

PROFESSIONAL DEVELOPMENT

Back to History

Back to History is a professional development program designed to increase teachers' knowledge, understanding, and appreciation of traditional American history. Participation is open to K-12 teachers in Ohio's Educational Regional Service System (ERSS) Region 10. Back to History is funded by the U.S. Department of Education's Teaching American History grant program and combines the resources of the Clark County Educational Service Center, the Ohio Historical Society, the Clark County Historical Society, and The Ohio State University. The program consists of content seminars led by history faculty, visits to historic sites and museums, and a summer institute.

Participating Schools: Open to teachers in all school districts in Educational Regional Service System Region 10. Champaign County: Graham Local, Triad Local. Clark County: Clark-Shawnee Local, Greenon Local, Northeastern Local (Clark), Northwestern Local (Clark), Springfield City, Tecumseh Local. Greene County: Yellow Springs Exempted Village. Miami County: Tipp City Exempted Village, Troy City. Montgomery County: Centerville City, Dayton City, Huber Heights City, Mad River Local, Vandalia-Butler City.

Ohio State Contact: Department of History, College of Arts and Sciences, 614-292-0159, backtohistory.osu.edu. External Partners: Clark County Educational Service Center, Clark County Historical Society, Ohio Historical Society

Career and Technical Education Teacher Preparation and Retention

This partnership, in collaboration with the Ohio Department of Education, provides coursework and professional development opportunities to career-technical teachers in more than 40 high schools, career centers, and correctional facilities in Ohio.

Participating Schools: Available to any high school or career center with career-technical programs. 2009-10 participants: Brown County: Southern Hills Career and Technical Center. Champaign County: Urbana City. Clark County: Springfield City. Delaware County: Delaware Area Career Center. Fairfield County: Lancaster City. Franklin County: Columbus City, Dublin City, Eastland-Fairfield Career-Technical Schools, Gahanna-Jefferson City, Hilliard City, South-Western City. Greene County: Greene County Career Center. Hamilton County: Great Oaks Career Technical Schools. Hardin County: Kenton City. Knox County: Knox County Career Center, Licking County: CTEC of Licking County, Madison County: Tolles Career & Technical Center. Marion County: Tri-Rivers Career Center. Monroe County: Switzerland of Ohio Local—Swiss Hills Career Center. Morgan County: Morgan Local. Richland County: Madison Local, Mansfield City. Warren County: Franklin City, Warren County Career Center. Richland Correctional, North Central Correctional Institution, The Ohio Central School System, Butler Tech

Ohio State Contact: School of Physical Activity and Educational Services, Workforce Development & Education Section, College of Education and Human Ecology, 614-247-6227, ehe.osu.edu/paes/wde/academics/certificates/tech-teacher.php. External Partners: Ohio Department of Education, Ohio Association for Career and Technical Education.

Center for African Studies K-12 Teacher Institutes

The Center for African Studies has led summer institutes for K-12 teachers to help them integrate African studies into their classrooms. Past institutes have featured Somali History and Culture, Africa and Technology, African Women in Comparative Perspective, African Art and Visual Culture, and African Livelihoods.

Participating Schools: Available to all districts/schools in Ohio. **Ohio State Contact:** Center for African Studies, Office of International Affairs, cas@osu.edu, cas.osu.edu/k_12.html.

Center for the Study and Teaching of Writing Teachers Writing Across the Content Areas Program

The purpose of this program is to provide P-12 teachers in the Columbus City Schools an opportunity to collaborate and reflect on creative writing assignments across all content areas. The program is designed for teachers to share curriculum ideas, scholarly theories, and personal experiences on site in their schools with colleagues in a setting with technological learning support.

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

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

Children's Learning Forum

This 1-day multidisciplinary continuing education event featured presentations of interest to teachers, speech/language professionals, audiologists, school nurses, school psychologists, occupational therapists and optometrists who interact with children. This conference is designed for professional development and offers continuing education credit opportunities. Topics of the 2009/2010 conference included autism spectrum disorders, sensory processing dysfunction, school intervention, and early literacy and language essentials.

Participating Schools: Available to any districts/schools/youth. **Ohio State Contact:** College of Optometry, 614-688-3336, optometry.osu.edu/CLF.

Columbus Area Writing Project (CAWP)

The Columbus Area Writing Project (CAWP) is one of the nearly 200 local sites that make up the National Writing Project network. CAWP works in partnership with central Ohio school districts to provide high-quality professional development programs for educators at all grade levels. Designed for teachers from all disciplines, CAWP Summer Institutes are intensive, professional development experiences designed to improve the teaching of writing. CAWP Institutes build on the principles of the National Writing Project. Programs include the 5-week summer institute and retreat and the 1-week Advanced Institute on Multimodal Composition. The first three credit hours are free. In addition, CAWP is developing a leadership cadre of local teachers (called teacher-consultants) from participants in the invitational summer institutes. CAWP teacher consultants as part of ongoing continuity projects work on professional development and participant research projects, community outreach and organize and run a 2-week summer writing camp for youth, grades 5-11. There is tuition associated with this camp.

