Name: Latino and Latin American Space for Enrichment and Research
College: Coll of Arts and Sciences, ASC Div of Arts & Humanities

Program Description: To create a total mentoring system from high school through undergraduate and graduate school for Latinos and those focused on the studies of the Latin/o Americas

Target group(s): 

Contact person: 

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June 24, 2015
THese programs did not specify a particular school building

Contact person: Frederic Aldama, aldam.1@osu.edu

School Not Specified

Program Name: Law and Leadership Institute
College: College of Law,

Program Description: The Ohio State University Moritz College of Law hosts and administers classes for the Law and Leadership Institute, LLC ("LLI"), part of a statewide initiative in collaboration with the legal community that inspires and prepares high school students from underserved communities for post-secondary and professional success through a comprehensive four-year academic program in law, leadership, analytical thinking, problem solving, writing skills and professionalism.

Target group(s): 

Contact person: Kathy Northern, northern.1@osu.edu

School Not Specified

Program Name: Making a Difference: Health and Wellness One Street at a Time
College: College of Nursing,

Program Description: The health and wellness program, called “Making a Difference: Health and Wellness One Street at a Time” will engage residents of the Mount Vernon community in health screenings and treatment of illnesses that most affect residents (hypertension, heart diseases, depression etc.). According to Columbus Public Health statistics, African Americans in Franklin County, Ohio, were 2.6 times more likely to die from diabetes and hypertension and stroke mortality rates were 2.7 times higher than that of Whites. / / The program is guided by a social-ecological model and community-campus partnership principles. The ecological approach leverages public policy, community organization support, and research to produce a collaborative approach that centers on community residents. Our partnership is based on principles of equality and mutual gain.

Target group(s): 

Contact person: Usha Menon, menon.48@osu.edu

School Not Specified

Program Name: Materials Camps for Teachers
College: College of Engineering, Materials Science Engineering
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

Program Description: OSU collaborates in the ASM Education Foundation’s Materials Camp for Teacher’s program. This is a professional development program that provides K-12 (primarily high school) teachers with 40 hours of professional development during the summer. The teachers are exposed to a number of hands-on experiments related to materials science, as well as discussions of pedagogical approaches for experiential learning. The Foundation supports this financially and provides financial support for this 40 hour per teacher program, which touches over 1000 teachers per summer at over 40 locations. Glenn Daehn serves on the Foundation Board of Directors and OSU has a flagship offering of the only annual advanced teacher’s camp and also offers a specialty MSP camp described elsewhere.

Target group(s): 

Contact person: Glenn Daehn, Daehn.1@osu.edu

School Not Specified

Program Name: Math is Everywhere (PNC Grow Up Great Award)
College: Ofc of University Relations, WOSU - Content TV

Program Description: WOSU Public Media developed and implemented a pilot service to Columbus City Schools pre-K teachers and assistants delivering (1) a math-learning-focused workshop to at least 50% of the staff; (2) follow-up sessions in the classroom to demonstrate how the strategies embedded in the workshop may be implemented with preschool children; and (3) facilitated opportunities for PNC volunteers to assist and enhance the benefits of the project.

Math-focused Workshops / In 2013-2014, the Columbus City Schools Early Childhood Education program had 43 preschool classrooms, each with one lead teacher and two assistants. WOSU’s pilot service to the pre-kindergarten program consisted of a two-hour workshop, Math is Everywhere, for 50 classroom assistants presented at CCS’s Shepard Center on January 31, 2014 and a second math-focused workshop for 17 pre-K lead teachers conducted at the OSU Fawcett Center on March 25. The 67 who were trained have 886 young children under their wing.

