



# THE OHIO STATE UNIVERSITY OUTREACH AND ENGAGEMENT FORUM

2013



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# PAY IT FORWARD'S ACCESS88: COLLEGE ACCESS OUTREACH IN OHIO'S 88 COUNTIES

## Purpose

Access88 is a service outreach program by the Office of Student Life focused on access to higher education in Ohio's 88 counties. Students and families in Ohio may not be aware of the support and resources available to them to obtain education beyond a high school diploma. Access88 was created in 2011 to serve the Ohio community, spread a college access message to young Ohio students, and educate OSU students about service, access, and leadership.

## Impact

Through this program, OSU students learn about college access and engage in service by sharing their own experiences with young students, providing them with tools to prepare for the future.

The program has experienced success with several early access initiatives with K-8 students: school visits in 16 Ohio counties, campus tours, pen pal program, and visits to Columbus library branches.

In June 2012, Access88 received the OSU CARES Grant from OSU Extension to support the development of partnerships in the Ohio community to further outreach and collaboration.

### OHIO STATE COLLEGES/UNITS INVOLVED

OFFICE OF STUDENT LIFE  
OHIO UNION, STUDENT ACTIVITIES  
KEITH B. KEY CENTER FOR STUDENT  
LEADERSHIP AND SERVICE  
ECONOMIC ACCESS INITIATIVE  
OSU EXTENSION  
OSU ALUMNI ASSOCIATION

### COMMUNITY PARTNERS INVOLVED

K-12 SCHOOL ADMINISTRATORS  
COMMUNITY LEADERS  
OSU EXTENSION EDUCATORS  
OSU ALUMNI



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# APTE SUMMIT -ALLEVIATING POVERTY THROUGH ENTREPRENEURSHIP

## Purpose

The APTE Summit seeks to inspire and empower individuals to use entrepreneurship and innovation to fight poverty both locally and globally. The community we foster connects students, academics, practitioners, policy makers, and community members who have the collective power to truly change the world. APTE 2013's pilot Social Enterprise Business Plan Competition and Workshop Series focused on the process of getting started and stressed utilizing your resources, networks, and talents to do something that creates meaningful, sustainable change.

## Impact

An OSU student-led Signature Event that is entirely free to attend and has showcased speakers from The Bill and Melinda Gates Foundation, Acumen Fund, Ashoka, World Bank, Inventure and Poverty Cure, among many other prestigious organizations.

Attracts more than 1000 students, community members and industry professionals annually. In 2013, the online live stream was viewed in 11 different countries and more than 450 locations nationwide.

Five teams were flown in for the pilot, national Business Plan Competition and the top 3 teams pitched live at the summit. The first and second place winners were awarded \$5,000 and \$2,000, respectively.

## OHIO STATE COLLEGES/UNITS INVOLVED

FISHER COLLEGE OF BUSINESS  
BUSINESS BUILDERS CLUB  
WEXNER CENTER FOR THE ARTS  
WEXNER MEDICAL CENTER  
UNDERGRADUATE STUDENT GOVERNMENT  
FISHER UNDERGRADUATE BUSINESS COUNCIL  
FISHER DIVERSITY GRANT

## COMMUNITY PARTNERS INVOLVED

MISSION THROTTLE  
PACK H20  
BARTHA EVENT PRODUCTION  
WEBBED INTERACTIVE  
TECH COLUMBUS  
GLOBAL BRIGADES  
THANKS BE TO GOD FOUNDATION  
ECOPRENEURIST

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## Purpose

For many years, The Ohio State University College of Pharmacy Student Chapter of the American Pharmacists Association has engaged in community service activities and projects that have impacted thousands of Ohio Citizens.

In addition, while engaging in service, student pharmacists have developed professional, administrative and quality patient care skill sets that augment the Doctor of Pharmacy curriculum delivered by the faculty at the College of Pharmacy.

## Impact

Through 11 American Pharmacist Association Academy of Student Pharmacists (APhA-ASP) patient care projects -- including Generation Rx, the Heartburn Awareness Challenge, Operation Diabetes (Education), Operation Diabetes (Screening), Operation Heart, Operation Immunization, Be Poison Smart!/Wise!, Katy's Kids, Open Airways for Schools, and Prescription for a Smile -- student pharmacists have engaged with a variety of Central Ohio and Ohio Community Partners to deliver quality patient care and health education. All activities are

OHIO STATE COLLEGES/UNITS INVOLVED  
COLLEGE OF PHARMACY

COMMUNITY PARTNERS INVOLVED  
HELPING HANDS  
MORROW COUNTY  
NATIONWIDE CHILDREN'S



# BLUE STAR HEALTHY COLON INITIATIVE



## Purpose

The occurrence of colorectal cancer in Meigs County is 17.6% higher than that for Ohio, and death from colorectal cancer in Meigs County is 35% higher than Ohio. The Blue Star Healthy Colon Initiative will increase knowledge about prevention and early detection of colon cancer among adult residents in Meigs County. This collaborative effort will:

- Raise awareness about the burden of colon cancer
- Provide education on prevention and early detection of colon cancer
- Develop personalized wellness plans for residents at risk for colon cancer
- Encourage participation in classes through OSU Extension to help residents adopt a healthy lifestyle

## Impact

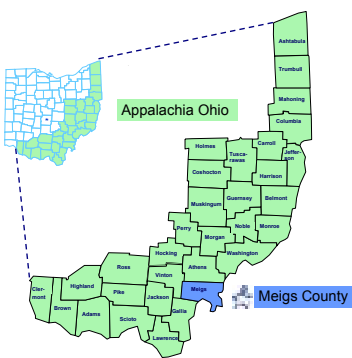
Colon cancer screening is recommended for everyone 50 and over. Although, less than 42% of Meigs County residents age 50 and over have been screened for colon cancer in the last five years.

An inflatable walk-through colon (Super Colon) will be exhibited to provide an interactive educational tool at the Meigs County Fair on August 15 and Racine Party in the Park on September 14.

Personalized wellness plans will be provided for at least 100 residents in Meigs County at high-risk for colon cancer including suggestions to help prevent

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## OHIO STATE COLLEGES/UNITS INVOLVED

COMPREHENSIVE CANCER CENTER  
COLLEGE OF MEDICINE  
COLLEGE OF NURSING  
SCHOOL OF COMMUNICATIONS  
BUCKEYES WITHOUT BORDERS  
OSU EXTENSION - MEIGS COUNTY

## COMMUNITY PARTNERS INVOLVED

MEIGS COUNTY CANCER INITIATIVE  
MEIGS COUNTY HEALTH DEPARTMENT  
APPALACHIA COMMUNITY CANCER  
NETWORK





# STEM INITIATIVES AND BREAKFAST OF SCIENCE CHAMPIONS

## Purpose

Have you ever wanted to see how the brain works, or how to run a super-conductor train? At STEM Initiative's Breakfast of Science Champions, Columbus middle school students learn these things and more. Students come to OSU for a morning of hands-on exposure to science, technology, engineering, and math programs. They learn about the work conducted by various labs and then participate in activities and experiments reflecting the labs' work.

## Impact

Approximately 650 students participated in the Breakfast of Science Champions events held in November and February. They visited 13 different labs across OSU.

Activities included flying flight simulators at the OSU Airport, using liquid nitrogen-frozen bananas as hammers at the Center for Emergent Materials, and dissecting cow eyes at the College of Optometry.

The first Breakfast of Science Champions event was held in 1998. STEM Initiatives has run the event since 2011 and has seen consistently increasing numbers of attendees.

### OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF ARTS AND SCIENCES, STEM INITIATIVES  
CENTER FOR COGNITIVE AND BEHAVIORAL BRAIN IMAGING  
NEUROSCIENCE  
OSU AIRPORT  
BIOLOGICAL SCIENCES GREENHOUSE  
ARACHNID LAB  
CENTER FOR APPLIED PLANT SCIENCES  
WOMEN IN ENGINEERING PROGRAM  
CENTER FOR EMERGENT MATERIALS  
COLLEGE OF OPTOMETRY  
BYRD POLAR RESEARCH CENTER  
INSECT MOLECULAR GENETICS  
NANOSCALE SCIENCE AND ENGINEERING CENTER  
OHIO 4-H CENTER

### COMMUNITY PARTNERS INVOLVED

COLUMBUS CITY SCHOOLS



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# BUCKEYES WITHOUT BORDERS

## Purpose

Buckeyes Without Borders (BWB) is a graduate interdisciplinary global health student organization at The Ohio State University. BWB members represent the disciplines of audiology, dentistry, medicine, nursing, occupational therapy, optometry, pharmacy, physical therapy, public health, social work, speech language pathology, and veterinary medicine.

BWB strives to foster Global Health awareness and the benefits of an interdisciplinary health care team on positive patient outcomes to its members through outreach and education to the OSU, Central Ohio, and Global communities.

## Impact

Beginning in 2009, BWB student member Cara Whalen forged partnerships between the Ubumwe Community Center (UCC), The Columbus Zoo and Aquarium's Partners In Conservation (PIC), and BWB to enable an interdisciplinary team of faculty and students to travel to Gisenyi, Rwanda annually to provide health education and service to the UCC.

Three years of preparation with partners in Rwanda (UCC), Columbus (PIC), and students, faculty, and staff at OSU culminated in five interdisciplinary student members of BWB travelling to the UCC in June 2012. This trip to Rwanda is now the annual international service opportunity for BWB members and an international service-learning course is currently being developed.



## OHIO STATE COLLEGES/UNITS INVOLVED

DENTISTRY  
MEDICINE  
NURSING  
OCCUPATIONAL THERAPY  
PHARMACY  
PHYSICAL THERAPY  
PUBLIC HEALTH  
VETERINARY MEDICINE  
THE HEALTH SCIENCES CENTER FOR  
GLOBAL HEALTH  
OFFICE OF INTERNATIONAL AFFAIRS  
GLOBAL GATEWAYS

## COMMUNITY PARTNERS INVOLVED

UBUMWE COMMUNITY CENTER (UCC)  
THE COLUMBUS ZOO AND AQUARIUM'S  
PARTNERS IN CONSERVATION

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# BUCK-I-SERV

## Purpose

Buck-I-SERV is Ohio State's alternative breaks program that, with Student Activity Fee funding, coordinates with service agencies on the national and international fronts to create weeklong, substance-free trips centered on community service and civic engagement. Buck-I-SERV's mission is to provide students with challenging and exciting opportunities to lead and learn through direct service experiences.

## Impact

By working in diverse environments that sometimes challenge their comfort zones, students gain new perspectives regarding social justice and civic engagement while learning about the importance and significance of reflection. Students work to meet community needs, build on community assets, and bring their experiences back to campus with them at the closing of their trip.

Through this life-changing experience, students have the opportunity to build new friendships while working together to meet the needs of a community and build on that community's strengths. Over 65 of these alternative break trips are planned each year.

### OHIO STATE COLLEGES/UNITS INVOLVED

OFFICE OF INTERNATIONAL AFFAIRS  
MULTICULTURAL CENTER  
THE OHIO STATE UNIVERSITY ALUMNI ASSOCIATION

\*WE ALSO INVOLVE A VARIETY OF OTHER COLLEGES/UNITS ACROSS OHIO STATE'S CAMPUS THROUGH OUR TRIP ADVISORS' INVOLVEMENT. EACH TRIP DEPARTS FROM COLUMBUS WITH AT LEAST ONE FACULTY/STAFF OR GRADUATE STUDENT ADVISOR, FROM A VARIETY OF UNITS ON CAMPUS.

### COMMUNITY PARTNERS INVOLVED

HABITAT FOR HUMANITY  
ONE HEARTLAND  
GUADALUPE CENTER  
FOOD AND FRIENDS  
FURKIDS  
ONE WORLD RUNNING  
OPERATION BREAKTHROUGH  
GAY MEN'S HEALTH CRISIS  
GOD'S LOVE WE DELIVER  
STEEL YARD  
ARC OF BALTIMORE  
COMMUNITY COLLABORATIONS  
INTERNATIONAL



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# BUILDING INTELLECTUAL CAPACITY IN PALEOCLIMATOLOGY AND GLACIOLOGY IN CHINA AND THE THIRD POLE REGION

## Purpose

Professor Lonnie Thompson's research team has worked collaboratively with Chinese scientists, most notably Professor Yao Tandong, for nearly three decades following a trip to encourage scientific exchange between scientists in China and the U.S. The Ohio State team has conducted major ice core drilling programs at multiple sites in China since 1986. Ohio State and Chinese teams have drilled ice cores containing evidence of Earth's past climate dating back hundreds of thousands of years.

## Impact

The impacts of this partnership have resulted in the formation of the Institute for Tibetan Plateau Research (ITPR) with two campuses, the first in Lhasa and a second in Beijing.

Since 2004, a graduate course in paleoclimatology has been taught simultaneously here at OSU and at ITPR using a videoconferencing system provided by the OSU Office of Research.

Professors Yao Tandong, Lonnie Thompson and Volker Mosbrugger of Germany organized the first Third Pole Environment Workshop to bring together organizations studying glaciers and climate change in the Himalayan Mountains.



## OHIO STATE COLLEGES/UNITS INVOLVED

BYRD POLAR RESEARCH CENTER  
SCHOOL OF EARTH SCIENCES

## COMMUNITY PARTNERS INVOLVED

INSTITUTE OF TIBETAN PLATEAU  
RESEARCH (CHINA)

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# BUILDING STRONG COMMUNITIES BY STRENGTHENING FAMILIES



## Purpose

Ohio State University Extension brings the knowledge of the university to your door. We fulfill the land-grant mission of The Ohio State University by interpreting knowledge and research developed by the Ohio Agricultural Research and Development Center, Ohio State and other land-grant universities, so that Ohioans can use the scientifically based information to better their lives, businesses and communities.

## Impact

Weinland Park, a neighborhood located in the University District, once plagued by drugs, gangs, low-performing schools, high disinvestment of businesses and substandard housing, is now being transformed into a neighborhood of choice, where people want to live, work, worship and attend school!

In Weinland Park, OSU Extension strives to fulfill our mission through the use of Individual Development Accounts (IDA), a savings incentive program designed to empower low-moderate income families to save towards an asset goal of homeownership, post-secondary education or small business ownership. Participants must remain in the program up to one year; make regular monthly deposits into a dedicated savings account; attend an 8 hour Financial Literacy workshop and attend asset specific training (up to 10 hours). Participants who successfully complete the program and save \$500 receive a match of \$1,000 towards their asset goal. These funds are made available through public and private sources.



## OHIO STATE COLLEGES/UNITS INVOLVED

CAMPUS PARTNERS

COLLEGE OF FOOD, AGRICULTURAL AND  
ENVIRONMENTAL SCIENCES

OSU EXTENSION

## COMMUNITY PARTNERS INVOLVED

HABITAT FOR HUMANITY OF MID-OHIO

INCREASE CDC

OHIO CDC ASSOCIATION

WEINLAND PARK COLLABORATIVE

WEINLAND PARK COMMUNITY CIVIC ASSOCIATION

## CIVIC PARTNERS INVOLVED

CITY OF COLUMBUS

OHIO HOUSING FINANCE AGENCY

THE COLUMBUS FOUNDATION

U.S. DEPARTMENT OF HOUSING AND

URBAN DEVELOPMENT

## CORPORATE PARTNERS INVOLVED

FIFTH THIRD BANK

J.P.MORGAN CHASE BANK

WAGENBRENNER DEVELOPMENT CORPORATION

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# CHILE TEACHING EXPERIENCE

## Purpose

The Chile Teaching Experience has existed for nearly 20 years. This program allows pre-service teachers opportunities to use teaching skills in diverse settings. The program is situated at the Thomas Jefferson School in Concepción, Chile.

## Impact

Students live with a host family for one month. The students reflect on what they learned about children, teaching, and how to adapt when an outsider to a culture. Without exception, each student returns with a new understanding of how children in their future classrooms may feel if they are new to American culture or if English is their second language.

Accompanying Ohio State faculty provide professional development for the school's teachers. These include workshops, classroom visits, and sharing of American school materials. The visiting students share new teaching ideas with their mentor teacher, bringing what they have learned in their teacher education program at Ohio State to the teachers of Thomas Jefferson.

OHIO STATE COLLEGES/UNITS INVOLVED  
COLLEGE OF EDUCATION AND HUMAN  
ECOLOGY  
DEPARTMENT OF TEACHING AND  
LEARNING

COMMUNITY PARTNERS INVOLVED  
THOMAS JEFFERSON SCHOOL,  
CONCEPCION, CHILE



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# COMMUNITY DAY

## Purpose

An annual event, Community Day offers free health screenings, evaluations and counseling to the medically underserved throughout Columbus. Screenings offered include: breast and prostate, hearing, dental, vision, glucose, cholesterol, Body Mass Index, lung function, podiatry, and blood pressure. Screenings are provided by doctors, residents, medical students, nursing students and College of Dentistry faculty and students who all donate their time.

## Impact

Clinicians see Community Day as a great way of giving back to our community and this event also provides students and residents with hands-on experience and the opportunity to learn from each other.

Participants whose screenings results are outside of the normal range are provided references for follow-up care. A key component of Community Day is an exhibitor tent with health and human service organizations from throughout Columbus.

### OHIO STATE COLLEGES/UNITS INVOLVED

WEXNER MEDICAL CENTER

COLLEGE OF MEDICINE

COLLEGE OF DENTISTRY

### COMMUNITY PARTNERS INVOLVED

VARIOUS HEALTH AND HUMAN

SERVICES ORGANIZATIONS

THROUGHOUT COLUMBUS



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# CRITICAL SERVICE-LEARNING INITIATIVES AND COMMUNITY ENGAGEMENTS



## Purpose

This project engages local and national stakeholders in discussions on critical service-learning and community engagement initiatives. It promotes sustainable ways for public schools, universities, and communities to collaborate in centering student learning and pedagogical practices. The project sponsored a national service learning conference, advisory board meetings, research roundtables, and local philanthropy programs. Together, these events highlight the value of addressing student achievement and community needs across K-16 contexts.

## Impact

A unique professional development partnership among the Columbus Education Association, Columbus City Schools, NEA, and Ohio State.

Through an Ohio State graduate course, we have trained over 80 CCS K-12 teachers across content areas to create and implement unique service-learning initiatives in classrooms and communities.

Over 6,000 students have participated in service learning experiences, many of whom have presented at national conferences, spoke to local audiences, developed grant writing skills, and engaged in student philanthropy.