Participating Schools: Clark County: Northeastern Local. Delaware County: Olentangy Local. Fayette County: Washington Court House City. Franklin County: Columbus Catholic Diocese, Columbus City, Dublin City, Gahanna-Jefferson City, Hilliard City, Westerville City. Greene County: Beavercreek City. Holmes County: West Holmes Local.

Ohio State Contact: College of Education and Human Ecology, 614-688-3051; 614-292-1844; and 614-247-4292, ehe.osu.edu/groups/writingproject/; <http://www.nwp.org>.

Connecting to the Past

Connecting to the Past is a professional development program designed to support and improve the teaching of American history. Participation is open to teachers in grades 4-8 in Ashland, Holmes, Wayne, and Medina counties. Connecting to the Past combines the resources of the Tri-County Educational Service Center, the Ohio Historical Society, and the Ohio State University. Each year, up to 24 teachers will participate in five seminars, two historic site visits, and a one-week summer institute held on the Columbus campus. Among other benefits, Connecting to the Past participants receive 5 hours of nondegree graduate credit from the Ohio State University; program materials, including books and primary sources packets and CDs; and opportunities to interact with peers, professional historians and original collection material from the Ohio Historical Society. The program content relates to three core themes: Peopling the New World—Immigration and Migration of Natives and Newcomers, Creating the New Nation—The Revolution and Constitutional Development, and Growing the Nation—Transportation, Communication, and Westward Movement. Connecting to the Past seminars feature engaging content-focused presentations from Ohio State's award-winning history faculty. At each seminar the Project Curator introduces participants to primary sources (such as letters, photos, maps, and documents) related to the core theme, along with ways to take these sources back to the classroom. Lead Teachers help participants apply what they have learned to their teaching. The Lead Teachers are experienced classroom teachers from area schools. They share their experiences and techniques and facilitate peer learning. In the first of 3 years, the program served 21 teachers from 12 school districts.

Participating Schools: Ashland County: Hillsdale Local—Hillsdale Middle; Loudonville-Perrysville Exempted Village—C. E. Budd Elementary. Holmes County: West Holmes Local—Millersburg Elementary. Medina County: Black River Local—Black River Education Center Elementary, Black River Education Center Middle. Wayne County: Chippewa Local—Hazel Harvey Elementary, Chippewa Middle; Dalton Local—Dalton Elementary; Green Local—Smithville Elementary, Greene Middle; North Central Local—Creston Middle, Norwayne High. Rittman Exempted Village—Rittman Middle; Southeast Local—Fredericksburg Elementary, John R. Lea Middle; Triway Local—Wooster Township Elementary, Triway Junior High.

Ohio State Contact: Department of History, College of Arts and Sciences, 614-688-3092, hti.osu.edu/connect/. External Partners: Ohio Historical Society, Tri-County Educational Service Center.

Continuing Education for School Support Staff

Support staff from school districts in Medina County receive continuing education credit for a variety of classes offered by OSU Extension, including parenting, healthy lifestyle, and money management workshops. In addition, Family and Consumer sciences staff offer special classroom programs such as Choose It! Use It! Participants pay the scheduled class fee and the school reimburses them if it's a public class. Special classes may require an honorarium.

Participating Schools: Schools in Medina County.

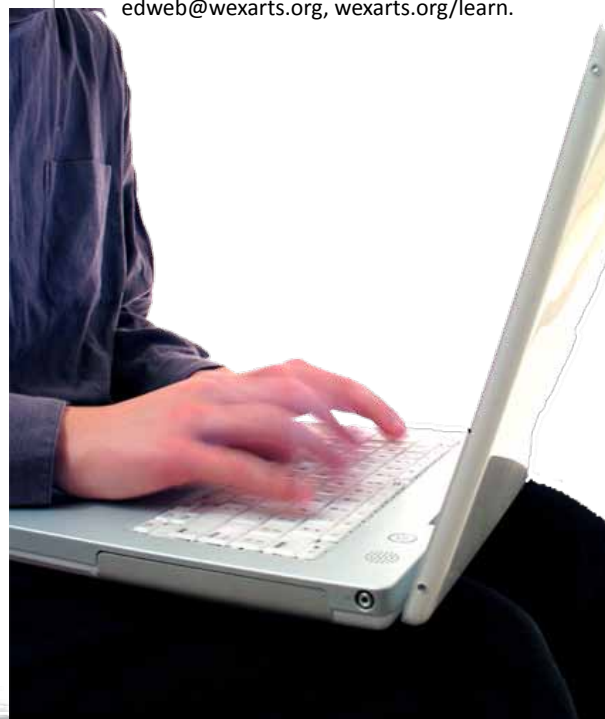
Ohio State Contact: Medina County, OSU Extension, medina.osu.edu.