Classroom Demonstrations / To reinforce the workshop presentations, WOSU scheduled Math Mondays—intensive follow-up sessions in classrooms selected by CCS Pre-K program administrators—to engage young children in hands-on math activities and to model for the teachers and assistants the concepts and strategies examined at the workshops. WOSU’s Ready To Learn Coordinator Jan Pollard led
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

the Math Monday sessions on the following dates and sites: / March 3 Avondale Elementary School Two classes, of 16 and of 13 children / March 10 Broadleigh Elementary School Two classes, of 17 and of 18 children / March 24 West Mound Elementary School One class of 20 children /

Target group(s):  

Contact person: Jan Pollard, pollard.103@osu.edu

School Not Specified
Program Name: Math Science Partnership Program
College: College of Engineering,

Program Description: The Math Science Partnership Program is offered from the Ohio Department of Education and supports the intensive professional development of 24 teachers from Columbus, Springfield, Plain City and other central Ohio districts. There are several aspects to this year-long program including an intensive week of summer camp in conjunction with ASM's Materials Camp for Teacher's program, classroom visits, a graduate course, full group discussion sessions and provision of equipment for course and professional development. Stipends are offered to teachers who meet all expectations.

Target group(s):  

Contact person: Glenn Daehn, Daehn.1@osu.edu

School Not Specified
Program Name: ME+WE=>YOU Preview Day
College: College of Engineering, COE Diversity and Outreach

Program Description: ME+WE=>YOU Preview Day is an opportunity for female and minority engineering students who have been admitted to Ohio State University's College of Engineering for the Autumn term to preview what it will be like as an Ohio State University Engineering Major and features:

Engineering Overview / First-Year Engineering Program Introduction (students) / Q&A Session with Advisors, Financial Aid & Career Services (parents) / Mingle with engineering department faculty, staff and students / Reception hosted by Minority Engineering and Women in Engineering Programs / Tour of OSU Residence Hall /

Target group(s):  

June 24, 2015
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

Contact person: Holly Longman, longman.7@osu.edu

School Not Specified
Program Name: Metro Fellows
College: Coll of Arts and Sciences, STEM Initiative

Program Description: This partnership between The Ohio State University and Metro Early College High School in Columbus puts doctoral students’ expertise to use in high school classrooms to improve learning and ignite students’ passion for STEM. Launched with the start of the Metro School in 2006, the Metro Fellows Program provides funding for four Ohio State graduate student Fellows—one each from engineering, biology, chemistry and physics—to bring their expertise as doctoral students into K–12 classrooms.

Target group(s): 

Contact person: Christophe Andersen, andersen.18@osu.edu

School Not Specified
Program Name: OG Math workshop
College: Coll of Education & Human Ecol,

Program Description: OG hands-on manipulatives math workshop

Target group(s): 

Contact person: Dorothy Morrison, morrison.305@osu.edu

School Not Specified
Program Name: OG workshop
College: Coll of Education & Human Ecol, T&L GEC/Service Courses

Program Description: Specialized training for 5470 students in OG strategies for helping struggling readers.

Target group(s): 

Contact person: Dorothy Morrison, morrison.305@osu.edu

School Not Specified
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

**Program Name:** Ohio Youth Institute  
**College:** Coll of Food,Agr,Envir Science, OSUE-HHHH

**Program Description:** This program is based on the work of Norman Borlaug and is designed for high school students. It focuses on worldwide hunger and food insecurity issues. Under the direction of a mentor teacher, students selected a country and issue to research. They wrote research papers offering their solutions and presented their findings to a panel of OSU experts at the Ohio Youth Institute. Students also participated in on-campus activities presented by OSU faculty. Seven students and their teachers were selected to participate in the World Food Prize and Global Youth Institute held in October in Des Moines, Iowa.

**Target group(s):** :

**Contact person:** Sally McClaskey, mcclaskey.12@osu.edu

School Not Specified

**Program Name:** OSU Airport Job Shadow  
**College:** College of Engineering, OSU Airport

**Program Description:** The staff of The Ohio State University Airport works closely with youth to provide them with a one-day, up-close experience with various careers in Aviation. Areas of interest include Airport Management, Airport Operations, Flight Training, and Air Traffic Control. In addition, high school students who want a more in-depth and long term shadow experience get the opportunity to explore other local aviation-related businesses.