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## OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF EDUCATION AND HUMAN  
ECOLOGY  
OFFICE OF DIVERSITY AND INCLUSION  
COLUMBUS CITY SCHOOLS  
COLUMBUS EDUCATION ASSOCIATION  
NATIONAL EDUCATION ASSOCIATION  
NEA FOUNDATION

## COMMUNITY PARTNERS INVOLVED

SAINT STEPHEN'S COMMUNITY HOUSE  
GRANGE INSURANCE AUDUBON  
CENTER  
NATIONWIDE CHILDREN'S HOSPITAL  
NEIGHBORHOOD HOUSE  
GREATER LINDEN DEVELOPMENT  
CORPORATION  
SEE KIDS DREAM/PENNY HARVEST  
COLUMBUS ZOO  
CHURCH OF THE GOOD SHEPHERD  
UNITED METHODIST CHURCH  
NORTHSIDE COMMUNITY CENTER

# THE DENTAL H.O.M.E. (HEALTH OUTREACH MOBILE EXPERIENCE) COACH

## Purpose

Dental care is the #1 unmet health care need in Ohio. The College of Dentistry's H.O.M.E. Coach is a mobile dental clinic that helps to bridge this gap by providing oral health care and education to underserved children in Columbus and surrounding communities. The Dental H.O.M.E. Coach is an outreach program that strives to meet the oral health needs of Ohioans in key underserved areas. 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. The Coach is staffed by faculty-supervised senior dental students and dental assistants who provide comprehensive treatment that includes diagnostic and preventive care, restorative dentistry, digital radiography, and minor surgery.

## Impact

Many children and their families can't afford dental care. An Ohio Family Health survey found that about 36 percent of working families have no dental insurance. This program serves these families by accepting only public health insurance and no payments are required if patients are uninsured.

Dental care remains the single most common unmet health care need for nearly 157,400 children in Ohio, regardless of family income.

The Dental H.O.M.E. Coach makes an impact on local communities by providing services to approximately 2,000 children in Franklin County annually.

**OHIO STATE COLLEGES/UNITS INVOLVED**  
COLLEGE OF DENTISTRY  
OFFICE OF COMMUNITY EDUCATION

**COMMUNITY PARTNERS INVOLVED**  
NATIONWIDE CHILDREN'S HOSPITAL  
COLUMBUS CITY SCHOOLS



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# DESIGN MATTERS: A SERVICE-LEARNING COURSE ENGAGING URBAN YOUTH IN COMMUNITY REBUILDING

## Purpose

Design Matters is a service-learning course that engages university students with urban teens from TRANSIT ARTS in community design/build projects. Initiated and developed by Assistant Professor Susan Melsop, this course provides experiential learning to OSU students and extends education to an underserved population through collaborative thinking, designing and making. Over the course of the semester, teams of students and urban teens exchange knowledge, share cultural values and collectively build furniture scale artifacts for a new community art center.

## Impact

Based on a praxis of empathic design pedagogy, the course exposes university students to diverse populations, brings design services to socio-economically challenged neighborhoods and invests in the creative capital of youth in Columbus, Ohio through collaborative design/build course work.

Design Matters is an interdepartmental/interdisciplinary course open to undergraduates and graduate students. In its short history,

OHIO STATE COLLEGES/UNITS INVOLVED  
DEPARTMENT OF DESIGN

COMMUNITY PARTNERS INVOLVED  
CENTRAL COMMUNITY HOUSE  
TRANSIT ARTS, AN ARTS-BASED  
YOUTH DEVELOPMENT PROGRAM

the course has attracted students from engineering, architecture, landscape architecture, industrial design, visual communications, comparative studies and sociology.

Over a period of three courses, university students and TRANSIT ARTS teens have co-designed and successfully built site-specific permanent installations, ecologically sound furniture, and culturally-inspired landscape elements.



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# DEVELOPING FLEETCALC TO RESHAPE OUR NATION'S VEHICLE FLEETS

## Purpose

Fleet owners now have a plethora of fuel options, vehicle types and technologies to choose from. There is a huge amount of information available on these options, some of which is contradictory, hard to compare, misleading or false. This same gauntlet is faced by policy makers who look to formulate strategies to accomplish a particular goal, or who wonder what the implications are of a particular program or initiative.

Complex fleet calculators have been developed, giving fleet owners detailed information on the implications of a particular vehicle option. These fleet calculators require large amounts of data, and their results are complex and difficult to interpret.

## Impact

FleetCalc will be the first online tool to provide accurate information on alternatives for Fleet vehicles based on real vehicle performance data and use patterns. Fleetcalc is a computer simulation that uses real vehicle data and sophisticated computer algorithms to provide fleet owners and policymakers with an ability to understand the impact of different technology options, fuel choices, driving styles, vehicle

### OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF ENGINEERING  
CENTER FOR AUTOMOTIVE RESEARCH  
JOHN GLENN SCHOOL OF PUBLIC AFFAIRS

### COMMUNITY PARTNERS INVOLVED

VARIOUS VEHICLE FLEET OWNERS

accessories and policy incentives on the cost and performance of various vehicles. Thus far, the team has:

- Completed Comparison Assessment of other fleet calculators
- Evaluated vehicle technologies and options to determine technical inputs to program
- Surveyed and interviewed various stakeholders for needs and wants for program
- Determined input and output structures
- Developed initial economic analysis
- Initiated Discussion on user interface prototype
- Built initial web-based interface prototypes
- Initiated initial fleet owner review
- Developed preliminary framework for education



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# DINING WITH DIABETES PROGRAM DEVELOPMENT



## CONTACT

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## Purpose

Nearly 1 in 10 Ohioans has been diagnosed with diabetes which, if not managed properly, can increase the risk for serious health problems, from heart disease to eye and foot complications. Diabetes costs Ohio \$5.9 billion annually in medical expenses, lost work, and early death.

To address this critical problem, OSU Extension's Dining with Diabetes (DWD) teaches ways to manage diabetes through menu-planning, carbohydrate-counting, portion control, label-reading, food demonstration and healthy recipe taste-testing.

## Impact

The class is taught in three sessions by Family and Consumer Sciences Extension Educators and community partners throughout the state. In 2012, DWD was taught in 19 counties with over 394 participants

**OHIO STATE COLLEGES/UNITS INVOLVED**  
COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES  
COLLEGE OF EDUCATION AND HUMAN  
ECOLOGY  
COLLEGE OF PUBLIC HEALTH  
OSU EXTENSION  
DEPARTMENT OF HUMAN NUTRITION

**COMMUNITY PARTNERS INVOLVED**  
19 COUNTY EXTENSION AGENTS





# East Asian Studies Center's Arts Initiative



## Brings Renowned Japanese Artist Migiwa Orimo to Columbus Preparatory Academy

### Project Description

In Autumn 2012, EASC's arts initiative continued with a large-scale project which brought renowned Japanese artist Migiwa Orimo to Columbus to work on Japan-themed art projects with school children and to share her work with the larger community through an exhibition at a municipal building. EASC Program Manager Michelle Attias-Goldstein led the project which secured external funding from both the Greater Columbus Arts Council and the Ohio Arts Council.

EASC selected a local charter school, Columbus Preparatory Academy, as its partner school and worked closely with Orimo and art teacher Kristen Pyshora to design the Japan-themed program for the 800+ students. Programming began with elementary school and middle school assemblies at which Orimo presented on her work as an installation artist while contextualizing it through introductions of elements of Japanese culture, such as traditional festivals and the connection with nature. Students then spent the next three weeks working on Japan-themed projects in art class, such as writing their name in Japanese, origami, kirigami, fans, kimono patterns, haiku, brush painting, wish boards, and more. Orimo then returned to the school and used the student projects to construct a large installation in a hallway off of the school lobby. The space was transformed into a personal, reflective space containing the collective contributions of the entire school.

### Impact

800+ students at Columbus Preparatory Academy were given a presentation by artist Migiwa Orimo, introducing students to a working installation artist and contextualizing common cultural elements of Japan. For four weeks, they participated in a series of Japanese-themed art lessons and produced their own Japanese inspired artifacts. After, Orimo completed a separate installation at the school using the artifacts made by the students. Students were witness to the artist's process in assembling the materials and transforming the school's lobby into a gateway to Japanese culture.

### Ohio State Colleges/Units

East Asian Studies Center  
Office of International Affairs & the College of Arts and Sciences

### Community Partners

Ohio Arts Council, Greater Columbus Arts Council (Franklin County Neighborhood Arts Program), Columbus Preparatory Academy, Upper Arlington Concourse Gallery and artist Migiwa Orimo.



ABOVE: TEACHER KRISTEN PYSHORA (LEFT), ARTIST MIGIWA ORIMO (MIDDLE), AND DR. PATRICIA SIEBER (RIGHT)

"The art installation at CPA opened a new door of experiences that enlightened and engaged my students. They were in awe of meeting Migiwa and watching her at work. I really enjoyed working with the EASC and collaborating with Migiwa on such an exciting project. This was a one-of-a-kind experience that has been embedded in me and will inspire many future endeavors."

**Kristen Pyshora, art teacher,  
Columbus Preparatory Academy**



ABOVE: CLOSEUP OF STUDENT "WISH" BOARD, WITH STUDENT'S SIGNATURE IN JAPANESE.

BELOW: ARTIST MIGIWA ORIMO (FRONT LEFT) AND ART TEACHER KRISTEN PYSHORA (FRONT RIGHT) PRESENT AT THE CPA ELEMENTARY SCHOOL ASSEMBLY.







# ENERGIZE OHIO: BUILDING OHIO'S ENERGY FUTURE

## Purpose

Energize Ohio is a multidisciplinary program that addresses a wide range of energy education needs including youth education, energy policy, landowner leasing, and sustainable community planning. The curriculum consists of worksheets, presentation materials, workshop materials, bulletins, fact sheets, marketing templates, and evaluation tools. The ultimate goal of Energize Ohio is to enhance community leaders' and local residents' knowledge of energy drivers and development in order to promote informed decision-making and best practices.

## Impact

In 2012, OSU Extension taught more than 1,000 Ohioans how to prepare for and attract potential renewable energy developments.

In 2012, OSU Extension and the OSU Subsurface Energy Resource Center (SERC) conducted 149 programs, reaching more than 14,000 people, on shale energy-related topics.

Programming assisted community leaders in the development of three renewable energy projects that will annually pay over \$2.9 million to landowners and generate \$3.6 million in local taxes.



## OHIO STATE COLLEGES/UNITS INVOLVED

OSU EXTENSION - COMMUNITY DEVELOPMENT  
OSU EXTENSION - AGRICULTURE AND NATURAL RESOURCES  
OSU EXTENSION - FAMILY & CONSUMER SCIENCES  
OSU EXTENSION - 4-H YOUTH DEVELOPMENT  
SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES  
FOOD, AGRICULTURAL AND BIOLOGICAL ENGINEERING  
OSU SUBSURFACE ENERGY RESOURCE CENTER (SERC)

## COMMUNITY PARTNERS INVOLVED

ENERGIZE OHIO PROGRAMS DELIVERED IN MORE THAN 30 COUNTIES ACROSS OHIO.



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# ENGINEERING OUTREACH TO K12

## Purpose

Prof. Betty Lise Anderson leads an outreach program for engineering that is specifically designed to address the shrinking number of students going into the STEM fields and to increase the number of women and minorities in engineering. Along with Ohio State student volunteers, Prof. Anderson visits schools, camps, and after-school organizations to engage kids by teaching them how to build real engineering projects, such as working speakers and motors that they can take home.

## Impact

Prof. Anderson and her students have visited a total of 47 different schools, bringing engineering hands-on projects to more than 5,000 students, many of whom may never have thought they could be an engineer, or even had any idea what an engineer does.

Recent projects have emphasized energy, with kids building a DC motor and a Faraday flashlight. Another has students build a finger-tip heart-rate monitor using a potato-chip clip, infrared LED, and some simple circuitry.



## OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF ENGINEERING  
DEPARTMENT OF ELECTRICAL AND  
COMPUTER ENGINEERING  
COLLEGE OF ENGINEERING MINORITY  
ENGINEERING PROGRAM  
COLLEGE OF ENGINEERING WOMEN IN  
ENGINEERING PROGRAM

## COMMUNITY PARTNERS INVOLVED

47 DIFFERENT SCHOOLS  
4H CLUB  
VINEYARD COMMUNITY CENTER  
ENGINEERING EXPLORER POST  
YMCA Y-CLUB  
YOUNG SCHOLARS PROGRAM  
WRIGHT SCHOLARS  
OHIO SCIENCE AND ENGINEERING TALENT  
EXPANSION PROGRAM



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# ENHANCING RURAL EDUCATION/BUSINESS CONNECTIVITY: A NEW MODEL TO ADVANCE WORKFORCE DEVELOPMENT OPPORTUNITIES



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## Purpose

In 2010, the Hardin County Chamber Business Alliance identified the need to improve collaboration and communication between business and education as one of their primary goals. With a seed grant of \$10,000 through OSU CARES, the Chamber partnered with the OSU Alber Enterprise Center and OSU Extension to survey business and educational institutions to identify opportunities that might help orient workers to future jobs in Hardin County.

Fifty-eight businesses employing almost 2,000 people and representing all sectors (including education) responded to an OSU Extension Business Retention & Expansion (BR&E) Signature Program survey including one-on-one interviews by the team.

## Impact

This resulted in the development of a web based platform to connect resources and communicate opportunities to benefit youth, the unemployed, underemployed and future workforce.

This model creates linkages that focus on creation of a workforce development communications model that can be replicated in

### OHIO STATE COLLEGES/UNITS INVOLVED

OSU EXTENSION  
OSU MARION ALBER ENTERPRISE  
CENTER

### COMMUNITY PARTNERS INVOLVED

HARDIN COUNTY CHAMBER BUSINESS  
ALLIANCE

# ENVIRONMENTAL TECHNOLOGY TRANSFER TO RURAL CHINA

## Purpose

Dr. Mancl's work with China is comprehensive and reflects her faculty position at OSU to include teaching, outreach, research and service. In her work she continues to successfully improve the environment of both rural China and the US through the exchange of environmental technology. To facilitate her efforts she learned Chinese and obtained an MA in East Asian Studies. Now, through her work and advanced study she promotes Chinese language and culture at OSU and beyond.

## Impact

Outreach: In China: Lectures and writes in Chinese about wastewater treatment. In Ohio: Teaches agricultural & business professionals how to work in rural China.

Research: Develops new, low-cost wastewater treatment technology. Builds demonstration systems in rural China and Ohio.

Service: Faculty advisor to the Chinese Culture Connection at OSU. First STEM faculty member in East Asian Studies grad program.



## OHIO STATE COLLEGES/UNITS INVOLVED

FOOD, AGRICULTURAL AND  
BIOLOGICAL ENGINEERING  
EAST ASIAN LANGUAGES AND  
LITERATURES  
EAST ASIAN STUDIES

## COMMUNITY PARTNERS INVOLVED

NATIONWIDE INSURANCE  
SHANDONG ACADEMY OF  
AGRICULTURAL SCIENCES  
BIOHAVEN ENVIRONMENTAL  
TECHNOLOGIES  
WHITewater PROCESSING



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# FAITH MISSION OUTREACH EYE CLINIC

## Purpose

To serve a community of need with quality eye care and provide the next generation of optometrists with firsthand experience in not only clinical care, but also in the value of engaging communities to improve society.

## Impact

The Eye Clinic has grown tremendously since 2000, serving more than 1,500 patients annually through comprehensive eye exams, ocular disease evaluations, and treatment. Including repeat visits, more than 3,000 patients visit annually.

Students have discovered tumors, swelling of optic nerves, and other diseases in patients and helped them find proper treatment.

Recent survey of optometry alumni found graduates who completed rotation through an outreach clinic as a student donated 94% more professional services to underserved individuals in communities than graduates who did not have outreach experience.

In 2012, 24 senior student externs rotated through for over 3,000 volunteer hours, plus undergraduates contributed another 300 volunteer hours.



OHIO STATE COLLEGES/UNITS INVOLVED  
COLLEGE OF OPTOMETRY

## COMMUNITY PARTNERS INVOLVED

FAITH MISSION  
PREVENT BLINDNESS OHIO  
MOUNT CARMEL OUTREACH  
J.O.I.N. (JOINT ORGANIZATION OF INNER CITY NEEDS)  
TB CLINIC  
PHYSICIANS FREE CLINIC  
BREATHING ASSOCIATION  
ALCON HUMANITARIAN OUTREACH  
SELECT OPTICAL



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# FARMING WITH ARTHRITIS



## Purpose

Arthritis is a disease common to older adults and especially Ohio farmers due to high-risk work demands. Arthritis impacts one's health, quality of life, and economic livelihood. The purpose of our project is to encourage arthritis prevention and management efforts.

## Impact

- Arthritis screening tool for farmers developed, revised, and tested over the past three years and shared with Extension agents in six states.
- Training manuals developed and disseminated to OSU Extension educators to replicate project.
- Over 800 Ohio farmers and rural older adults screened. A majority had minimal-moderate risk for arthritis and encouraged to contact local healthcare providers.
- Sixty-one students from OSU and Shawnee State learned about health problems of rural older adults and trained to administer screenings.
- Fifty-five community healthcare professionals received continuing education in arthritis.

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## OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF MEDICINE  
WEXNER MEDICAL CENTER  
OCCUPATIONAL THERAPY  
PHARMACY  
OSU EXTENSION

## COMMUNITY PARTNERS INVOLVED

SHAWNEE STATE UNIVERSITY  
SOUTHERN OHIO MEDICAL CENTER  
BERGER HEALTH SYSTEMS







# FOSTERING INTERNATIONAL PARTNERSHIPS ON HIV CARE AND PREVENTION IN MALAWI

## Purpose

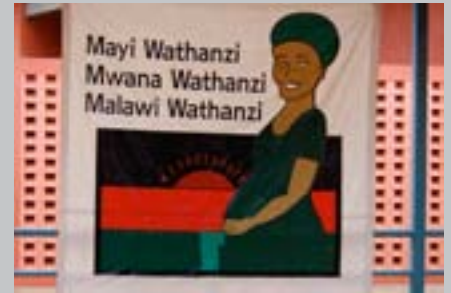
Prevention of HIV infection and unwanted pregnancy is essential for the survival and well-being of women and families throughout the world. In Malawi, a peaceful country in sub-Saharan Africa, there are an estimated one million people living with HIV, one half of whom are women. Our multidisciplinary team of American and Malawian scientists, researchers, students, and practitioners is establishing a longitudinal health program to improve the health and well-being in rural Malawi.

## Impact

Dr. Kwiek has worked in Malawi since 1995 and has 14 peer-reviewed publications with his Malawian colleagues.

Dr. Kwiek led a team from OSU Health Sciences Center for Global Health to Malawi to establish research and educational opportunities. 24 OSU medical students have since worked in Malawi.

This summer, Drs. Norris (Epidemiology) and Norris Turner (Medicine), and several OSU graduate/professional students will spend three months in western Malawi conducting a baseline survey of health needs of the community.



## OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF MEDICINE  
DEPARTMENT OF MICROBIAL  
INFECTION AND IMMUNITY  
DEPARTMENT OF MEDICINE  
(INFECTIOUS DISEASES)  
COLLEGE OF PUBLIC HEALTH  
(EPIDEMIOLOGY)  
INSTITUTE FOR POPULATION RESEARCH  
CENTER FOR MICROBIAL INTERFACE  
BIOLOGY  
CENTER FOR RETROVIRUS RESEARCH

## COMMUNITY PARTNERS INVOLVED

MALAWI COLLEGE OF MEDICINE  
CHILD LEGACY INTERNATIONAL  
BAYLOR COLLEGE OF MEDICINE



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# GENERATION Rx INITIATIVE

## Purpose

Unintentional drug poisoning is now the leading cause of accidental death in the country. On average, four people in Ohio and 100 across the U.S. die from these drug overdoses each day. The Generation Rx Initiative was created by the College of Pharmacy in 2007 to address this serious public health problem.

## Impact

Partnering with the Cardinal Health Foundation, the program has created educational resources aimed at specific populations that are available to the public for free. These kits provide presentations, handouts, activities, and other related materials.

Its original community-based toolkit has been used in every state in the country. Toolkits have also been developed for youth, teens, college students, and seniors. Nearly half of the 127 Schools of Pharmacy in the U.S. now have an active Generation Rx Program.

### OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF PHARMACY  
COLLEGE OF SOCIAL WORK  
COUNSELING AND CONSULTATION  
SERVICES  
OSU EXTENSION  
OFFICE OF STUDENT WELLNESS

### COMMUNITY PARTNERS INVOLVED

CARDINAL HEALTH FOUNDATION  
DRUG FREE ACTION ALLIANCE  
NATIONAL COUNCIL ON PATIENT  
INFORMATION AND EDUCATION  
OHIO DEPARTMENT OF HEALTH  
OHIO DEPARTMENT OF ALCOHOL AND  
DRUG ADDICTION SERVICES  
AMERICAN PHARMACISTS ASSOCIATION  
- ACADEMY OF STUDENT PHARMACISTS  
(APhA-ASP)  
THE BACCHUS NETWORK  
INTERACT  
NOPE TASK FORCE  
OHIO PHARMACISTS ASSOCIATION  
WOSU@COSI  
OTHER COLLEGES AND UNIVERSITIES



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COLLEGE OF PHARMACY  
[HTTP://GO.OSU.EDU/GENERATIONRX](http://go.osu.edu/generationrx)





# GHANA SUSTAINABLE CHANGE PROGRAM

## Purpose

The Ghana Sustainable Change Program is an interdisciplinary service learning study abroad program managed by City and Regional Planning faculty members Charisma Acey and Jamie Greene.

The purpose of Sustainable Change is to provide culturally sensitive localized, district planning to assist the Offinso North District in meeting the challenges of population growth. The program's approach focuses on working hand-in-hand with the community. Prior to traveling to Ghana, an interdisciplinary group of undergraduate and graduate OSU students determine a series of projects on which they focus, including housing, mapping and land use planning, water, sanitation, public health, agriculture, and more.

## Impact

Upon arriving in Ghana, the OSU students are joined by town planning students from KNUST and work in teams with community members and local government officials to carry out their projects. To date 32 undergraduate and graduate students have traveled to Ghana and 10 more will travel in May 2013.

### OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF ENGINEERING  
KNOWLTON SCHOOL OF ARCHITECTURE  
CITY AND REGIONAL PLANNING  
OFFICE OF INTERNATIONAL AFFAIRS  
CENTER FOR AFRICAN STUDIES

### COMMUNITY PARTNERS INVOLVED

OFFINSO NORTH DISTRICT  
KWAME NKRUMAH UNIVERSITY OF  
SCIENCE AND TECHNOLOGY  
BRONG AHAFO ASSOCIATION OF  
COLUMBUS, OHIO

IN LOVING MEMORY OF  
**JEREMIAH DAHAMANI BUKARI**  
DISTRICT DEVELOPMENT OFFICER  
OFFINSO NORTH DISTRICT



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# GLOBAL HEALTH MISSION



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## Purpose

The 13th College of Nursing Honduras mission took place in March 2013. The project has expanded from a small trip of three people and a community assessment to a full-fledged health care mission to the people of Honduras. The program in Choluteca is divided among six villages and a consortium of five fishing villages for primary care and the Hospital del Sur which is the public hospital in Choluteca.

## Impact

In the villages we do urgent care, primary care and well woman care. We have continuity of care using an OSU educated Family Nurse Practitioner and a Honduran physician, so patients get care all year even when we aren't there.

We see around 1,500 patients during our mission. Students work in the local hospital modeling appropriate nursing care. In addition, our students present in-service education for the hospital staff, including training in CPR and standard infection precautions. A health visitor project has been going on for the last four years where we educate village women in areas of simple first aid, blood pressure monitoring, infection precautions and how to take care of people who have leg or foot ulcers as a result of their diabetes or hypertension.

## OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF NURSING  
COLLEGE OF MEDICINE  
COLLEGE OF DENTISTRY  
COLLEGE OF PHARMACY

## COMMUNITY PARTNERS INVOLVED

WORLD GOSPEL MISSION  
OTHER NON-GOVERNMENTAL  
ORGANIZATIONS





# GLOBALIZATION OF OSU: CONNECTION TO EGYPT AND OTHER MIDDLE EAST AND AFRICAN COUNTRIES

## Purpose

With OSU playing a lead role, the objective of the program is to promote STEM education and research in Middle Eastern and African countries with a particular emphasis on the role of Muslim women in science. OSU has a MOA with Cairo University which gives the platform to work with other Egyptian institutions and expand to other Arab and African countries. Egypt is a very important center for higher education and research for them.

## Impact

Dr. Nahar has a long term connection with Arab countries, especially, with Egypt. She played the key role for the MOA covering Arts and Sciences, and Engineering, and currently for extension to Medicine.

A number of exchange visits, research collaborations, trainings between OSU and Cairo University were funded by OSU Astronomy, Physics, ODI, Middle East Center, and Cairo University. Outside funding proposals are under preparation.

Dr. Nahar has founded the International Society of Muslim Women in Science with enthusiastic members from 23 countries and cofounded the International Society of Arab Women in Science with members from 7 countries.

### OHIO STATE COLLEGES/UNITS INVOLVED

DEPARTMENT OF ASTRONOMY  
DEPARTMENT OF PHYSICS  
OFFICE OF INTERNATIONAL AFFAIRS  
OFFICE OF DIVERSITY AND INCLUSION  
MIDDLE EAST STUDIES CENTER

### COMMUNITY PARTNERS INVOLVED

FORUM OF INTERNATIONAL PHYSICS OF  
AMERICAN PHYSICAL SOCIETY  
INTERNATIONAL SESME PROJECT, LED  
BY THE U.S., BASED IN JORDAN



**Directly Above:** The best male Physics student receiving the award with a prize from the Dean of Faculty of Science, Dr. Nahar, and Physics chair of Aligarh Muslim University in India under a STEM program founded by Dr. Nahar.

**Bottom Left:** The best female Ph.D. graduating student at Cairo University in Egypt is accepting the prize under a STEM program founded by Dr. Nahar.

**Bottom Right:** Dean of Faculty of Science of Al Azhar University in Egypt is accepting the STEM proposal submitted by Dr. Nahar.



The librarian of the United Arab Emirates University library in UAEU and Dr. Nahar holding physics and astronomy books that Dr. Nahar contributed.



Dr. Nahar lecturing on the condensed course "Atomic Spectroscopy and Opacity" at Cairo University in Egypt administered under the MOA between Cairo University and OSU. Postgraduate students and researchers from seven institutions, participated in the course.

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EDU/~NAHAR



# HYDROLOGIC REDISTRIBUTION AND RHIZOSPHERE MICROBIOLOGY OF SHRUBS AS RESOURCE ISLANDS IN DEGRADED AGRO-ECOSYSTEMS OF THE SAHEL

## Purpose

The project is investigating the microbiology and hydrology of shrub-crop rhizospheres to develop sustainable agricultural systems for the ecologically fragile African Sahel.

## Impact

This is an extraordinary, cross cultural collaboration of African and U.S. scientists conducting state-of-the-art research. This team discovered 2 local shrubs that perform rhizosphere hydrologic lift (HL) of water and significantly increase crop production in the Sahel. They are investigating beneficial microorganisms, water stress reduction, and nutrient dynamics.

Their work has shown that HL enables rhizosphere microbial communities to function and drive biogeochemical processes over the extended Sahelian dry season; changing the paradigm of how arid ecosystems function. An Advanced Training in Tropical Microbial Ecology for 40 US/African early-career scientists is being conducted. Three post-docs, 4 past and 4 current PhDs, and undergraduates have/are conducting research in Senegal.

## OHIO STATE COLLEGES/UNITS INVOLVED

SCHOOL OF ENVIRONMENT AND  
NATURAL RESOURCES  
DEPARTMENT OF PLANT PATHOLOGY  
DEPARTMENT OF MICROBIOLOGY  
COLLEGE OF FOOD, AGRICULTURAL  
AND ENVIRONMENTAL SCIENCES

## COMMUNITY PARTNERS INVOLVED

UNIVERSITY OF CALIFORNIA, MERCED  
CENTRAL STATE UNIVERSITY  
USDA-ARS, OREGON  
UNIVERSITY OF THIES  
INSTITUT SENEGALAIS DE RECHERCHES  
AGRICOLAS  
FRENCH INSITUT DE RECHERCHE POUR  
LE DEVELOPMENT

## FUNDING

U.S. NATIONAL SCIENCE FOUNDATION,  
\$3.9 MILLION

Project outcomes are providing a foundation for developing biologically based agricultural systems with inter-cropped shrubs as nutrient/water reservoirs. These systems capitalize on local resources to increase food security and remediate degraded land which threatens over 37 million Sahelian acres.



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# IDENTIFYING SOCIAL AND CULTURAL BARRIERS TO FOOD SECURITY IN NICARAGUA

## Purpose

With approximately 1 billion people world-wide suffering from lack of adequate access to food, food insecurity and maternal-child malnutrition remain critical health issues in poor communities around the world. This project aims to address this pressing need in poor communities in Nicaragua (the 2nd poorest country in the Western hemisphere) through an "outreach through research" approach.

## Impact

This effort will involve local researchers and community members in a much-needed food security and health study in León, Nicaragua, and in outreach efforts that provide evidence-based feedback to the local communities about these health issues.

The immediate outcome of the project will be the identification of barriers to food security and child health in poor communities in León, Nicaragua. In the long-term, this project will yield invaluable future opportunities for Ohio State students and faculty to engage with local communities in research, learning and service in an international setting, where food insecurity and child malnutrition present serious threats to individuals' well-being.



## OHIO STATE COLLEGES/UNITS INVOLVED

DEPARTMENT OF ANTHROPOLOGY  
DEPARTMENT OF SOCIOLOGY  
COLLEGE OF ARTS AND SCIENCES

## COMMUNITY PARTNERS INVOLVED

CENTER FOR DEMOGRAPHIC  
AND HEALTH RESEARCH (LEÓN,  
NICARAGUA)



## CONTACT

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# IMPACT (INQUIRY MODEL FOR PROFESSIONAL ACTION AND CONTENT-RICH TEACHING)



## CONTACT

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PROFESSOR

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## Purpose

The IMPACT program began in 2004 by instructing teachers in Marion and Newark schools to use the inquiry method in their science classes. Starting in 2008, the work has been with science teachers in Marion City Schools middle and high schools. Inquiry refers to students exploring physical phenomena and reasoning about it. The role of the inquiry teacher is as a "guide on the side" or coach rather than an all-knowing "sage on the stage," the predominant model of teacher behavior in America.

The project began by making professional (content) development available for teachers during the summer and extensively during the school year. The program also uses the Full Option Science Systems (FOSS) curriculum purchased by the district, incorporating it with the IMPACT approach.

## Impact

In both the Ohio Achievement Test and Ohio Graduation Tests (OGT), science scores improved markedly from those achieved prior to the IMPACT program. The 2010-2011 OGT scores from the first group of students with at least one year of IMPACT instruction produced ~8-10% improvement in all categories.

### OHIO STATE COLLEGES/UNITS INVOLVED

DEPARTMENT OF PHYSICS

OHIO STATE MARION

COLLEGE OF ARTS AND SCIENCES

### COMMUNITY PARTNERS INVOLVED

MARION CITY SCHOOLS

THE OHIO DEPARTMENT OF

EDUCATION





# INNOVATIVE AGRICULTURAL RESEARCH INITIATIVE

## Purpose

The Ohio State University leads a consortium of U.S. universities training the next generation of food-system scientists, managers, and policymakers in Tanzania. The Innovative Agricultural Research Initiative (iAGRI) aims to develop human and institutional capacity for food security and poverty alleviation in a country where 42% of under-five children are malnourished.

## Impact

When the five-year initiative ends in 2016, it will have trained 20 Tanzanian scholars at the Ph.D. level and 100 at the Master's level, sponsored more than 130 research projects, improved Tanzanian university teaching methods and facilities, and established and nurtured research linkages between the U.S., Tanzania, and other African countries.

In 2012 and 2013, OSU instructors prepared 68 Tanzanians through live video-workshops for the Graduate Record Examination (GRE) and Test of English as a Foreign Language (TOEFL), as a first step towards their study in the U.S. Nineteen research projects have been launched on crop improvement, gender and agricultural productivity, climate change, nutrition, and other food security topics.

### OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES  
INTERNATIONAL PROGRAMS IN  
AGRICULTURE  
DEPARTMENT OF AGRICULTURAL,  
ENVIRONMENTAL AND DEVELOPMENT  
ECONOMICS

### COMMUNITY PARTNERS INVOLVED

SOKOINE UNIVERSITY OF AGRICULTURE  
(TANZANIA)  
NATIONAL AGRICULTURAL RESEARCH  
SYSTEM (TANZANIA)  
RUFORUM (REGIONAL UNIVERSITIES  
FORUM FOR CAPACITY BUILDING IN  
AGRICULTURE)  
MICHIGAN STATE UNIVERSITY  
UNIVERSITY OF FLORIDA  
VIRGINIA TECH  
TUSKEGEE UNIVERSITY  
IOWA STATE UNIVERSITY



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# INSIDE OUT



## CONTACT

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## Purpose

The Inside-Out corrections course (SOC 294, now SOC 2211S) includes Ohio State students and incarcerated individuals from the Southeastern Correctional Institute in Lancaster, Ohio. Both "inside" and "outside" students earn credit for the course, which examines various approaches and interdisciplinary modes of inquiry into U.S. models of corrections.

## Impact

The class is based on a national initiative that seeks to transform ways of thinking about crime and justice that encourages participants to see crime and justice issues from new perspectives and assists students (free and incarcerated) in seeing themselves as potential agents of social change.

Previous Inside-Out students have coordinated an annual alumni dinner, presented papers at local and national conferences, and been invited guest lecturers at universities across the state of Ohio to discuss their experiences in prison, Inside-Out, and re-entry. Additionally, students have published journal articles about their experiences.

## OHIO STATE COLLEGES/UNITS INVOLVED

THE OHIO STATE UNIVERSITY AT  
NEWARK  
DEPARTMENT OF SOCIOLOGY  
COLLEGE OF ARTS AND SCIENCES

## COMMUNITY PARTNERS INVOLVED

SOUTHEASTERN CORRECTIONAL  
INSTITUTE





# INTERACT

## Purpose

In 2006, Robin Post established a program and service-learning course intended to bring interactive theatre with socially conscious content to the university and the greater Columbus community. The program uses theatre as a vehicle to foster dialogue specific to challenging, controversial, or sensitive issues faced by those in the university community and beyond.

## Impact

Students enrolled in InterACT receive diversity leadership and conflict resolution training, are introduced to theatre as a means to affect social change; and receive ensemble-building, devising, and interactive improvisational performance skills.

They are also provided with the unique opportunity to research, collaborate with and then perform for community partners. For example, the Institute for Human Services in Columbus trains professionals to work in the service of child-welfare and InterACT students will create and then perform a new theatre piece to be explored during a full day training workshop to upwards of 200 social workers.



## OHIO STATE COLLEGES/UNITS INVOLVED

DEPARTMENT OF THEATRE  
UNIVERSITY CENTER FOR THE  
ADVANCEMENT OF TEACHING  
COLLEGE OF ARTS AND SCIENCES  
COLLEGE OF OPTOMETRY  
COLLEGE OF NURSING  
COLLEGE OF DENTISTRY  
COLLEGE OF ENGINEERING  
WILCE HEALTH CENTER  
GRADUATE SCHOOL  
THE MULTICULTURAL CENTER  
JAMES CANCER HOSPITAL

## COMMUNITY PARTNERS INVOLVED

WOSU@COSI  
METRO HIGH SCHOOL  
YOUTH TO YOUTH AT CAPITAL  
UNIVERSITY  
CARDINAL HEALTH  
THE INSTITUTE OF HUMAN SERVICES  
THE VA  
LINDEN MCKINLEY HIGH SCHOOL



## CONTACT

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# INTERNATIONAL CONGRESS ON PATHOGENS AT THE HUMAN ANIMAL INTERFACE

## Purpose

Ohio State and its partners are organizing the "2nd International Congress on Pathogens at the Human-Animal Interface (ICOPHAI): One Health for Sustainable Development". The goals of the second congress, ICOPHAI 2013, are to bring together a diverse group of scientists from developing and industrialized countries of the world and stimulate interactions using the "One Health" concept; exchange scientific information on risk factors, current technological advances in diagnosis, vaccine development, as well as the limitations and gaps in knowledge on pathogens at the animal-human interface and recommend priority areas for action.

## Impact

More than two-thirds of emerging infectious diseases around the globe today are of animal origin.