**Target group(s):** :

**Contact person:** Cynthia Overly, overly.23@osu.edu

School Not Specified

**Program Name:** OSU Tutoring and Clinical Programs  
**College:** Coll of Education & Human Ecol, T&L Service

**Program Description:** Tutor individual Ohio school children in reading and math

**Target group(s):** :

**Contact person:** Dorothy Morrison, morrison.305@osu.edu
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

School Not Specified

**Program Name:** Pathways to Optometry: Opportunities for Underrepresented High School Students to Explore the Career of Optometry through Field Trips  
**College:** College of Optometry

**Program Description:** The objective of PTO is to partner with Ohio high schools with large populations of underrepresented students and provide day-long field trips to the College of Optometry for their students. The goals of Pathways to Optometry (PTO) is to develop pathways from high school to matriculation at the College of Optometry by encouraging underrepresented high school students in Ohio to stay in school, take science courses to prepare for careers in the health sciences, plan to participate in the I-DOC program, and consider careers in optometry. The purpose of the field trips to the College of Optometry, therefore, is to provide high school students with the opportunity to both explore the field of optometry and familiarize themselves with the college and campus. We bring the students for an entire day of activities that include academic requirements of optometry, ocular involvement in systemic disease, guided cow eye dissections, eye exam, vision disorders and eye diseases, and a tour of the campus. Students take a online survey prior to and after the trip, and results of the pre-trip survey and presented during the field trip.

**Target group(s):** Economically disadvantaged African American Hispanic or Latino/Latina :  
**Contact person:** Barbara Fink, fink.4@osu.edu

School Not Specified

**Program Name:** Polar Rock Repository Rock Boxes  
**College:** Office of Academic Affairs, Byrd Polar Research Center

**Program Description:** Rock Boxes, containing more than 50 rock samples from the polar regions and lessons plans, are shipped free of charge to educators across the United States.

**Target group(s):** :  
**Contact person:** Jason Cervenec, cervenec.1@osu.edu

School Not Specified

**Program Name:** PwC 2013 INQuires Program-  
**College:** Fisher College of Business, FCOB Special Projects
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

**Program Description:** PwPwC generously funded a $10,000 initiative to bring diverse high school students to the Fisher College of Business at The Ohio State University in fall 2013 to learn about careers in accounting. This event was a joint project of PwC, the OSU ODI Young Scholars Program and Fisher’s Office of the Dean, Accounting & MIS department, Office of Diversity & Inclusion Student Services and Undergraduate Programs and Advising Office. Sixty OSU ODI Young Scholars Program 9th grade students from Toledo, Cleveland, Youngstown, Akron & Canton learned about accounting careers and studied an Accounting and Entrepreneurship business case developed by Accounting & MIS Senior Lecturer Cynthia Turner. Students met with, heard from and were coached by current business students, alumni, accounting professionals and college faculty and staff. The all-day event was held Saturday March 15, 2014. The day included an overview of the accounting professions, the business case and a student panel. Students were invited to apply to the Accounting Careers Awareness Program offered in summer by the college’s Office of Diversity & Inclusion Student Services. C generously funded a $10,000 initiative to bring diverse high school students to the Fisher College of Business at The Ohio State University in fall 2013 to learn about careers in accounting. 60 9th grade students from Toledo, Cleveland, Youngstown, Akron & Canton learned about accounting careers and studied

**Target group(s):** Economically disadvantaged African American Hispanic or Latino/Latina :

**Contact person:** Francisco Gomez-Bellenge, gomez-bellenge.1@osu.edu

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**School Not Specified**

**Program Name:** Reading Recovery - International Data Evaluation Center

**College:** Coll of Education & Human Ecol, T&L Research

**Program Description:** We are the data processing center for the Reading Recovery (RR) program. Ohio RR Teachers use our web site to enter data about the child they are serving. At the end of the school year, our automated reporting create a standard set of reports for all RR schools and school districts.