Diseases transmitted by food, water and of animal origin impose significant burdens and are major concerns worldwide.

ICOPHAI 2013 will take place in Porto de Galinhas, Brazil, August 14-17, 2013.

### OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF VETERINARY MEDICINE  
COLLEGE OF PUBLIC HEALTH  
COLLEGE OF MEDICINE  
FOOD ANIMAL HEALTH RESEARCH  
PROGRAM  
PUBLIC HEALTH PREPAREDNESS ON  
INFECTIOUS DISEASES

### COMMUNITY PARTNERS INVOLVED

VPH-BIOTECH GLOBAL CONSORTIUM  
FEDERAL UNIVERSITY OF PARAIBA  
U.S. AGENCY FOR INTERNATIONAL  
DEVELOPMENT  
NATIONAL INSTITUTE OF HEALTH  
NATIONAL SCIENCE FOUNDATION  
INT'L CENTRE FOR GENETIC  
ENGINEERING AND BIOTECHNOLOGY  
UNITED NATIONS UNIVERSITY



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# LEARNING IN FITNESS AND EDUCATION THROUGH SPORTS (LiFE SPORTS)

## Purpose

The Learning in Fitness & Education through Sports (LiFE Sports) Initiative is an innovative youth development project developed through a partnership between the Department of Athletics, the College of Social Work, Department of Recreational Sports and other on-campus and community partners. The Initiative aims: "to enhance the quality of youth development, sport, and recreational programs through service and outreach, teaching and learning, and research, thereby increasing positive developmental outcomes for youth."

## Impact

As part of LiFE Sports' service and outreach focus, youth from economically disadvantaged circumstances (ages 9-15) are offered sport and social skill instruction during a one-month summer camp.

From 2009-2012, LiFE Sports provided a summer camp for 2,130 youth, a youth leadership camp for 127 youth ages 16-18, over 800 health physicals, 18 sports clinics attended by 672 youth participants, and three college/career days.

LiFE Sports provided hands-on experience to 181 OSU students in the field of youth development.



## OHIO STATE COLLEGES/UNITS INVOLVED

DEPARTMENT OF ATHLETICS  
COLLEGE OF SOCIAL WORK  
DEPARTMENT OF RECREATIONAL SPORTS  
COLLEGE OF FOOD, AGRICULTURAL AND ENVIRONMENTAL SCIENCES  
COLLEGE OF EDUCATION AND HUMAN ECOLOGY  
COLLEGE OF NURSING  
COLLEGE OF DENTISTRY  
PHYSICAL ACTIVITY AND EDUCATIONAL SERVICES  
UNDERGRADUATE ADMISSIONS  
FIRST YEAR EXPERIENCE  
OFFICE OF STUDENT LIFE

## COMMUNITY PARTNERS INVOLVED

BOYS AND GIRLS CLUB OF COLUMBUS  
CARDINAL HEALTH  
CENTER FOR LATIN HOPE  
AFTER SCHOOL ALL-STARS  
COLUMBUS CITY SCHOOLS  
COLUMBUS CREW  
I KNOW I CAN  
PURDUE UNIVERSITY



## CONTACT

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# MILLION HEARTS INITIATIVE

## Purpose

The Ohio State University College of Nursing has led an intensive university-wide effort to be the first educational partner to help the U.S. Department of Health and Human Services, American Heart Association, CDC and American Stroke Association Million Hearts™ initiative to prevent 1 million heart attacks and strokes by 2017. The college has launched the Million Hearts interprofessional educational module as part of its National Interprofessional Education and Practice Consortium to Advance Million Hearts.

## Impact

Screenings include education on the ABCS – appropriate aspirin therapy, blood pressure control, cholesterol management, smoking cessation and stress reduction.

Students from any university or college can learn how to use the interprofessional 4-hour Million Hearts module at Ohio State to help save lives.

Ohio State nursing faculty and students have conducted screenings at the Ohio State Fair, Farm Science Review, and on campus for Valentine's Day.

### OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF NURSING  
WEXNER MEDICAL CENTER  
OFFICE OF HUMAN RESOURCES  
YOUR PLAN FOR HEALTH  
OSU HEALTH PLAN

### COMMUNITY PARTNERS INVOLVED

OHIO FIRST LADY KAREN KASICH  
PACT  
MOUNT VERNON AVENUE DISTRICT  
IMPROVEMENT ASSOCIATION  
U.S. DEPARTMENT OF HEALTH AND  
HUMAN SERVICES  
AMERICAN HEART ASSOCIATION  
AMERICAN STROKE ASSOCIATION  
CENTERS FOR DISEASE CONTROL AND  
PREVENTION



## CONTACT

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# MOMS2B

## Purpose

**The Moms2B mission is to empower pregnant women in high risk neighborhoods to deliver full term healthy babies by providing weekly group sessions focused on education, nutrition, clinical and social support that continues through the baby's first year of life.**

## Impact

Moms2B addresses disparities in health and social determinants through weekly group sessions in high risk, low income neighborhoods and builds bridges to prenatal clinics, medical homes and community resources.

Each session includes pregnant and parenting women and a multidisciplinary team of physicians, midwives, nurses, social workers, medical dietitians and lactation consultants. Faculty and students from OSU and Nationwide Children's Hospital lead and support the groups along with nurses from the Columbus Public Health Caring for 2 programs in collaboration with community partners, student interns and volunteers.

### OHIO STATE COLLEGES/UNITS INVOLVED:

WEXNER MEDICAL CENTER  
SCHOENBAUM FAMILY CENTER  
OSU EXTENSION, WEINLAND PARK/UNIVERSITY  
OFFICE OF OUTREACH AND ENGAGEMENT  
COLLEGE OF SOCIAL WORK  
COLLEGE OF MEDICINE  
COLLEGE OF NURSING  
COLLEGE OF PUBLIC HEALTH  
COLLEGE OF DENTISTRY  
COLLEGE OF EDUCATION AND HUMAN ECOLOGY

### ADDITIONAL SUPPORTERS:

NATIONWIDE CHILDREN'S HOSPITAL  
THE COLUMBUS FOUNDATION  
MEDITAPP  
KROGER  
CARESOURCE FOUNDATION  
PROCTOR AND GAMBLE  
JP MORGAN CHASE FOUNDATION  
COLUMBUS KIWANIS  
THE GOVERNOR'S OFFICE OF COMMUNITY AND FAITH BASED INITIATIVES

### COMMUNITY PARTNERS INVOLVED:

OHIO BETTER BIRTH OUTCOMES (OBBO)  
COLUMBUS PUBLIC HEALTH CARING FOR 2  
WEINLAND PARK COLLABORATIVE  
GRACE MISSIONARY BAPTIST CHURCH  
CHRIST MEMORIAL BAPTIST CHURCH  
TEMPLE ISRAEL  
GODMAN GUILD  
AMERICAN RED CROSS  
MID-OHIO FOOD BANK  
MOUNT VERNON TOWN HOMES



## CONTACT:

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COLLEGE OF MEDICINE  
WEXNER MEDICAL CENTER  
CLINICAL DIRECTOR,  
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MOMS2B PROGRAM  
NATIONWIDE CHILDREN'S HOSPITAL  
**PAT.GABBE@OSUMC.EDU**  
**WWW.MOMS2BOHIO.COM**



## Weekly session locations in Columbus, Ohio:

### Near East Side

Various churches on Tuesdays

### Weinland Park

at Grace Missionary Baptist Church on Wednesdays

- Includes a parenting group at Godman Guild
- Additional sessions include Moms Time Out and Laundry Day

### Far East Side

Christ Memorial Baptist Church on Thursdays

\* New proposed Moms2B Clinic Connections: Building Bridges to Medical Homes in process



# NEW ORLEANS SERVICE-LEARNING



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ELIZABETH A. CALDWELL  
COORDINATOR, WRITING PROGRAM AND  
WRITER'S STUDIO  
THE OHIO STATE UNIVERSITY AT NEWARK



## Purpose

Fifteen scholarship students in a year-long class are spending two weeks in New Orleans, developing Web sites, conducting and filming interviews, creating videos, and archiving materials for nonprofits preserving the city's unique culture.

## Impact

One group of students interviewed the legendary Mardi Gras Indian chiefs and are creating a film as well as a web site for the Mardi Gras Indian Council.

Five students are archiving jazz funeral obituaries and Mardi Gras Indians suits collected at the Backstreet Cultural Museum, a one-man folk museum.

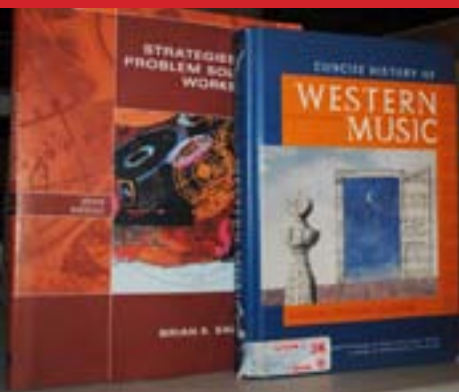
Other students are creating a Web site for Coastal Communities Consulting, which serves the Vietnamese and Cambodian fishing communities.

**OHIO STATE COLLEGES/UNITS INVOLVED**  
OHIO STATE NEWARK  
OFFICE OF OUTREACH & ENGAGEMENT

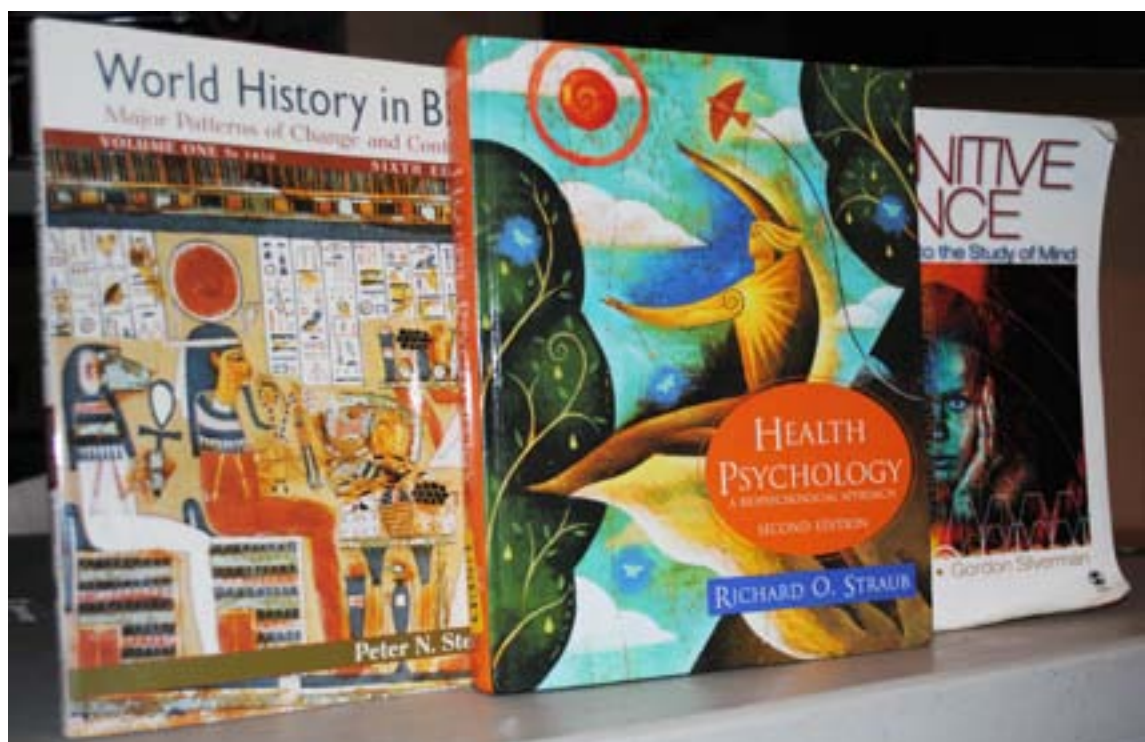
**COMMUNITY PARTNERS INVOLVED**  
THE BACKSTREET CULTURAL MUSEUM  
COASTAL COMMUNITIES CONSULTING  
(LOWER PLAQUEMINES PARISH)  
THE MARDI GRAS INDIAN COUNCIL







# OCKERMAN'S INTERNATIONAL BOOK PROJECT



## CONTACT

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ANIMAL SCIENCES  
FOOD SCIENCE AND TECHNOLOGY  
OCKERMAN.2@OSU.EDU



## Purpose

The purpose of this project is to send books to international Ohio State alumni for their university libraries. This ongoing initiative has been in existence for approximately 40 years.

Initially shipments went by mail (and brail and large print book still do) but now other shipmnets go by 20 or 40 foot containers containing approximately 36,000 to 72,000 books (30 to 60 tons) which are shipped twice a year.

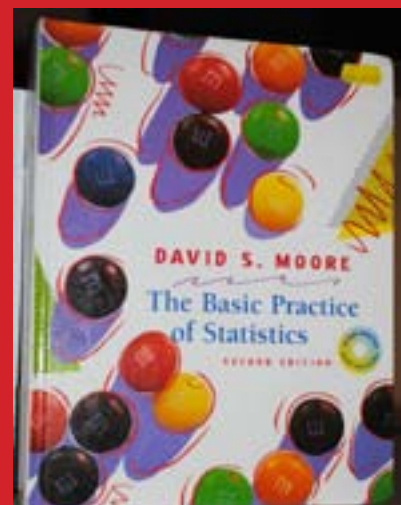
## Impact

To date books have been shipped to over 350 locations. For example, six container loads have been shipped to different universities in the Philippines. The estimated value of books, based on their last sales price, is in excess of \$850 million.

To show their appreciation Prof. Ockerman has received two honorary university degrees and has an international university library named after him, made an honorary, lifetime member of an international university alumni association, and an honorary member of three Rotary clubs in two countries.

OHIO STATE COLLEGES/UNITS INVOLVED  
OSU LIBRARIES INCLUDING REGIONAL  
CAMPUSES  
A VARIETY OF DEPARTMENTS

COMMUNITY PARTNERS INVOLVED  
HALF PRICE BOOKS  
OHIO LIBRARIES  
RETIRED PROFESSORS  
COMMUNITY MEMBERS  
OHIO STATE STUDENTS  
OHIO STATE FACULTY



# OHIO LOCAL FOOD POLICY COUNCIL NETWORK

## Purpose

Starting in 2007, Jill Clark served as a researcher for the Ohio Food Policy Advisory Council. She raised the funds to conduct basic research for the Council, established a baseline of rural food access, established experiments to address urban food access, and established measures of demand and capacity of the Ohio food system and produced a baseline survey of Ohio distributors to explore connecting Ohio retailers to Ohio consumers.

The Ohio Local Food Policy Council Network is enabling the food policy community to pool their experiences and information and to speak with one voice on Ohio food policy issues. It is also acting as a hub and a conduit for peer learning and exchange, capacity building and technical assistance.

## Impact

Professor Clark has been a leader in fostering the grass-roots food policy movement in Ohio. In 2007, only one local food policy council was in operation in Ohio. There are now 19 established or emerging councils. In 2012, Jill established the Ohio Local Food Policy Council Network, enabling the food policy community to pool their experiences and information and to speak with one voice on Ohio food policy issues. It is also acting as a hub and a conduit for peer learning and exchange, capacity building and technical assistance.

## OHIO STATE COLLEGES/UNITS INVOLVED

JOHN GLENN SCHOOL OF PUBLIC AFFAIRS  
COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES  
OSU EXTENSION

## COMMUNITY PARTNERS INVOLVED

ALLEN COUNTY FOOD POLICY COUNCIL  
ATHENS FOOD POLICY COUNCIL  
CENTRAL OHIO LOCAL FOOD WORKING GROUP  
CLEVELAND/CUYAHOGA COUNTY FOOD POLICY COUNCIL  
COLUMBIANA/MAHONING/TRUMBULL COUNTIES  
DELAWARE LOCAL FOOD COUNCIL  
FAIRFIELD COUNTY LOCAL FOOD COUNCIL  
FRANKLIN COUNTY LOCAL FOOD COUNCIL  
GREATER CINCINNATI REGIONAL FOOD POLICY COUNCIL  
KNOX COUNTY LOCAL FOOD COUNCIL  
LAKE LOCAL FOOD INITIATIVE  
LICKING COUNTY LOCAL FOOD COUNCIL  
LORAIN COUNTY  
MONTGOMERY COUNTY FOOD POLICY COALITION (DAYTON)  
FOOD COUNCIL OF NORTHWEST OHIO  
SUMMIT COUNTY FOOD POLICY COALITION (AKRON)  
TUSCARAWAS COUNTY  
UNION COUNTY  
YELLOW SPRINGS



## CONTACT

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# OHIO STATE MARION GoBuck\$ PROGRAM

## Purpose

Ohio State Marion's GoBuck\$ program helps the university better encourage Marion County's K-12 students to attend college and, eventually, help the community raise its BA attainment rate from approximately 12% to a figure closer to the national average, approximately 30%.

## Impact

Small-dollar (\$25 and \$50) certificates for tuition to Ohio State Marion are awarded quarterly to students who meet attendance and achievement goals in all grades of the Marion City Schools. They are backed by scholarship funds supplied by the George and Dorothy Alber endowment through the Columbus Foundation. The GoBuck\$ program is now being introduced into four Marion County school districts.

The certificates perform several functions, including:

- They are immediate rewards for achieving academic and attendance goals in the K-12 years.
- The certificates turn into real scholarship dollars when students present them as they are admitted to Ohio State Marion.

### OHIO STATE COLLEGES/UNITS INVOLVED

THE OHIO STATE UNIVERSITY AT  
MARION

### COMMUNITY PARTNERS INVOLVED

MARION CITY SCHOOLS  
NORTH CENTRAL OHIO EDUCATIONAL  
SERVICE CENTER  
RIVER VALLEY LOCAL SCHOOLS  
RIDGEDALE LOCAL SCHOOLS  
ELGIN LOCAL SCHOOLS  
PLEASANT LOCAL SCHOOLS  
MARION CATHOLIC SCHOOLS  
COLUMBUS FOUNDATION  
MARION COMMUNITY FOUNDATION  
LOWE FAMILY  
ADDITIONAL INDIVIDUAL DONORS



## CONTACT

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# OHIO STATE SUMMER YOUTH WORK, COLLEGE AND COMMUNITY READINESS PROGRAM



## Purpose

Ohio State's Summer Youth Work, College and Community Readiness Program prepares high school students to be successful in the workplace, post-secondary education and community and civic engagement. Through the Summer S.O.A.R. Hire Program, students participate in a project-based career exploration program 20 hours per week for six weeks and receive a wage for their participation.

## CONTACT

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The program curriculum includes units on Professional Development, Leadership Development, Financial Literacy, College and Career Exploration, Field Trips, Resume Writing, Writing a Business Plan, Successful response to an RFP, and Community-Based Problem Solving.

## Impact

Participants in the program have demonstrated an increase in knowledge of:

- At least two career areas
- Workforce readiness
- Financial literacy
- Leadership, problem-solving and community organizing

Program participants engage with at least two academic departments/programs. This year's departments include Knowlton School of Architecture-City and Regional Planning, Fisher College of Business and the Center for the Study

## OHIO STATE COLLEGES/UNITS INVOLVED

OFFICE OF OUTREACH AND ENGAGEMENT  
KNOWLTON SCHOOL OF ARCHITECTURE  
CITY AND REGIONAL PLANNING  
FISHER COLLEGE OF BUSINESS  
JOHN GLENN SCHOOL OF PUBLIC POLICY  
CENTER FOR THE STUDY AND TEACHING OF WRITING

## COMMUNITY PARTNERS INVOLVED

MAYOR MICHAEL B. COLEMAN  
THE CITY OF COLUMBUS  
(DEPARTMENT OF TECHNOLOGY, HUMAN RESOURCES, DEVELOPMENT AND CIVIL SERVICE COMMISSION)  
COLUMBUS CITY COUNCIL  
FRANKLIN COUNTY COMMISSIONERS  
FRANKLIN COUNTY DEPARTMENT OF JOB AND FAMILY SERVICES  
CENTRAL OHIO WORKFORCE INVESTMENT CORPORATION  
ST. STEPHEN'S COMMUNITY HOUSE  
MID-OHIO REGIONAL PLANNING COMMISSION  
I KNOW I CAN



# OHIO STATE UNIVERSITY EXTENSION

## LOCAL FOODS SIGNATURE PROGRAM

### Purpose

Ohio State University Extension's Local Foods Signature Program addresses the critical need for outreach education around the broad topic of local food systems. The subject affects every Ohioan; public interest is high; research needs are great. The Local Foods Signature Program was designed to strategically address this need by building food literacy and skills around four themes: Food Production, Food and Family, Food and Business, and Food and Community.

### Impact

**Food Production** education for new and existing producers in growing food in both urban and rural areas to meet ever-increasing demand and fill gaps in food security.

**Food and Family** education centered on nutrition, food safety, food preservation, food budgeting, wellness, and developing healthy lifestyle choices.

**Food and Business** education tied to food processing, distribution, job creation and economic sustainability.

**Food and Community** education connecting local food to community gardens, farmers markets, food banks and schools.

### OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF FOOD, AGRICULTURAL AND ENVIRONMENTAL SCIENCES

- OHIO STATE UNIVERSITY EXTENSION
- DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

- OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

COLLEGE OF FOOD, AGRICULTURAL AND ENVIRONMENTAL SCIENCES AND COLLEGE OF ENGINEERING

- DEPARTMENT OF FOOD, BIOLOGICAL AND AGRICULTURAL ENGINEERING

COLLEGE OF EDUCATION AND HUMAN ECOLOGY

- DEPARTMENT OF HUMAN SCIENCES

OHIO AGABILITY PROGRAM

JOHN GLENN SCHOOL OF PUBLIC AFFAIRS

KNOWLTON SCHOOL OF ARCHITECTURE

### COMMUNITY PARTNERS INVOLVED

OSU EXTENSION IS UNIQUELY POSITIONED WITH AN OFFICE AND PROFESSIONALS IN EACH OF OHIO'S 88 COUNTIES.

AMERICORPS/VISTA

APPALACHIAN CENTER FOR ECONOMIC NETWORKS (ACENET)

GODMAN GUILD ASSOCIATION

INNOVATIVE FARMERS OF OHIO

LOCAL MATTERS

MID-OHIO REGIONAL PLANNING COMMISSION

OHIO DEPARTMENT OF AGRICULTURE

OHIO ECOLOGICAL FOOD AND FARMING ASSOCIATION

OHIO FARM BUREAU

OHIO FARM MARKET MANAGEMENT

NETWORK

OHIO MARKET MAKER

RURAL ACTION COUNCIL OF OHIO

SUSTAINABLE AGRICULTURE RESEARCH

AND EDUCATION PROGRAM



## CONTACT

OSU EXTENSION LOCAL FOODS  
SIGNATURE PROGRAM TEAM

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Co-LEADER: HEATHER NEIKIRK

Co-LEADER: KATE SHUMAKER

ERIC BARRETT

JILL CLARK

JULIE FOX

LINNETTE GOARD

MIKE HOGAN

HAL KNEEN

BRIAN RAISON

DANIEL REMLEY

CAROL SMATHERS

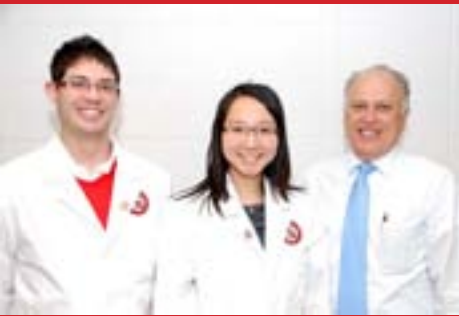
SUZANNE MILLS-WASNAIK



PHOTOS BY KEN CHAMBERLAIN



# OPERATION IMMUNIZATION – APhA ACADEMY OF STUDENT PHARMACISTS



## CONTACT

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APHAASPOSU](https://sites.google.com/site/aphaasposu)



## Purpose

APhA-ASP Operation Immunization program is a vaccine education campaign designed to increase the public's knowledge of immunizations while increasing the number of adults receiving vaccinations. We provided student pharmacists an opportunity to collaborate with local practitioners to provide immunizations and education. The 3 primary goals have been to increase public awareness of vaccinations, raise the adult vaccination rate, and reach out to underserved populations.

## Impact

Pharmacists can immunize in 50 states. We can serve as vaccine advocates or facilitators by creating partnerships with other health care professionals to have immunizations administered in a pharmacy.

Most student pharmacists are trained and certified to give flu vaccinations under the supervision of a pharmacist.

Our program collaborated with local institutions/ pharmacies' flu shot clinics. We helped vaccinate over 2,000 people this flu season.

OHIO STATE COLLEGES/UNITS INVOLVED  
OSU AMERICAN PHARMACISTS  
ASSOCIATION ACADEMY OF STUDENT  
PHARMACISTS (APhA-ASP)  
COLLEGE OF PHARMACY

COMMUNITY PARTNERS INVOLVED  
SAFeway, INC  
GIANT EAGLE PHARMACY  
CVS PHARMACY  
WILCE STUDENT HEALTH CENTER  
HELPING HANDS FREE CLINIC





# THE OHIO STATE UNIVERSITY ENDEAVOR CENTER

## **Purpose**

The Ohio State University's Endeavor Center is a vibrant example of how universities and community partners collaborate to make a shared vision a reality and how economically distressed communities in the Appalachian region benefit. The Endeavor Center became a reality in 2005 after 15 years of community commitment and collaboration.

## **Impact**

It has resulted in successes such as:

- More than 800 new high-skill, high-wage, high-tech jobs being created by business partners housed in the center
- In excess of \$50 million of direct increased economic impact for the area created by business partners occupying the center
- 14 business partners who have graduated to build facilities of their own or improved the economic vitality of local commercial real estate market by utilizing vacant space outside the center



## **OHIO STATE COLLEGES/UNITS INVOLVED**

COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES

## **COMMUNITY PARTNERS INVOLVED**

U.S. DEPARTMENT OF COMMERCE  
ECONOMIC DEVELOPMENT  
ORGANIZATION  
UNITED STATES DEPARTMENT OF  
AGRICULTURE  
GOVERNOR'S OFFICE OF APPALACHIA  
SOUTHERN OHIO DIVERSIFICATION  
INITIATIVE  
SOUTHERN OHIO AGRICULTURE  
AND COMMUNITY DEVELOPMENT  
FOUNDATION  
SHAWNEE STATE UNIVERSITY  
NUMEROUS SMALL AND LARGE  
BUSINESSES



## **CONTACT**

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# OSU Extension Housing Corps: A PARTNERSHIP TO SUPPORT OHIO HOMEOWNERS IN FINANCIAL DISTRESS



## CONTACT

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## Purpose

OSU Extension Housing Corps is a new Ohio-wide collaboration of faculty at the College of Education and Human Ecology and the John Glenn School of Public Affairs, OSU Extension, Ohio Housing Finance Agency, and the Ohio Commission on Service and Volunteerism.

The goal of this unique partnership is to provide economically vulnerable homeowners in rural Ohio with information and assistance to prevent mortgage default and foreclosure. The partnership launched in autumn 2011 with a "planning year" grant and in summer 2012 with an AmeriCorps of 15 volunteers housed in and serving the rural areas in Ohio.

## Impact

Since dispatching the AmeriCorps, over 1,500 rural homeowners have been provided with educational materials, community referrals, and hands-on instructions for applying to mortgage assistance programs.

The community need remains as urgent as ever: The fastest growth in foreclosure rates has been occurring in Ohio's rural areas.

## OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF EDUCATION AND  
HUMAN ECOLOGY  
COLLEGE OF FOOD, AGRICULTURAL  
AND ENVIRONMENTAL SCIENCES  
DEPARTMENT OF HUMAN SCIENCES  
JOHN GLENN SCHOOL OF  
PUBLIC AFFAIRS  
OSU EXTENSION

## COMMUNITY PARTNERS INVOLVED

OHIO HOUSING FINANCE AGENCY  
OHIO COMMISSION ON SERVICE AND  
VOLUNTEERISM



# PARTNERSHIP TO DEVELOP AGROECOLOGY AND EXTENSION PROGRAMS IN SENEGAL

## Purpose

The objective of the project is to implement state-of-the-art agricultural education and extension programs at the University of Gaston Berger (UGB), focused on enhancing sustainable agriculture in the fragile Sahelian agroecosystems of Africa. The project has established Associate and BS degree programs, and updated laboratories. Another main objective is to establish the land grant model at UGB, incorporating extension and research into the traditional teaching role of the university. This project is an innovative way to export the land grant model to Sub-Saharan Africa and to support sustainable agriculture.

## Impact

Thirteen UGB faculty in the new Department of Agricultural Sciences, Aquaculture, and Food Technology are being mentored by CFAES OSU faculty in teaching, research and extension. The first group of 94 associate and BS students have been trained and will graduate in July 2013. Two Ph.D. students are being trained at OSU in agricultural engineering and weed science. The project has implemented a pilot UGB extension program with 144 farmers on newly irrigated land

### OHIO STATE COLLEGES/UNITS INVOLVED

SCHOOL OF ENVIRONMENT AND  
NATURAL RESOURCES  
OFFICE OF INTERNATIONAL PROGRAMS  
IN AGRICULTURE  
DEPARTMENT OF HORTICULTURE AND  
CROP SCIENCE  
DEPARTMENT OF FOOD, AGRICULTURE,  
AND BIOLOGICAL ENGINEERING  
COLLEGE OF PUBLIC HEALTH  
FOOD SCIENCE AND TECHNOLOGY  
DEPARTMENT OF ANIMAL SCIENCES  
AGRICULTURAL AND EXTENSION  
EDUCATION  
OSU EXTENSION  
COLLEGE OF FOOD, AGRICULTURAL  
AND ENVIRONMENTAL SCIENCES

### COMMUNITY PARTNERS INVOLVED

THE UNIVERSITY OF GASTON BERGER  
GREEN SENEGAL

### FUNDING

USAID/HED, \$1.6 MILLION

in northern Senegal. Eleven farmers are participating in an on-farm research program. Farmers are requesting that vegetable transplanters, which OSU introduced to Senegal, be imported to Senegal.



## CONTACT

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**CO-PI: EMMY REGINIER**  
DEPARTMENT OF HORTICULTURE AND  
CROP SCIENCE

**CO-PI: KEN MARTIN**  
OSU EXTENSION

**CO-PI: STEVE NEAL**  
OSU AGRICULTURAL TECHNICAL INSTITUTE

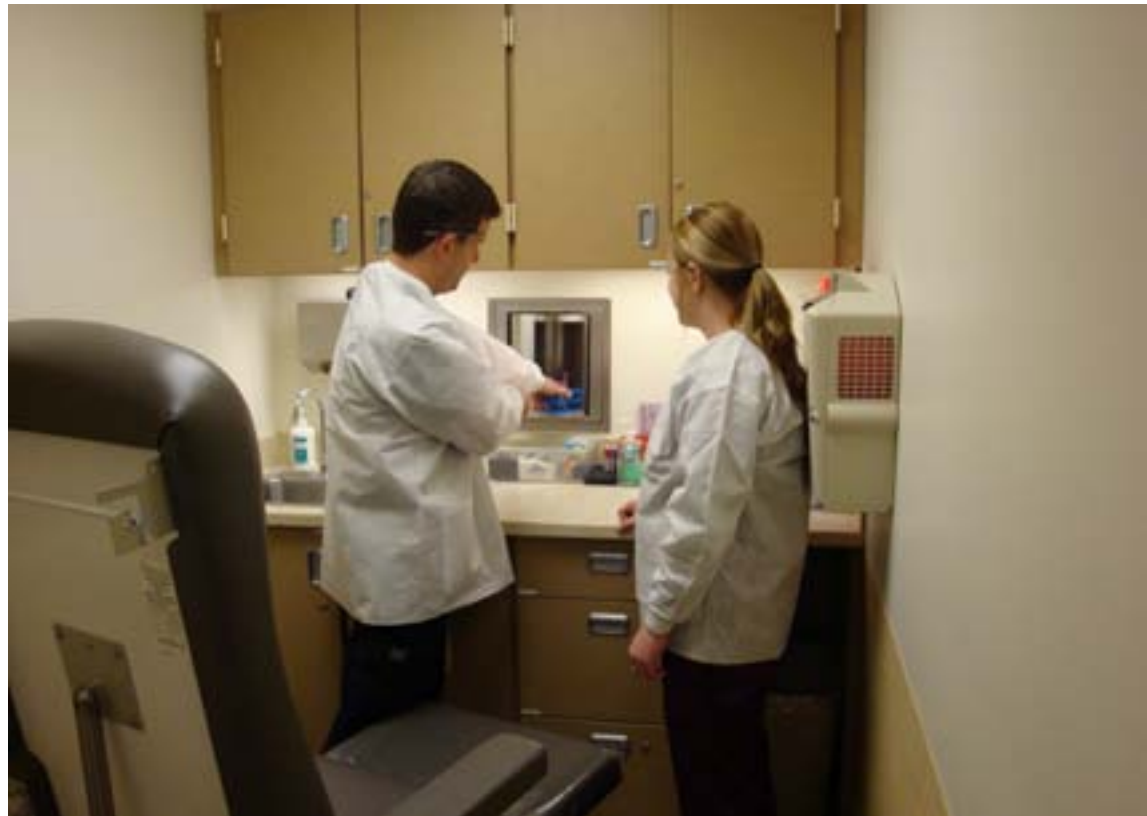
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# PARTNERSHIP WITH OHIO SCHOOL OF PHLEBOTOMY



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## Purpose

Student Health Services partners with the Ohio School of Phlebotomy to provide clinical training for the school's post-classroom students. Students rotate through the laboratory at the Wilce Student Health Center where they obtain supervised experience performing phlebotomy.

The Ohio School of Phlebotomy was founded in 2009 with the mission of raising the standard of care in our community by providing well-trained and highly skilled ancillary medical professionals such as phlebotomists.

## Impact

Students can participate in two laboratory opportunities for clinical experience:

- 1) sample collection in the routine laboratory at the health center or
- 2) sample collection during large programs such as tuberculosis screenings where hundreds of blood samples are collected during half-day programs.

## OHIO STATE COLLEGES/UNITS INVOLVED

OFFICE OF STUDENT LIFE  
STUDENT HEALTH SERVICES

## COMMUNITY PARTNERS INVOLVED

OHIO SCHOOL OF PHLEBOTOMY





# PAY IT FORWARD MARION

## Purpose

This project's purpose is to promote civic engagement in at least six English courses ranging from beginner to advanced and to improve the local community through skill-based service and philanthropy.

## Impact

Beginning writers apply their burgeoning research, writing, and rhetorical skills by examining community needs and developing fundraisers to increase available funds. Their findings and funds are passed along to intermediate writing students, who research and volunteer at local non-profit organizations, respond to the identified community needs, promote the PIFM project, and collect RFPs.

Students in advanced classes receive these materials, analyze proposals, engage in more in-depth research at the non-profits seeking funds, and create multimodal arguments about how to distribute the funds.

Over the two-year grant period, students will allocate over **\$10,000** in grants to the community.



## OHIO STATE COLLEGES/UNITS INVOLVED

OHIO STATE MARION  
DEPARTMENT OF ENGLISH  
COLLEGE OF ARTS AND SCIENCES

## COMMUNITY PARTNERS INVOLVED

UNITED WAY OF MARION



## CONTACT

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# PILLS, POTIONS, AND POISONS

## Purpose

Fewer university students are successfully completing science degrees, ultimately affecting the work force talent available for research and technology institutions. Further, there is considerable evidence that students who develop science career aspirations early are more likely than their peers to succeed in earning a science degree.

The research of Dr. Nicole Kwiek has shown that pharmacology (i.e., the study of how drugs work) is an engaging and effective platform through which to teach high school chemistry and biology. Thus, the College of Pharmacy, the Center of Science and Industry, Ohio University, and more than 55 Ohio high schools have partnered in the "Pills, Potions, and Poisons" summer program.

## Impact

This week-long enrichment program uses drug topics as a context for high school students to collaboratively engage in hands-on science, increase competence in biology and chemistry, and build interest in biomedical science careers.

### OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF PHARMACY

### COMMUNITY PARTNERS INVOLVED

COSI

OHIO UNIVERSITY

OHIO HIGH SCHOOLS



## CONTACT

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# POWER UP AND DISCOVER: RE-ENERGIZING THE SCHOOL LUNCH EXPERIENCE

## Purpose

Our mission was to build a brand for the Columbus City Schools (CCS) Food Services, and to help them create awareness, brand knowledge, and a positive brand attitude among CCS students. Our recommendations to accomplish this feat included tactics that engaged students in the cafeteria space through art, nutritional signage, and taste testings. We also introduced a partnership with COSI, who agreed to be a promotional partner and a knowledge provider for our tactics.