**Target group(s):**

**Contact person:** Jeff Brymer-Bashore, brymer-bashore.1@osu.edu

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**School Not Specified**

**Program Name:** Rites of Passage Mentoring Program
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

**College:** Coll of Arts and Sciences, African-Amer & African Studies

**Program Description:** This program is designed to provide Black Males (grades 4-12) with a mentoring relationship with OSU faculty, staff, students, and alumni. In addition, students are exposed to postsecondary educational opportunities. The goals of the program are to provide students with an appreciation for and an understanding of African American and African history, as well as to assist with shaping their identity, character, cultural and community development. Students are introduced to research methods, expository writing, effective communication, technology, conflict resolution strategies, and life skills training.

**Target group(s):**

**Contact person:** Kevin Brooks, brooks.745@osu.edu

School Not Specified

**Program Name:** SPARK-Supporting Partnerships to Assure Ready Kids

**College:** Coll of Education & Human Ecol, EHE SFC@Weinland Park Lab Schl

**Program Description:** This is a year-long, home-based parental support program for 4-yr. olds to assist them is getting ready for Kindergarten. We do several assessments, including ASQs and Woodcock Johnson Tests. SPARK provides free books, school supplies and lessons to equip caregivers to prepare their child for Kindergarten.

**Target group(s):**

**Contact person:** Holly Lawrence, lawrence.575@osu.edu

School Not Specified

**Program Name:** STEM Leadership Camp

**College:** College of Engineering, COE DOC-Minority Engr Program

**Program Description:** A one-week camp that helps STEM Club leaders share best practices and customize club plans for the academic year.

**Target group(s):**

**Contact person:** Felicia Sawyer, sawyer.8@osu.edu

School Not Specified
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

**Program Name:** Stone Lab Summer Courses  
**College:** Coll of Food, Agr, Envir Science,

**Program Description:** Established in 1895, Stone Laboratory is the oldest freshwater biological field station in the United States and the center of Ohio State University’s teaching and research on Lake Erie. Stone Lab offers 25 college-credit science courses each summer for undergraduate and graduate students, advanced high school students and educators. Courses at the lab immerse students in scientific study, getting them out in the field or on the lake to study topics like biology, geology, and natural resources.

**Target group(s):**

**Contact person:** Arleen Pineda, pineda.2@osu.edu

School Not Specified

**Program Name:** Summer Institute  
**College:** Office of Academic Affairs, Ohio Supercomputer Center

**Program Description:** A two-week summer camp for Ohio’s brightest high school freshmen and sophomores. Participants experience the dynamic fields of high performance computing and network firsthand. Ohio Supercomputer Center employs a faculty of experts in high performance computing (HPC), networking, engineering and the sciences to teach students computing fundamentals such as programming language, parallel processing techniques, and visualization toolkits.

**Target group(s):**

**Contact person:** Elizabet Stong, stong.3@osu.edu

School Not Specified

**Program Name:** Summer Institute for Diversity in Nursing  
**College:** College of Nursing,

**Program Description:** The Summer Institute for Diversity in Nursing (SIDN) is for current high school sophomores and juniors, and seniors who have submitted applications for undergraduate admissions to Ohio State. SIDN includes participation in skills labs, roundtable discussions with faculty and students, ACT preparation, an overview about financial aid and admission to OSU, and a tour of The Ohio State University campus, the James Cancer Hospital, and the College of Nursing. SIDN aims to increase the number of historically underrepresented
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

populations in nursing, including Black/African American, Native American, Asian, Hispanic and male. The College of Nursing is actively seeking to increase the diversity of the student population, so we can better serve the nursing profession and the nation’s health.

Target group(s): 

Contact person: Jennifer Robb, robb.48@osu.edu

School Not Specified

Program Name: Summer Linguistics Institute for Youth Scholars
College: Coll of Arts and Sciences, Linguistics

Program Description: SLIYS (pronounced "SLICE"), is a weeklong summer language program for high school and pre-college students organized by the Department of Linguistics at The Ohio State University. This summer program promotes language study (including English, Spanish, Chinese, and additional foreign languages) in all aspects by cultivating a deeper appreciation of language similarities and differences. Our aim is to provide high school students with greater linguistic awareness and understanding, with the ability to think critically about language, and with a deeper appreciation for all aspects of language and language study.