## Impact

Consumer Insights:

- Hunger Hinders Performance - When the Staff participates more, Students participate more
- Spending time with friends is important at lunchtime
- A cafeteria deserves respect

Key Recommendation: Provide students with nutritional information in the form of aesthetically- pleasing and easy-to-read menus, magnets, semi-annual newsletters, and 'Brainiac Snack' posters (with info provided by COSI).

Key Recommendation: Maintain a consistent brand image in the physical cafeteria space through a student art contest, employee name tags, visual resources, and by renaming the cafeteria, 'Discover Café.'

## OHIO STATE COLLEGES/UNITS INVOLVED

FISHER COLLEGE OF BUSINESS  
DEPARTMENT OF MARKETING AND LOGISTICS  
BUSML 4204: MARKETING PROJECTS

## COMMUNITY PARTNERS INVOLVED

COLUMBUS CITY SCHOOLS  
FOOD SERVICES  
COSI



## CONTACT

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STUDENT TEAM:  
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BRANDON PETIYA  
BROOKE KOESTER  
SVETLANA GUBINA  
TAYLOR REVES  
KELLY HILL

WWW.COLUMBUS.K12.OH.US





# PUBLIC HEALTH FARMERS' MARKET

## Purpose

The College of Public Health partners annually with Columbus Public Health to offer a farmers' market in downtown Columbus. The market is held one day a week for three weeks at Columbus Public Health. Ohio farmers offer fresh fruits and vegetables, providing nutritious food options to residents of areas known for having limited access to grocery stores.

## Impact

Volunteer assistance made it possible to serve 5,691 people in 2012, issue 3,831 WIC vouchers, and provide \$3,317 in fresh produce to 229 Ohio Direction Card customers.

33 Ohio State faculty, staff, and student volunteers donated over 140 hours of time to the 2012 farmer's market.

17 local farms participated in the 2012 farmers market.

OHIO STATE COLLEGES/UNITS INVOLVED  
COLLEGE OF PUBLIC HEALTH

COMMUNITY PARTNERS INVOLVED  
COLUMBUS PUBLIC HEALTH

FARMER'S MARKET DEVELOPMENT  
FUND #313292



## CONTACT

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INTERIM ASSOCIATE DEAN FOR RESEARCH  
CHAIR AND PROFESSOR  
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HEALTH PROMOTION  
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# REAL MONEY. REAL WORLD.

## **Purpose**

Over the past eight years, Real Money. Real World. (RMRW) has connected thousands of teenagers to a practical learning experience from The Ohio State University. And, although youth are the target consumers, entire communities are strengthened by bringing people together to work on a common educational goal.

First developed by OSU Extension in 2005, RMRW is a hands-on experience that gives young people the opportunity to make financial choices similar to those they will make as adults.

Youth explore lifestyle choices, budgeting, and develop vital money management skills. RMRW includes a spending simulation that partners OSU Extension, schools, organizations, and local businesses.

## **Impact**

Since its inception, RMRW has been provided in 221 schools in 54 Ohio counties. In 2012, nearly 14,000 youth ages 12 to 19 participated.



## OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES

## COMMUNITY PARTNERS INVOLVED

THERE ARE CURRENTLY **49** COUNTY  
BASED OSU EXTENSION OFFICES  
INVOLVED.



## CONTACT

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# ROBOTICS AND PROGRAMMING WORKSHOPS TO STIMULATE CHILDREN'S INTEREST IN STEM



## CONTACT

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## Purpose

FIRST is an organization that promotes robotics competitions to stimulate children's interest in math and science. Many teams competing in this program are based in elementary and middle schools and available teachers/mentors often have very limited programming experience, which can result in frustration for both students and mentors. As one of the coaches of a successful robotics team, Dr. Radin helped design an 8-hour interactive programming workshop for elementary and middle school students and mentors.

## Impact

Dr. Radin has partnered with community organizations to provide facilities, advertising, registration, and funding so that workshops can be provided without cost to teams.

Dr. Radin's team has taught these workshops for 4 years, reaching over 1500 elementary and middle school children and their adult mentors. Participants come from Ohio as well as neighboring states of Michigan, Pennsylvania, Indiana and Kentucky.

**OHIO STATE COLLEGES/UNITS INVOLVED**  
COLLEGE OF VETERINARY MEDICINE  
DEPARTMENT OF VETERINARY  
BIOSCIENCES

**COMMUNITY PARTNERS INVOLVED**  
STARBASE - WRIGHT PATTERSON AIR  
FORCE BASE OUTREACH  
ISPACE CINCINNATI  
ROCKWELL AUTOMATION





# RUSSIAN LANGUAGE AT COLUMBUS INTERNATIONAL HIGH SCHOOL



## CONTACT

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## Purpose

The Center for Slavic and East European Studies co-sponsors two Russian language courses at Columbus International High School. This is part of its mission as a federal Department of Education National Resource Center (Title VI) to expand the knowledge of Eastern Europe and Eurasia in Ohio and the Midwest, and in particular for traditionally underrepresented groups. The high school focuses on teaching students languages and an international curriculum, giving them global competencies.

## Impact

22 students enrolled in the courses in the 2012-2013 academic year.

81% of the students at the high school receive free/reduced lunch and 85% are from a minority background.

Russian is the 3rd language that these students are learning.

## OHIO STATE COLLEGES/UNITS INVOLVED

CENTER FOR SLAVIC AND EAST  
EUROPEAN STUDIES  
DEPARTMENT OF SLAVIC AND EAST  
EUROPEAN LANGUAGES AND CULTURES

## COMMUNITY PARTNERS INVOLVED

COLUMBUS INTERNATIONAL HIGH  
SCHOOL





# SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES CHINA RESEARCH ABROAD PROGRAM



## CONTACT

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## Purpose

The School of Environment and Natural Resources has initiated an undergraduate research abroad program in cooperation with Guangxi Ecological Engineering Vocational and Technical College and conducts research on the institute's forest located in northeast Guangxi Province.

## Impact

Undergraduate students, along with Dr. Roger Williams, develop and conduct research projects in Eucalyptus, Chinese fir, and Masson pine forests. Students participate in the project development, data collection and analysis, and subsequent write up of the results.

During the spring semester students sign-up for an independent study course in which they learn about the country, region, and forests they are going to work in, and develop research plans to conduct the research. During the May semester session, students travel to Liuzhou, China, where they spend three weeks in the forests and collect research data according to the plans they developed during the spring semester.

## OHIO STATE COLLEGES/UNITS INVOLVED

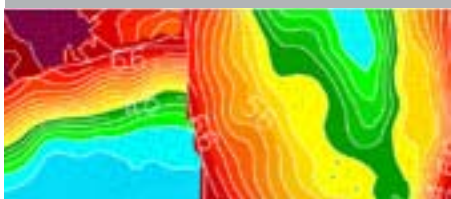
SCHOOL OF ENVIRONMENT AND  
NATURAL RESOURCES  
COLLEGE OF FOOD, AGRICULTURAL  
AND ENVIRONMENTAL SCIENCES

## COMMUNITY PARTNERS INVOLVED

GUANGXI ECOLOGICAL ENGINEERING  
VOCATIONAL AND TECHNICAL  
COLLEGE







# SCIENTISTS TEACH REGION ABOUT CLIMATE

## Purpose

The Ohio State University Climate Change Outreach Team is a multi-departmental initiative within the university to help localize the climate change issue for Ohioans and Great Lakes residents.

Created in 2008, the team works with university faculty to create outreach tools to get climate research information out to the public. Through such tools as a webinar series, informal educational displays, and secondary education curricula, the team collaborates with experts from around the country to teach the public about issues and impacts the region could face with a changing climate.

## Impact

The Climate team has educated more than 7,500 people representing 500+ organizations from governmental agencies, academia, non-profits, private industry, and the legislature through its flagship *Global Change, Local Impact* monthly webinar series. The team is considered the go-to organization for Great Lakes climate information.

Agencies such as the National Park Service and U.S. Environmental Protection Agency, as well as secondary schools and informal education facilities use the team's programming as teaching tools for their climate-related programs.

The team will launch an online regional repository funded by NOAA later this year.



## OHIO STATE COLLEGES/UNITS INVOLVED

OHIO SEA GRANT & STONE LABORATORY  
OSU EXTENSION  
DEPARTMENT OF AGRICULTURAL,  
ENVIRONMENTAL, AND DEVELOPMENT  
ECONOMICS  
SCHOOL OF ENVIRONMENT AND NATURAL  
RESOURCES  
OSU EXTENSION WATERSHED PROGRAM  
BYRD POLAR RESEARCH CENTER  
SCHOOL OF EARTH SCIENCES  
CARBON, WATER, AND CLIMATE  
PROGRAM  
DEPARTMENT OF GEOGRAPHY  
DEPARTMENT OF EVOLUTION, ECOLOGY,  
AND ORGANISMAL BIOLOGY

## COMMUNITY PARTNERS INVOLVED

CENTERS FOR DISEASE CONTROL AND  
PREVENTION  
CUYAHOGA COUNTY (OHIO) BOARD OF  
HEALTH  
OHIO DEPARTMENT OF HEALTH  
GREAT LAKES COMMISSION  
GREAT LAKES LANDSCAPE CONSERVATION  
COOPERATIVE  
GREAT LAKES REGIONAL WATER  
PROGRAM  
GREAT LAKES SEA GRANT NETWORK  
NATIONAL OCEANIC AND ATMOSPHERIC  
ADMINISTRATION (NOAA)  
NOAA NATIONAL SEA GRANT PROGRAM  
NOAA COASTAL SERVICES CENTER  
NOAA GREAT LAKES ENVIRONMENTAL  
RESEARCH LABORATORY  
OHIO COASTAL TRAINING PROGRAM  
THE NATURE CONSERVANCY  
UNIVERSITY OF WISCONSIN  
UNIVERSITY OF MICHIGAN  
WISCONSIN INITIATIVE ON CLIMATE  
CHANGE IMPACTS  
CLEVELAND METROPARKS

## CONTACT

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# SHAKESPEARE AND AUTISM

## Purpose

The Shakespeare and Autism Project, a longitudinal study, asks the following research questions: Will drama, using Shakespeare, break through the communicative blocks of autism? Can the intervention have long-term benefits?

## Impact

This project includes a full, randomized control study of students with autism spectrum disorder (ASD). Anecdotal evidence indicates that drama-based intervention is a useful tool to improve the core symptoms of ASD in children and adolescents.

Kelly Hunter, former Royal Shakespeare Company actress, and Robin Post, Ohio State's project director, have trained a team of Ohio State graduate and undergraduate theatre students; they are implementing Hunter's signature approach, the Hunter Heartbeat Method, which pairs the recitation of Shakespeare's rhythmic language with physical gesture in a way that is accessible to those with ASD. A service-learning course has been developed at Ohio State to ensure that this work continues into the future.

### OHIO STATE COLLEGES/UNITS INVOLVED

DEPARTMENT OF THEATRE  
NISONGER CENTER  
COLLEGE OF ARTS AND SCIENCES  
WEXNER MEDICAL CENTER

### COMMUNITY PARTNERS INVOLVED

KILBOURNE MIDDLE SCHOOL  
NATIONWIDE CHILDREN'S AUTISM  
TREATMENT NETWORK  
COLUMBUS CITY SCHOOLS  
ROYAL SHAKESPEARE COMPANY  
FAMILIES, CHILDREN, AND  
CARE-GIVERS WITHIN THE COLUMBUS  
COMMUNITY



## CONTACT

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AUTISM PROJECT  
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# SIMPLE SUPPERS:

## A NOVEL APPROACH TO CHILDHOOD OBESITY PREVENTION

### Purpose

Our long-term research goal is to develop effective community-based, family nutrition interventions to improve the food choices and eating behaviors of young children, and ultimately to reduce the incidence of childhood obesity. Our objective in this engagement partnership is to test feasibility and efficacy of a novel blended nutrition education and cooking program (Simple Suppers) aimed at teaching parents and their preschool children positive eating behaviors.

### Impact

Our central hypothesis is that children of participating families will: develop and maintain food choices that include nutrient-rich foods, while limiting energy-dense foods and beverages; and achieve a healthy weight gain trajectory. We further hypothesize that participating households will: demonstrate more nutrient-rich foods, and less energy-dense foods and beverages available in the home and served at family meals.

### OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF EDUCATION AND HUMAN ECOLOGY  
DEPARTMENT OF HUMAN SCIENCES  
COLLEGE OF MEDICINE  
COLLEGE OF NURSING  
DEPARTMENT OF STATISTICS  
OSU EXTENSION

### COMMUNITY PARTNERS INVOLVED

SCHOENBAUM FAMILY CENTER  
NATIONWIDE CHILDREN'S HOSPITAL



### CONTACT

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Co-Is  
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PAT GABBE, PEDIATRICS  
THELMA PATRICK, NURSING





# SPARKPE: AFTER SCHOOL EXERCISE TO INCREASE ACADEMIC PERFORMANCE



## Purpose

ASC 3191: SparkPE is an internship course designed for students to lead weekly exercise classes for schoolchildren enrolled in the After School Adventures Program at Newark City Schools. Research shows that exercise mitigates the symptoms of ADHD and improves academic performance, sometimes dramatically, in all populations. Students in the course are trained in the SPARK After School Curriculum to implement a successful exercise program. This curriculum incorporates exercise classes and games, along with teaching the importance of healthy lifestyles.

## Impact

Newark Campus Students use Spark curriculum to get youth engaged in exercise by leading weekly after school classes.

"SparkPE has been one of the most rewarding things that I have done in my time at Ohio State Newark. Getting to know the kids and watching them succeed and grow has been amazing. Hearing them talk about how exciting exercise is has been so satisfying. We had so much fun and I can't wait to begin working with them again next year."

-Heidi Smith  
Ohio State '15

## CONTACT

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## OHIO STATE COLLEGES/UNITS INVOLVED

OHIO STATE NEWARK ACCESS AND  
ENGAGEMENT

## COMMUNITY PARTNERS INVOLVED

NEWARK CITY SCHOOLS







# SPORTS MEDICINE COMMUNITY OUTREACH

## Purpose

The OSU Sports Medicine Outreach Program brings sports medicine to the community. The outreach program is a multidisciplinary team of physicians, athletic trainers (ATs), physical therapists, sports psychologists, nutritionists, sports performance coaches, and other health professionals.

## Impact

A signature of the outreach program is services to Columbus City Schools (CCS). On-site medical care and student mentoring/teaching on the diagnosis and treatment of sport-related problems for CCS student-athletes is provided.

OSU resident physicians and sports med fellows are integrated into the CCS program to enrich their education and help fulfill our commitment of giving back to the Columbus community.

Beyond the CCS program, local outreach includes; Ballet Met through Performing Arts Medicine Program, Columbus State Community College, and Capital University.



## OHIO STATE COLLEGES/UNITS INVOLVED

OSU SPORTS MEDICINE  
COLLEGE OF MEDICINE  
FAMILY MEDICINE  
ORTHOPAEDICS  
SCHOOL OF HEALTH AND  
REHABILITATION SCIENCES

## COMMUNITY PARTNERS INVOLVED

COLUMBUS CITY SCHOOLS  
SPECIAL OLYMPICS  
COLUMBUS STATE COMMUNITY  
COLLEGE  
CAPITAL UNIVERSITY  
BALLET MET/OSU DANCE  
OHIO PREMIER EAGLES SOCCER  
COMMUNITY EDUCATION



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# STEMPOWERMENT

## Purpose

STEMpowerment is a student-empowered learning community. The faculty provides guidance and instruction in the areas of our expertise and within the frame of empowerment of, by, and for youth. Faculty and community leaders work with STEMpowerment students in areas of leadership development, academic insights, understanding, knowledge creation, and advising for academic, research, and community organizing.

## Impact

Program developers based their pilot program on the findings of Bob Moses, a noted civil rights activist, and founder of the Algebra Project. His book *Radical Equations* describes the power of youth movements, and necessity of access to STEM knowledge.

Much of this years' work is on developing the identity of the Ohio State learning community and the youth connection to the Mansfield community through youth/student voices while maintaining a focus on empowerment access, change, and leadership.

STEMpowerment students shared an overview of innovative STEMpowerment outreach and revealed early survey results of its effectiveness at the Ninth Annual Conference on Sustainability in Hiroshima, Japan.



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### OHIO STATE COLLEGES/UNITS INVOLVED:

OFFICE OF FIRST YEAR EXPERIENCE

OFFICE OF STUDENT LIFE

FACULTY FROM:

COLLEGE OF EDUCATION AND HUMAN ECOLOGY

COLLEGE OF ARTS AND SCIENCES

### COMMUNITY PARTNERS INVOLVED:

MANSFIELD CITY SCHOOLS







# STONE LAB HOOKS STUDENTS ON SCIENCE

## Purpose

Stone Laboratory, Ohio State University's Island Campus on Lake Erie, is a living laboratory where students from grades 4 through adults learn about Lake Erie, Ohio's most valuable natural resource. With hands-on activities, Stone Lab immerses its students in science. From capturing fish on Stone Lab research vessels to examining lake sediments under microscopes, students experience firsthand what it takes to be a scientist and steward of Lake Erie. The program, which is Ohio Sea Grant's education arm, teaches 20,000 people every year.

## Impact

In the last 30+ years, Stone Lab's outreach program and its ODNR-partnered Aquatic Visitors Center have educated over 175,000 island visitors about Lake Erie and environmental issues.

Stone Lab annually offers more than \$65,000 of scholarships through its endowments and 20 courses and research opportunities to advanced high school students, teachers, and college students from around the country.

More than 6,000 students from Ohio and the surrounding states of Michigan, Pennsylvania, New York, and Illinois come to Stone Lab's field trip program every year.