Target group(s): 

Contact person: Julia McGory, mcgory.1@osu.edu

School Not Specified

Program Name: Summer Residential Program
College: Coll of Arts and Sciences, African-Amer & African Studies

Program Description: Established in 1999, SRP is a two-week interdisciplinary academic program designed to improve students’ critical thinking and analytical skills, as well as develop students’ competencies in research methods, expository writing, and oral communication. The program has four goals: 1) to provide students with an appreciation for and an understanding of African American and African history, 2) to develop students’ familiarity and proficiency in the use of computer technology, 3) to strengthen students’ high-order thinking and analytical skills, and 4) to enhance students’ personal and collective identity construction, and cultivate their understanding of community development. Instructors are OSU faculty members and advanced level PhD students. Two graduate students are hired as
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING
residential counselors. Because the program is co-ed, one male and one female
student are employed to maintain gender equity.

Target group(s): 

Contact person: Kevin Brooks, brooks.745@osu.edu

School Not Specified
Program Name: The BRIDGE: Issue Management Process
College: Marion Campus, MRN-Alber Earnings

Program Description: Empowering students to develop employability skills that are
critical for today’s / workforce and to use those skills to foster connectivity in their
communities were the key purposes of this 2013-14 grant project organized by
OSUE’s Alber Enterprise Center (AEC). By actively engaging in The BRIDGE: Issue
Management Process facilitated by the Alber Program Manager, eighty-eight
students from two high school groups can add information gathering, problem-
solving, critical/creative thinking, organizing, planning, decision-making, and
teamwork skills to their resumes. Those two groups are Ridgemont High School
FFA (Kenton) and Marion Harding HUB21 (Marion).

While actively learning The BRIDGE process, the Ridgemont FFA members
identified, created, and implemented four new strategies to connect with
community groups in Hardin County. In addition, two FFA members transferred
their newly acquired analytical and facilitation skills by assisting AEC in expediting
The BRIDGE with the Wyandot County Young Professionals. The Marion HUB21
students used The BRIDGE to identify key components of a plan to market
advanced manufacturing careers to high school students. The students developed
an action plan to promote manufacturing careers among their peers, parents,
teachers, and the community. The HUB21 coordinator has invited AEC to facilitate
the process with next year’s class. /

Target group(s): 

Contact person: Frank Gibson, gibson.363@osu.edu

School Not Specified
Program Name: The Generation Rx Laboratory at COSI
College: College of Pharmacy,
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

Program Description: We are a drug education laboratory situated within COSI's Labs in Life. We provide innovative, hands-on programming (i.e., pharmacology experiments) for museum guests of all ages every day of the week. We also host field trips for high school students visitors and provide distance education programs for schools all over the country.

Target group(s): 

Contact person: Nicole Kwiek, kwiek.1@osu.edu

School Not Specified

Program Name: The Ohio State Academy Program
College: Office of Academic Affairs, Undergrad Admissions

Program Description: The Ohio State Academy Program allows qualified high school students to enroll in Ohio State coursework. This program is part of the State of Ohio's Post-Secondary Enrollment Options Program (renamed College Credit Plus for 2015). Students may take courses in any academic area at the university as long as they meet pre-requisite requirements. The program is available on all OSU campuses.

Target group(s): 

Contact person: Michele Brown, brown.1112@osu.edu

School Not Specified

Program Name: The Pills, Potions, and Poisons Program
College: College of Pharmacy,

Program Description: A summer day camp allowing high school students to discover the science behind drugs and learn about careers in the biomedical sciences.

Target group(s): 

Contact person: Nicole Kwiek, kwiek.1@osu.edu

School Not Specified

Program Name: The STEAM Factory (Analogue Camera)
College: Coll of Arts and Sciences, Art - Photography
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

**Program Description:** Demonstrated the exposure and development of analogue camera systems to both students and parents.