## OHIO STATE COLLEGES/UNITS INVOLVED

OHIO SEA GRANT COLLEGE PROGRAM  
OFFICE OF RESEARCH  
COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES  
COLLEGE OF ARTS AND SCIENCES  
COLLEGE OF EDUCATION AND HUMAN ECOLOGY  
COLLEGE OF PUBLIC HEALTH  
DEPARTMENT OF EVOLUTION, ECOLOGY, AND ORGANISMAL BIOLOGY  
SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES  
SCHOOL OF EARTH SCIENCES  
CONTINUING EDUCATION  
GRADUATE SCHOOL  
STUDENT LIFE

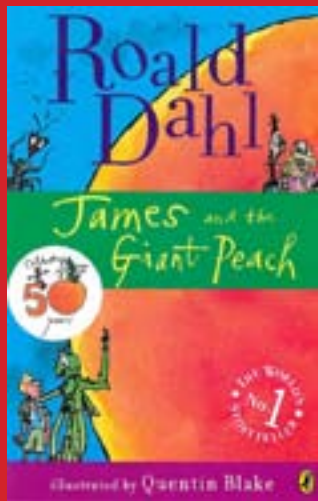
## COMMUNITY PARTNERS INVOLVED

100 SCHOOLS FROM 5 STATES  
OHIO DEPARTMENT OF NATURAL RESOURCES  
BOWLING GREEN STATE UNIVERSITY  
OHIO UNIVERSITY  
MIAMI UNIVERSITY  
KENT STATE UNIVERSITY  
CASE WESTERN RESERVE UNIVERSITY  
HEIDELBERG UNIVERSITY  
JOHN CARROLL UNIVERSITY  
CLEVELAND STATE UNIVERSITY  
UNIVERSITY OF TOLEDO  
WRIGHT STATE UNIVERSITY  
MOUNT UNION COLLEGE  
LAKE ERIE ISLANDS NATURE AND WILDLIFE CENTER  
LAKE ERIE ISLANDS CHAPTER OF BLACK SWAMP CONSERVANCY  
LAKE ERIE ISLANDS HISTORICAL SOCIETY  
NATIONAL PARK SERVICE-PERRY'S INTERNATIONAL PEACE MEMORIAL ISLAND TRANSPORTATION  
MILLER BOAT LINE  
THE JET EXPRESS  
THE BOARDWALK  
FRIENDS OF STONE LABORATORY

## CONTACT

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# STORIES FOR STUDENTS FROM STUDENTS



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## Purpose

Stories for Students from Students champions the belief that every student deserves a future filled with learning, success, and knowledge. Getting books into the hands of a student is the first step in establishing a lifelong love of learning that will one day lead to a college degree and a successful life.

The Stories for Students from Students Program seeks to get books into the hands of Columbus Elementary and Middle School students.

## Impact

The program, from Ohio State's Office of the Vice President for Student Life, is now in its fourth year.

This year, 2,879 school children in the City of Columbus were able to take home a book of their very own.

This year we partnered with OSU Reads and reached out to over 20 Ohio State student organizations to recruit over 70 student volunteers to help with the program.

## OHIO STATE COLLEGES/UNITS INVOLVED

THE OFFICE OF THE VICE PRESIDENT FOR STUDENT LIFE  
UNIVERSITY HOUSING  
UNIVERSITY RESIDENCES AND DINING SERVICES  
COLLEGE OF EDUCATION & HUMAN ECOLOGY  
DEPARTMENT OF TEACHING AND LEARNING  
DEPARTMENT OF RECREATIONAL SPORTS  
OSU READS  
AFRICAN AMERICAN HERITAGE FESTIVAL  
PAY IT FORWARD  
SORORITY AND FRATERNITY LIFE  
SPORTS AND WELLNESS SCHOLARS  
ORDER OF OMEGA  
ADOPT-A-SCHOOL  
HONORS & SCHOLARS  
ALPHA PHI OMEGA SERVICE FRATERNITY  
THE MULTICULTURAL CENTER  
COUNCIL OF GRADUATE STUDENTS

## COMMUNITY PARTNERS INVOLVED

GRAHAM PRIMARY SCHOOL  
WEINLAND PARK ELEMENTARY SCHOOL  
HAMILTON STEM K-6 ACADEMY  
SEIBERT ELEMENTARY SCHOOL  
WINDSOR STEM K-6 ACADEMY  
LINDEN STEM K-6 ACADEMY  
COMO ELEMENTARY SCHOOL  
SOUTH MIFFLIN STEM K-6 ACADEMY  
I KNOW I CAN





# STUDENT NATIONAL PHARMACEUTICAL ASSOCIATION

## Purpose

The Student National Pharmaceutical Association (SNPhA) is devoted to projects and initiatives that aim to enhance community health and awareness concerning many different disease states.

Our ultimate goal is to serve the underserved. As students at the College of Pharmacy, we are being trained as future professionals in the health care world. SNPhA is an outlet for us to apply our knowledge and skills as we learn and foster an attitude of service.

## Impact

This past year we served over 1,200 patients and held 30 events. We have events for Generation Rx, Central Ohio Diabetes Association, and this year, we are partnering with Heart of Ohio Family Health Centers to develop a smoking cessation program.

Through our partnership with the National Kidney Foundation of Ohio, we have offered kidney health screenings and created an OSU team for the Columbus Kidney Walk held yearly.

## OHIO STATE COLLEGES/UNITS INVOLVED COLLEGE OF PHARMACY

## COMMUNITY PARTNERS INVOLVED NATIONAL KIDNEY FOUNDATION HEART OF OHIO FAMILY HEALTH CENTERS CENTRAL OHIO DIABETES ASSOCIATION (CODA) CAPITAL PARK FAMILY HEALTH CENTER

Our screenings have greatly increased awareness and empowered people to take charge of their health. We have helped identify patients who are at risk of developing chronic kidney disease that may not have otherwise known.



## CONTACT

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# OHIO STATE STUDENT VOLUNTEER OPTOMETRIC SERVICE TO HUMANITY



## Purpose

OSU's SVOSH Chapter exists to provide eye and vision care to individuals around the world with limited to no access to such care. Each year, SVOSH takes optometry students and optometrists to a developing nation to provide free eye exams to people in those countries. We provide free eyeglasses, sunglasses, and medications to those who are in need.

## Impact

Each year, OSU's SVOSH sorts through over 500,000 pairs of donated glasses and selects only the highest quality glasses to give to the individuals we examine.

In 2012, 17 students and 4 doctors travelled to Bolivia, the poorest country in South America and gave free eye exams to over 700 individuals. This was the first time our organization travelled to that country.

Our team took over 2,500 pairs of glasses, 2,500 pairs of sunglasses and 500 hats to give to the individuals that we examined.

## OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF OPTOMETRY

## COMMUNITY PARTNERS INVOLVED

LION'S CLUB

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# SUSTAINABLE FUTURES FOR LINDEN VILLAGE: A MODEL FOR INCREASING SOCIAL CAPITAL AND THE QUALITY OF LIFE IN AN URBAN NEIGHBORHOOD



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## Purpose

The "Sustainable Futures for Linden Village" project is a partnership between OSU faculty in the Colleges of Engineering, Food, Agricultural and Environmental Sciences and the Greater Linden Development Corporation (GLDC). It closely relates to a comprehensive local redevelopment initiative, designed to revitalize and improve a target urban area surrounding the Linden McKinley STEM Academy. This initiative integrates urban revitalization, home rehabilitation, energy retrofit, repair and maintenance with sustainable development goals.

## Impact

The OSU project team, community partners and involved students have worked to enhance local revitalization efforts by providing technical assistance to the community and increasing the awareness, knowledge, and skills of local community residents, teachers/students, and organizations in sustainable community and housing development.

This project is innovative in that it integrates larger scale healthy community and green infrastructure planning, GIS mapping for urban opportunity, and micro-scale green home renovation and new construction.

## OHIO STATE COLLEGES/UNITS INVOLVED

LANDSCAPE ARCHITECTURE  
CITY AND REGIONAL PLANNING  
FOOD, AGRICULTURAL AND BIOLOGICAL  
ENGINEERING  
COLLEGE OF ENGINEERING  
COLLEGE OF FOOD, AGRICULTURAL AND  
ENVIRONMENTAL SCIENCES

## COMMUNITY PARTNERS INVOLVED

GREATER LINDEN DEVELOPMENT  
CORPORATION  
THE COLUMBUS FOUNDATION  
OHIO ENVIRONMENTAL PROTECTION  
AGENCY  
CITY OF COLUMBUS DEPARTMENT OF  
DEVELOPMENT PLANNING DIVISION  
HABITAT FOR HUMANITY  
SIMCO-CONSTRUCTION

# THE ARTS IN GHANA WITH SUSTAINABLE COMMUNITY DEVELOPMENT

## Purpose

In West Africa, approximately 70% of people live in rural areas, stuck in a "poverty trap" with low agricultural productivity. With no collateral and high interest rates, farmers seem doomed to plant in depleted soils without improved inputs like fertilizers and pesticides.

With the educational mandate "to prepare individuals to be technically competent, self-reliant, and productive citizens in a global society" in mind, two Ohio State ATI faculty members have led 10 tours to Ghana, with the most recent in April 2013.

## Impact

Traveling to Ho, participants enjoy a high-quality, applied educational experience. Mornings, they engage in community development outreach with veterinarians and educators to give herd treatments, plant fruit groves, teach in schools, and work with hospitalized children. Afternoons, they focus on the arts, drumming, dancing, and Ewe language lessons. Evenings, development experts lead lecture-discussions on social issues, or storytellers or musicians perform. On recent tours, students have implemented research projects on girls' education, microfinance, herd health, and dance.



## OHIO STATE COLLEGES/UNITS INVOLVED

OHIO STATE ATI  
STUDENTS FROM ADDITIONAL  
DISCIPLINES: AGRICULTURE, DANCE,  
BIOLOGY, PUBLIC HEALTH

## COMMUNITY PARTNERS INVOLVED

EVANGELICAL PRESBYTERIAN RELIEF AND  
DEVELOPMENT AGENCY, HO, GHANA  
NOBLE FOUNDATION, WOOSTER, OH  
PARAMOUNT TOGBE OF HO  
VILLAGE TOGBES: KPENOE, WEGBE,  
AKROFU, AKOEFE, HODZO, TAKLA  
CENTRAL AMERICAN MEDICAL  
OUTREACH, ORRVILLE, OH  
RISING STAR ACADEMY, HO, GHANA  
VOICEGHANA, THE VOICE FOR THE  
DISABLED, GHANA  
EVANGELICAL PRESBYTERIAN UNIVERSITY  
COLLEGE, HO, GHANA  
VOLTA REGIONAL HOSPITAL, HO, GHANA  
MAWUKO GIRLS' HIGH SCHOOL, HO,  
GHANA  
ROMICH FOUNDATION, WOOSTER, OHIO  
THE FIRST UNITED METHODIST MEN'S  
GROUP, WILLARD, OHIO  
WESTMINSTER PRESBYTERIAN CHURCH,  
WOOSTER, OHIO  
OHIO STATE ATI RCOSA FUND  
INDIVIDUAL DONORS

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# THE BRIDGE: ISSUE ANALYSIS PROCESS -- CONNECTING FFA STUDENTS WITH EMPLOYERS



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## Purpose

Empowering students to develop analytical skills that are critical for today's workforce and for fostering economic growth in their communities is the overarching theme of this Alber Enterprise Center project. FFA students will participate in producing the facilitator's kit for the newly crafted "The Bridge: Issue Analysis Process." After polishing their facilitation skills, the students will ultimately use The Bridge with Hardin County businesses to analyze workplace issues, determine solutions, and create action plans.

## Impact

"The Bridge: Issue Analysis Process" is a uniquely crafted process comprised of five analytical tools that leads to the creation of an implementation plan for a planned change.

FFA students from Ridgemont High School have BETA tested The Bridge, from which they developed several service-learning projects within their school and community.

The Bridge can be used by any group. Once the facilitator's kit is tested, it will be licensed and introduced to other FFA and 4-H groups, community organizations, and employers.

## OHIO STATE COLLEGES/UNITS INVOLVED

ALBER ENTERPRISE CENTER  
OSU EXTENSION COMMUNITY  
DEVELOPMENT EDUCATOR  
OSU EXTENSION HARDIN COUNTY  
EDUCATORS  
OHIO STATE MARION ACADEMIC  
ADVISING

## COMMUNITY PARTNERS INVOLVED

RIDGEMONT HIGH SCHOOL FFA  
ADVISOR (STEPHANIE JOLLIFF) AND  
STUDENTS  
HARDIN COUNTY CHAMBER AND  
BUSINESS ALLIANCE (JOHN HOHN)

# THE COLUMBUS-ATHENS ALBERT SCHWEITZER FELLOWSHIP (ASF) AT THE OHIO STATE UNIVERSITY

## Purpose

The Albert Schweitzer Fellowship (ASF) is improving the health of vulnerable people now and for the future by developing a corps of Leaders in Service—professionals skilled in creating positive change with and in our communities, our health and human service systems, and our world.

Launched in September 2010 and hosted by the OSU College of Medicine, the Columbus-Athens Schweitzer Fellows Program administers and supports 12-month community service Fellowships that are conducted in Columbus and Athens. Participants are students whose fields of study and/or personal interests are relevant to the goals and mission of the program.

Schweitzer Fellows design and carry out projects that provide at least 200 hours of service in partnership with an existing community agency and under the supervision of an academic and community-based mentor. Fellows also attend an orientation retreat and monthly meetings and participate in reflective leadership development programming.

## Impact

Since 2010, the Columbus-Athens Schweitzer Fellows Program has selected 44 Fellows to carry out direct service projects with underserved populations in Franklin and Athens Counties.

Thus far, they have contributed more than 5,000 hours of service to local community agencies, schools, and free clinics. They have worked with adults and children from low income families, the elderly, the disabled, Somali immigrants, and other vulnerable populations.

### OHIO STATE COLLEGES/UNITS INVOLVED

COLLEGE OF ARTS AND SCIENCES  
COLLEGE OF DENTISTRY  
COLLEGE OF MEDICINE (HOST)  
COLLEGE OF NURSING  
COLLEGE OF OPTOMETRY  
COLLEGE OF PHARMACY  
COLLEGE OF PUBLIC HEALTH  
FISHER COLLEGE OF BUSINESS  
COLLEGE OF SOCIAL WORK  
COLLEGE OF VETERINARY MEDICINE

### OTHER UNIVERSITY PARTNERS INVOLVED

OHIO UNIVERSITY HERITAGE COLLEGE  
OF OSTEOPATHIC MEDICINE  
TRINITY LUTHERAN SEMINARY

### CORPORATE PARTNERS INVOLVED

OHIOHEALTH  
NATIONWIDE CHILDREN'S HOSPITAL

## Governance

Columbus-Athens ASF is one of 12 Schweitzer Fellowship sites around the U.S. Each site has a local Advisory Board; educators and community leaders engaged in program support, advocacy, and fund raising. The site is a program of the Albert Schweitzer Fellowship, located in Boston. As holder of the 501 (c) (3) status, the National Board of Directors has fiduciary responsibility and ultimate authority for policy setting.



## CONTACT

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# THE GIRLS CIRCLE PROJECT

## Purpose

The Girls Circle Project is designed to train college women to facilitate Girls Circles in Columbus-area schools and agencies. A Girls Circle, made up of two college women co-facilitators and five to 10 young girls, is meant to both empower young girls and also to foster healthy relationships among them.

## Impact

Since 2008, the Girls Circle Project has trained over 100 OSU college women to run approximately 105 Girls Circles and thereby impact approximately 750 girls' lives in the Columbus area. In 2012 - 2013, The Girls Circle Project partnered with 18 different greater Columbus public, private, and charter schools, as well as agencies, to positively reach numerous girls between the fourth and 12th grades.

The young girls report positive experiences in understanding their own identities, other cultures and more healthy and open peer relations. The facilitators report increased confidence in public speaking and leadership skills; a greater understanding of diversity, social constructs, power, and privilege and how they affect our views and interactions in society, and the realization of how much of a difference they can make in a young girl's life.



## OHIO STATE COLLEGES/UNITS INVOLVED

UNIVERSITY HONORS & SCHOLARS  
 THE WOMEN'S PLACE  
 OFFICE OF STUDENT LIFE  
 OFFICE OF ECONOMIC ACCESS  
 WOMEN'S, SEXUALITY, AND GENDER STUDIES  
 EDUCATION & HUMAN ECOLOGY

## COMMUNITY PARTNERS INVOLVED

MIDNIMO CROSS CULTURAL SCHOOLS  
 MILLENNIUM COMMUNITY SCHOOL  
 KIPP JOURNEY ACADEMY  
 THE WELLINGTON SCHOOL  
 PARKMOOR ELEMENTARY  
 ARLINGTON PARK ELEMENTARY  
 NEW ALBANY MIDDLE SCHOOL  
 HILLIARD DARBY ELEMENTARY  
 ST. BRENDAN SCHOOL  
 WASHINGTON ELEMENTARY  
 HAMILTON LOCAL HIGH SCHOOL

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# THE GREEN BUILDING SERVICE-LEARNING PROGRAM

## Purpose

The Green Building Service-Learning Program was designed to provide hands-on learning experience to OSU students enrolled in the Green Building and Sustainable Construction course for solving real-world problems. It also aimed to serve the sustainable development needs of local communities by offering research/outreach services, technical assistance, and hands-on field activities.

## Impact

Led by the instructor, students enrolled in the course have conducted numerous service learning projects under this program to help local communities with their energy retrofitting, new green home development, and onsite renewable energy projects. Each of these projects was specifically designed and executed to meet the green project requirements, community needs, and learning objectives of this course.

Besides directly contributing to the communities' sustainable development process and enhancing their project outcomes, the instructor, students and internal/external partners have actively disseminated the knowledge gained through integrated education, research, outreach and service learning activities to a broader audience.

### OHIO STATE COLLEGES/UNITS INVOLVED

DEPARTMENT OF FOOD, AGRICULTURAL  
AND BIOLOGICAL ENGINEERING  
DEPARTMENT OF HORTICULTURE AND  
CROP SCIENCE  
OFFICE OF CONTINUING EDUCATION  
COLLEGE OF FOOD, AGRICULTURAL AND  
ENVIRONMENTAL SCIENCES  
OFFICE OF STUDENT LIFE  
OSU EXTENSION  
COMMTECH

### COMMUNITY PARTNERS INVOLVED

COLUMBUS GREEN BUILDING FORUM  
UNIVERSAL DESIGN LIVING  
LABORATORY  
MIDDLE WEST SPIRITS DISTILLERY  
THE SUMMIT UNITED METHODIST  
CHURCH  
ADVANCED CIVIL DESIGN, INC.  
BERARDI + PARTNERS  
POD DESIGN  
GRANGE INSURANCE AUDUBON  
CENTER

### FINANCIAL SUPPORT

OSU OFFICE OF CONTINUING  
EDUCATION  
OHIO EPA ENVIRONMENTAL  
EDUCATION FUND



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# THE OHIO PROJECT



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## Purpose

As part of OSU's mission of service learning, the College of Dentistry is working to address the number one unmet health need in Ohio - access to dental care. Through the OHIO Project, the College of Dentistry trains excellent, socially aware dental practitioners. Students receive clinical training in a variety of settings, including college-based comprehensive care and specialty clinics, as well as community-based dental clinics.