**Target group(s):**

**Contact person:** Stephen Takacs, takacs.44@osu.edu

**School Not Specified**

**Program Name:** The STEAM Factory (ASC - Math)

**College:** Coll of Arts and Sciences, Mathematics

**Program Description:** The main forum for STEAM Factory youth engagement are the 400 West Rich Street bi-weekly presentations in which a diverse array of faculty representing a broad spectrum of disciplines give presentations showcasing their research at, leading to direct interaction between OSU researchers, youth and the local community.

**Target group(s):**

**Contact person:** Charlene Brenner, brenner.17@osu.edu

**School Not Specified**

**Program Name:** The STEAM Factory (Brownie in Motion)

**College:** Coll of Arts and Sciences, Art - Photography

**Program Description:** This program happened on December 14, 2013 at 400 West Rich studios and included a Farmers Market, resident artist open studios, and presentations from several STEAM Factory members. During this event I shared my camera obscura project, now titled Brownie In Motion, with the public and gave mini tours explaining how a camera functions. In addition to engaging the public with the camera obscura, I had the opportunity to conduct an experimental photo shoot with trapeze performers from 400 West Rich’s Movement Activities group.

**Target group(s):**

**Contact person:** Stephen Takacs, takacs.44@osu.edu

**School Not Specified**

**Program Name:** WiE RISE

**College:** College of Engineering, COE Diversity and Outreach
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

**Program Description:** WiE RISE is a six-day, residential summer camp designed to introduce female students to Ohio State's undergraduate engineering majors and related career fields. Young women who are rising high school juniors and seniors are eligible to apply.

Participants are housed in a dorm on The Ohio State University Columbus campus, where they are supervised by four residential advisors. All meals, materials and transportation are provided for students throughout the camp.

**Target group(s):**

**Contact person:** Karen Lowe, lowe.461@osu.edu

**School Not Specified**

**Program Name:** WiE Robotics Outreach Initiative - FIRST LEGO League

**College:** College of Engineering, COE Diversity and Outreach

**Program Description:** Provided support to teams and trained mentors for after school programs participating in FIRST LEGO League.

**Target group(s):**

**Contact person:** Shawna Fletcher, fletcher.234@osu.edu

**School Not Specified**

**Program Name:** Workshops on Learning and Motivation

**College:** Coll of Education & Human Ecol, Ed Psych & Philos

**Program Description:** Our workshops allow administrators of both Ohio State and off-campus partners to request 45 minute to an hour instruction on a topic within our learning and motivation curriculum. These can be one off presentations or done in a series depending on the needs of the requester.

**Target group(s):**

**Contact person:** Samuel Rowe, rowe.220@osu.edu

**School Not Specified**

**Program Name:** World View

**College:** Office of Academic Affairs,
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING

Program Description: Every thinking mind needs a world view. This program introduces your students to cross-cultural perspectives through experiences with selected contemporary artworks or artists.

Target group(s):  

Contact person: Shelly Casto, casto.21@osu.edu

School Not Specified

Program Name: Young Scholars Program Fisher Entrepreneurial Experience
College: Fisher College of Business, FCOB Special Projects

Program Description: Pre-10th and 11th grade students from OSU’s Young Scholars Program and from Metro High School participated in a three-day Entrepreneurship program. Teams of students put together business plans and budgets and prepared presentations for new startup companies. These were pitched to a “Shark Tank”-type group of real-life entrepreneurs and business people. The winning team received the largest “investment”. Other prizes such as Most Innovative Venture, Best Budget, Best Operational Plan, Best Marketing Plan, Best Presentation and Best Q & A were awarded. / Faculty experts on a range of topics acted as consultants to the student teams. The group also visited Accel, Inc. in New Albany, where the CEO and COO gave them a tour of the factory. /

Target group(s):  

Contact person: Francisc Gomez-Bellenge, gomez-bellenge.1@osu.edu

School Not Specified

Program Name: Young Women’s Summer Institute
College: Office of Academic Affairs, Ohio Supercomputer Center

Program Description: Young Women’s Summer Institute (YWSI) is a week-long program sponsored by Ohio Supercomputer Center for middle-school girls in Ohio. It is designed to promote computer, math, science and engineering skills as well as provide hands-on experiences. YWSI helps girls develop an interest in these subjects by allowing them to work on a practical, interesting scientific problem using the latest computer technology.