Nearly 1.2 million working-aged adults (18 - 64 years of age) in Ohio report that they have dental care needs that have not been met. Fifty-one percent of children in Ohio have experienced tooth decay by the third grade.

More than 3.9 million Ohio adults (45 percent) over 18 years of age have no dental insurance - almost three times more than the number of Ohio adults without medical insurance.

## Impact

During the senior year of dental education, students spend 50 days providing dental care in community clinics in Ohio under the direct supervision of a licensed dentist who is adjunct faculty and often an alumnus of Ohio State's College of Dentistry. Students are exposed to

## OHIO STATE COLLEGES/UNITS INVOLVED COLLEGE OF DENTISTRY

COMMUNITY PARTNERS INVOLVED  
COLUMBUS HEALTH DEPARTMENT  
MUSKINGUM-VALLEY HEALTH  
CENTERS DENTAL CENTER  
COLUMBUS NEIGHBORHOOD HEALTH  
CENTERS  
THIRD STREET FAMILY HEALTH  
SERVICES DENTAL CLINIC  
NATIONWIDE CHILDREN'S HOSPITAL  
CINCINNATI HEALTH DEPARTMENT  
DENTAL CENTER OF NORTHWEST OHIO  
ST. ELIZABETH HEALTH CENTER  
METROHEALTH MEDICAL CENTER  
DEPARTMENT OF VETERANS AFFAIRS  
MEDICAL CENTER CHILLICOTHE, OHIO  
LIMA COMMUNITY DENTAL  
WALNUT HILLS EVANSTON HEALTH  
CENTER  
MERCY MEDICAL CENTER - DENTAL  
CLINIC  
CHALMERS P. WYLIE VETERANS CLINIC

multiple dental technologies, observe various practice management models, practice four-handed dentistry, and increase their speed and confidence with an established clinic, all while serving a community in need of affordable care.

# THE OHIO STATE UNIVERSITY LAW AND LEADERSHIP INSTITUTE

## Purpose

The Ohio State University Law and Leadership Institute (LLI) joins with community partners to offer promising students from under-served high schools the skills, knowledge, and encouragement needed to overcome the odds and graduate from college and post-graduate study.

OSU's Law and Leadership Institute enters a student's academic life in eighth grade. Those selected attend a five-week, full-day academic program at OSU Moritz College, where the learning atmosphere differs dramatically from that of a regular school.

## Impact

A Columbus City School teacher teams up with law students (often with teaching backgrounds) to teach an age-appropriate version of the formal law school class – students come prepared and engage in Socratic dialogue designed to build their analytical and problem-solving abilities.

In addition, the class builds the students' conflict resolution skills as they engage in a structured dialogue process designed for young people by the Kettering Foundation.

## OHIO STATE COLLEGES/UNITS INVOLVED MORITZ COLLEGE OF LAW

## COMMUNITY PARTNERS INVOLVED

COLUMBUS CITY SCHOOLS  
CAPITAL UNIVERSITY LAW SCHOOL  
CASE WESTERN RESERVE UNIVERSITY  
SCHOOL OF LAW  
CHARLES F. KETTERING FOUNDATION  
CLEVELAND STATE UNIVERSITY'S  
CLEVELAND-MARSHALL COLLEGE OF LAW  
LAW SCHOOL ADMISSIONS COUNCIL  
OHIO CENTER FOR LAW-RELATED  
EDUCATION  
OHIO NORTHERN UNIVERSITY PETTIT  
COLLEGE OF LAW  
OHIO STATE BAR ASSOCIATION  
OHIO STATE BAR FOUNDATION  
THE SUPREME COURT OF OHIO  
UNIVERSITY OF AKRON SCHOOL OF LAW  
UNIVERSITY OF CINCINNATI  
COLLEGE OF LAW  
UNIVERSITY OF DAYTON SCHOOL OF LAW  
UNIVERSITY OF TOLEDO COLLEGE OF LAW

The program continues for all four years of high school: engaging students in Saturday classes in writing and life skills at the Moritz College of Law, mentoring, and appellate-argument-styled debate competitions during the academic year, more classes, internships in law offices, test preparation, college counseling and visits (including sessions for parents) during the summers.



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# THE OUTREACH AND ENGAGEMENT PROGRAM OF THE MIDDLE EAST STUDIES CENTER



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MESC.OSU.EDU



## Purpose

Middle East Studies Center (MESC) faculty, staff and volunteers are a regular presence at local and national schools. The Center supports in-depth study at the university while also engaging with local, regional and national communities to share knowledge and academic information. We seek to inspire students and young people at OSU and beyond to learn more, and perhaps gain language and cultural expertise focused on North Africa, West and Central Asia and the Eastern Mediterranean.

## Impact

Many OSU graduates with high levels of language proficiency and area knowledge are becoming professors - between 1999-2004, 21% of them went into higher education and 13 accepted tenure-track positions.

MESC trains leaders and teachers in the military, at local and national schools and community colleges through classroom visits, workshops and by using video conferencing technologies.

Our comprehensive teacher training program ensures a multiplying effect of knowledge dissemination as we continue to support, build community and facilitate follow-up activities with P-16 teacher participants in our programs.

## OHIO STATE COLLEGES/UNITS INVOLVED THE MIDDLE EAST STUDIES CENTER

## COMMUNITY PARTNERS INVOLVED

COLUMBUS STATE  
THE MIDWEST INSTITUTE FOR  
INTERNATIONAL STUDIES  
WILBERFORCE UNIVERSITY  
THE MIDDLE EAST OUTREACH  
COUNCIL  
COLUMBUS COUNCIL ON WORLD  
AFFAIRS

# THE STEAM FACTORY

## Who We Are:

Faculty, postdocs and staff from across  
The Ohio State University

## Our Purpose:

To promote interdisciplinary collaboration in the  
OSU community across Science, Technology,  
Engineering, the Arts and Math.

To disseminate research, technology and  
pedagogy through public interaction and creative  
new ways to reach a broader audience.

## Research and Collaboration:

- provide a platform for a diverse community of scholars and artists to interact
- foster interdisciplinary collaborative projects with cross-cutting research
- enable the pursuit of creative knowledge advancement
- help members across the university to identify useful resources

## Outreach and Engagement:

- assist OSU in removing barriers to knowledge
- interact with high school students to motivate the pursuit of higher education
- help revitalize the Franklinton community and build a strong technology and creative hub
- facilitate tighter bonds between OSU and Columbus, with the help of the OSU Office of Outreach and Engagement

## Current Activities:

### STEAM Exchange

- Themed events to showcase research, share experiences and transfer skills
- Bring multi-disciplinary perspectives to a single issue
- Inspire and trigger collaborative research projects
- Inform fellow faculty about current research endeavors

### Market at 400 W Rich

- Participation in weekend farmers markets and public events to:
  - showcase our research
  - educate the public through creative demonstrations of our research and technology
- Interactions with a broader non-academic community provide insights about the public value of our research
- We are constantly looking for volunteers to present. Visit our website to apply!

### Events Coming Up:

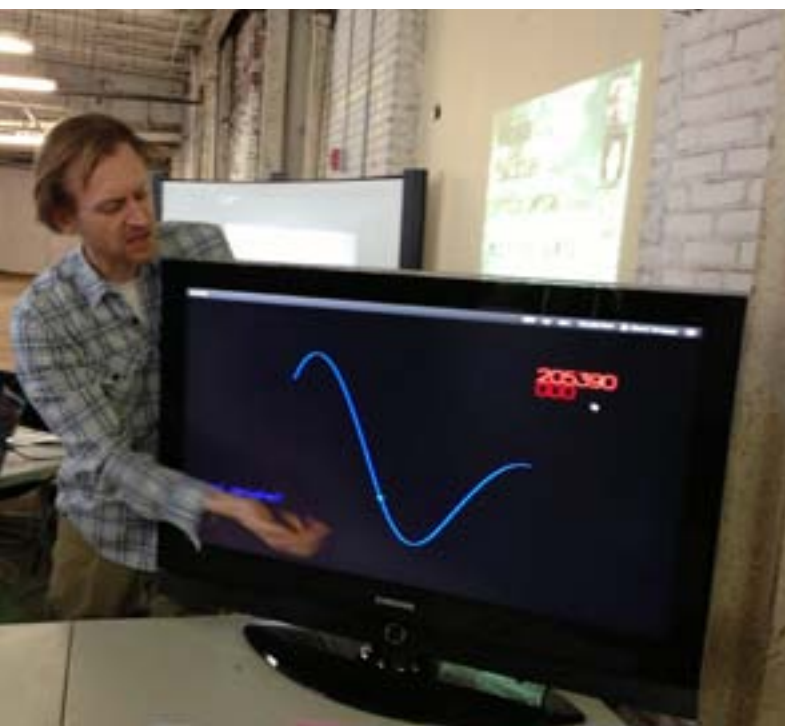
- Summer Roundup Event
- More STEAM Exchanges
- More Market presentations
- Symposium to showcase research of STEAM Factory members and invited colleagues



## CONTACT

<http://steamfactory.osu.edu>

@thesteamfactory







# UNITED STATES-INDONESIAN TEACHER EDUCATION CONSORTIUM

## USINTEC

The United States – Indonesian Teacher Education Consortium partners 3 American universities and 12 Indonesian partners. We improve Indonesian teacher education, preparation, and quality.

### International Dual Masters Degree

- Earn 2 masters degrees from an American and Indonesian university
- Live in America for 9 months

### Visiting Scholar Programs

- Live in America for 4 months

### Doctoral Sandwich

- Refine your dissertation
- Publish internationally

### Scheme for Academic Mobility Exchange

- Faculty-to-faculty mentorship
- Project completion & publication

### Fulbright & DIKTI coordination

- Customized student & faculty study supported by these funders

## USINTEC

Konsorsium Pendidikan Guru Amerika Serikat dan Indonesia merupakan bentuk jalinan kerjasama antara 3 universities Amerika, 12 partner di Indonesia. Bertujuan untuk peningkatan mutu persiapan pendidikan guru Indonesia.

### Magister Ganda Internasional

- Meraih dua gelar magister masing-masing dari Amerika dan Indonesia
- Kuliah di Amerika selama 9 bulan

### Program Mahasiswa Doktor dan Dosen Senior

- Tinggal di Amerika selama 4 bulan

### Program Sandwich-S3 Luar Negeri

- Peningkatan mutu disertasi
- Publikasi internasional

### Program SAME

- Kegiatan mentor antar dosen
- Penulisan publikasi dan penyelesaian proyek akademis lain

### Program Beasiswa Fulbright & DIKTI

- Rancangan bidang studi yang disesuaikan dengan minat mahasiswa dan dosen atas sponsor Fulbright & DIKTI



## CONTACT

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# URBAN 4-H IN YOUNGSTOWN, OHIO



## Purpose

In 2007, members of the Mahoning County Extension staff attended a meeting of the Idora Neighborhood Association (INA). With the help of adult volunteers from the INA, a community 4-H club was established, the Idora Wildcats.

## Impact

In 2011, the club formed the Senior Support Project, where they helped the elderly and others in their neighborhood who could not care for their lawns or gardens. They formed a partnership with a traditional 4-H club whose members were enrolled in woodworking projects. Through a type of cultural exchange, the clubs learned from one another as they worked together to build a shed to house garden tools and materials.

In the past five years, the members of the club have remained out of trouble and have continued to positively contribute to their community. This partnership will remain sustainable for many years, as the Idora neighborhood youth continue to make long-lasting impacts in their communities and in their own lives.

## CONTACT

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## OHIO STATE COLLEGES/UNITS INVOLVED

OSU EXTENSION  
COLLEGE OF FOOD, AGRICULTURAL AND  
ENVIRONMENTAL SCIENCES

## COMMUNITY PARTNERS INVOLVED

IDORA NEIGHBORHOOD ASSOCIATION  
YOUNGSTOWN NEIGHBORHOOD  
DEVELOPMENT CORPORATION





# URBAN LITERACY OUTREACH: CONNECTING UNDERGRADUATES TO K-12

## Purpose

The Center for the Study and Teaching of Writing launched its first service-learning outreach course spring semester 2013. Dr. Nancy Hill McClary and her team of graduate students connect university undergraduates to K-12 students through onsite literacy workshops. Our outreach to Columbus City Schools is grounded in flexible, unique approaches so we can bring flavor and flair to reading, writing, and speaking.



## Impact

Graduate consultants and undergraduate mentor-tutors engage more than 150 elementary, middle, and high school students weekly in literacy-based in-school and after school literacy labs to build writing confidence and motivation.

High school teacher comment: "One of the biggest factors that explain how my students feel about your program. Tuesdays (onsite day) are the days that have the highest attendance rate."

Our community partnership with the schools has been effective in generating creative writing output that is strongly connected to issues of identity, community, and current/historical people and events.



## OHIO STATE COLLEGES/UNITS INVOLVED

CENTER FOR THE STUDY AND  
TEACHING OF WRITING  
COLLEGE OF ARTS AND SCIENCES

## COMMUNITY PARTNERS INVOLVED

COLUMBUS CITY SCHOOLS

## CONTACT

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# WORKING TOWARDS ABUNDANT AND SUSTAINABLE VEGETABLE PRODUCTION IN THE DEVELOPING WORLD

## Purpose

Improving productivity of vegetable crops in the developing world leads to higher income for farm families and a more healthful and balanced diet for consumers. However, poorly controlled diseases and pests, unsanitary practices and misuse of pesticides threaten efforts to achieve this goal. Working with researchers, outreach specialists and farmers, safe and effective management practices are being developed that benefit farmers and consumers alike.

## Impact

Most farmers in the developing world have little or no access to plant health diagnostics, improved vegetable varieties, integrated management tools or up-to-date information.

Increased access to vegetable crop diagnostics and management tools improves vegetable disease and pest management outcomes.

Integrated pest management approaches reduce pesticide misuse, improve disease, pest and weed control, and increase incomes for farm families.

### OHIO STATE COLLEGES/UNITS INVOLVED

DEPARTMENT OF PLANT PATHOLOGY  
COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES  
COLLEGE OF VETERINARY MEDICINE  
OFFICE OF INTERNATIONAL PROGRAMS  
IN AGRICULTURE

### COMMUNITY PARTNERS INVOLVED

FEED THE FUTURE IPM INNOVATION  
LAB, VIRGINIA TECH (FORMERLY IPM  
CRSP)  
FEED THE FUTURE HORTICULTURE  
INNOVATION LAB, UC-DAVIS  
KENYA AGRICULTURAL RESEARCH  
INSTITUTE  
AGROEXPERTOS, GUATEMALA  
TAMIL NADU AGRICULTURAL  
UNIVERSITY, INDIA  
BANGLADESH AGRICULTURAL  
RESEARCH INSTITUTE  
IDE, NEPAL  
SOKOINE UNIVERSITY OF  
AGRICULTURE, TANZANIA  
MAKERERE UNIVERSITY, UGANDA  
IITA, TANZANIA  
UNIVERSITY OF GHANA LEGON  
ISRA, SENEGAL  
AHMADU BELLO UNIVERSITY, NIGERIA



## CONTACT

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# YOUNG SCHOLARS PROGRAM



## CONTACT

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## Purpose

The Young Scholars Program (YSP), a comprehensive pre-collegiate and collegiate program, enhances the academic, personal, and career development skills of students from low-income families to prepare them for college success. Founded in 1988, YSP identifies academically talented first-generation middle and high school students from Ohio's nine largest urban school districts: Akron, Canton, Cincinnati, Cleveland, Columbus, Dayton, Lorain, Toledo, and Youngstown.

## Impact

YSP has made it possible for nearly 800 students to become first-generation college graduates. With exemplary community engagement for over 25 years, YSP works with superintendents, principals, and counselors to significantly improve student performance and district graduation rates.

YSP works with parents to become more involved in their children's learning. Hundreds of parents and siblings have earned G.E.D.s and college degrees in the process, contributing to the growth and improvement of their communities.

## OHIO STATE COLLEGES/UNITS INVOLVED

OFFICE OF DIVERSITY AND INCLUSION  
COLLEGE OF EDUCATION AND HUMAN ECOLOGY  
COLLEGE OF ENGINEERING  
COLLEGE OF FOOD, AGRICULTURAL AND ENVIRONMENTAL SCIENCES  
COLLEGE OF MEDICINE  
FISHER COLLEGE OF BUSINESS  
DEPARTMENT OF MATHEMATICS  
DEPARTMENT OF SOCIOLOGY  
SCHOOL OF MUSIC

## COMMUNITY PARTNERS INVOLVED

SCHOOL DISTRICTS OF: AKRON, CANTON, CLEVELAND, CINCINNATI, DAYTON, LORAIN, TOLEDO, COLUMBUS, YOUNGSTOWN  
PRICE WATERHOUSE COOPERS  
LIMITED BRANDS  
AMERICAN HONDA FOUNDATION  
NATIONWIDE CHILDREN'S HOSPITAL  
UNITED WAY  
RONALD McDONALD HOUSE  
EARTHFEET  
HABITAT FOR HUMANITY  
CLEVELAND MINISTERIAL ALLIANCE



# YOUNG WRITERS WORKSHOP



## Purpose

This program is a one week long, intensive and immersive program in creative writing for high school students. It takes place during the summer of the 10th or 11th grade years. The program is free to anyone who is accepted and admissions to the program are based on writing samples. This means that grades, gender, and socioeconomic class play no part in the selection.

## Impact

Program Director Michelle Herman works with a staff of Ohio State University faculty, graduate MFA alumni, and current graduate students. There are also sessions with visiting writers, songwriters, playwrights, and journalists.

The students get to attend daily workshops to help improve their craft as well as more specialized workshops in other areas such as writing for TV, play writing, or song writing.

Previously the applications had been limited to just Columbus City School students, but for the upcoming year applications are being accepted from charter schools within the district as well.

## CONTACT

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## OHIO STATE COLLEGES/UNITS INVOLVED

DEPARTMENT OF ENGLISH  
CREATIVE WRITING  
MFA

## COMMUNITY PARTNERS INVOLVED

COLUMBUS CITY SCHOOLS  
COLUMBUS PUBLIC CHARTER SCHOOLS