Target group(s):  

Contact person: Elizabet Stong, stong.3@osu.edu
These Programs Did Not Specify a Particular School Building

School Not Specified

**Program Name:** Young Writers Workshop  
**College:** Coll of Arts and Sciences, ASC Div of Arts & Humanities

**Program Description:** Students will attend daily workshops and courses taught by OSU faculty, graduate alumni, and graduate students and have time to work on their own writing every day as well as attend readings, sessions with visiting writers in various fields, and other events, and participate in an open mic reading of their own work. The program will conclude with a capstone event honoring the students and their families.

**Target group(s):**

**Contact person:** Mary Kat Ramsey, ramsey.240@osu.edu

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**Program Name:** Expanded Food and Nutrition Education Program - Youth  
**College:** Coll of Education & Human Ecol, Family & Consumer Sciences Edu

**Program Description:** The youth EFNEP classes teach youth in schools with high percentage of youth receiving free/reduced lunch. The program teaches basic nutrition, food safety and food resource management. It is primarily targeted to youth in 4th grade in Franklin County during the schoolyear and to multi-aged youth in the summer.

**Target group(s):** Economically disadvantaged

**Contact person:** Marilyn Rabe, rabe.9@osu.edu

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**Program Name:** The Ohio State School for the Blind (OSSB)  
**College:** College of Optometry, Vision Rehab Clinic

**Program Description:** We are responsible for monitoring the basic eye care needs of the 120 or so children who attend the Ohio State School / for the Blind. Our goals are to ensure that treatable conditions are adequately addressed so that OSSB students may / have the most usable vision possible, both in the short and long-term, and so that we may ensure optimal ocular comfort. / This often involves refining diagnoses and providing treatment for secondary conditions, such as infections and / glaucoma. Additionally, we help identify children who would be
THESE PROGRAMS DID NOT SPECIFY A PARTICULAR SCHOOL BUILDING
expected to benefit from specialty services through low / vision evaluation, prosthetics evaluation, or ophthalmic specialist referrals. We also serve as consultants to the nursing / and teaching staff regarding functional and medical issues for specific children. Interns gain experience with a wide range / of serious ocular conditions, such as retinopathy of prematurity, optic nerve hypoplasia, optic atrophy, cortical visual / impairment, congenital cataract, pediatric aphakia, coloboma, aniridia, retinoblastoma, syndromic retinitis pigmentosa, / and Stickler’s syndrome. They also gain experience in examining autistic and developmentally impaired children.

Target group(s): Students with special needs Visual Impairment :

Contact person: Greg Hopkins, Hopkins.520@osu.edu

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Program Name: The Ohio State University Office of Diversity and Inclusion Young Scholars Program
College: Office of Academic Affairs,

Program Description: The Ohio State University Office of Diversity and Inclusion Young Scholars Program improves pre-college preparation, retention, and degree completion among high-ability academically gifted first-generation students with financial need from nine of the largest urban school districts in Ohio: Akron Public, Canton City, Cincinnati Public, Cleveland Metropolitan, Columbus City, Dayton Public, Lorain City, Toledo Public, and Youngstown City.

Our programs prepare scholars for college success at Ohio State by: / oComplementing their current academic instruction through weekly academic enrichment sessions in mathematics, writing, and science / oImproving their college readiness knowledge through college admissions and financial aid workshops / oOffering major exploration opportunities throughout Ohio State’s colleges and departments / oTeaching academic behaviors that promote success such as study skills, self-monitoring, and goal setting / oProviding college-based supportive services such as a three-week Summer Bridge Program, tutoring, advising, and mentoring

Target group(s): Economically disadvantaged African American Gifted students Hispanic or Latino/Latina :

Contact person: Tina Pierce, pierce.252@osu.edu