DIY Propaganda

K-12 teachers gathered at the Wexner Center to investigate the arts of social commentary, persuasion, and propaganda. Working with teaching artists Dan Gerdeman and Corey Aumiller, they explored the works of a range of artists and had the opportunity to create and display their own pieces. , No

Participating Schools: Delaware County: Village Academies. Franklin County: Dublin City—Ann Simpson Davis Middle; Hilliard City—Brown Elementary, Hilliard Crossing Elementary, Hilliard Davidson High; South-Western City—Grove City High; Upper Arlington City—Upper Arlington High.

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



Earth Sciences 580: Standards-Based Earth Science for Educators

This course for current and future educators met for 2 weeks during Summer Quarter 2009 and included field trips to two area quarries, two roadside outcrops of rocks, Hueston Woods State Park, and the Allen County Museum to collect and/or examine minerals, rocks, and fossils common to Ohio and elsewhere. Educators use lesson plans they develop on the topics covered in the class, specimens they collect, and information and photos from field trips in their own classrooms. There is a limit of 20 participants in the class; five were enrolled in the 2009 class. Educators from the schools/districts listed can typically participate for one-third the regular cost of the class due to service agreements Ohio State Lima has with their schools. Many former participants have had much success using lesson plans and other materials from this class in their classrooms.

Participating Schools: Allen County: Bath Local, Elida Local, Lima City, Shawnee Local, Toledo Catholic Diocese—St. Gerard Elementary, St. Rose Elementary. Auglaize County: Cincinnati Archdiocese—St. Joseph Elementary. Hardin County: Ada Exempted Village. Putnam County: Ottoville Local.

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

Engaging Families with Adolescents: Strength-Based Approaches that Focus on Nonacademic Barriers to Learning

This online course is designed to provide educators with an understanding of strength-based and family-focused approaches targeting adolescent academic potential that can be used as part of a family engagement strategy by school-based professionals.

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

Ohio State Contact: Human Development and Family Science, College of Education and Human Ecology, 614-292-5620, ced.osu.edu/oengagingfamilies.html. **Ohio State Contact:** Office of Continuing Education.



ESL-Content Teachers Collaborative (ECTC)

The ESL-Content Teachers Collaborative (ECTC) is a 9-month professional training program for secondary teachers throughout Ohio. Funded by a 5-year, \$1.5 million grant awarded to Ohio State from the U.S. Department of Education's Office of English Language Acquisition (OELA), this scholarship program is training 180 teachers in the knowledge base and skills required to help teachers improve the academic achievement and English language development of Ohio's 35,000 ESL (English as a Second Language) students. Each year, six Ohio school districts contribute teams of six content teachers and an ESL teacher to the program. Using online learning technology as well as onsite meetings, these 42 teachers participate collaboratively in four graduate-level courses at Ohio State and three full-day workshops. Upon successful completion, content teachers receive a TESOL certificate of completion (a \$5,000 value) and can apply their 14 credit hours of coursework toward a TESOL Endorsement or a future graduate-degree program at Ohio State. Using the trainer of trainers model, ECTC graduates serve as mentors for fellow content-area teachers in their own districts, while also promoting closer collaboration with district ESL teachers, specialists, and administrators. Districts interested in this training program should contact the ECTC directly. \$50 registration fee per teacher.

Participating Schools: Available to all Ohio schools, limited to six Ohio school districts per year. 2009-10 participants: Franklin County: Hilliard City, Whitehall City. Miami County: Tipp City Exempted Village. Montgomery County: Dayton City, Huber Heights City.

Ohio State Contact: School of Teaching and Learning, College of Education and Human Ecology, 614-292-3532, ehe.osu.edu/ectc.

Food Safety Training

Over 125 public service cooks (through Lorain County schools) participated in food safety education through OSU Extension in Lorain County. One-hundred percent of participants showed improvements in their knowledge of food handling principles when comparing pre-class to post-class tests. Written comments from post-class evaluations indicated participants would: do a better job of tracking temperatures of foods, try to cool foods more quickly, and wash hands more frequently.

Participating Schools: Lorain County: Amherst Exempted Village, Keystone Local, Midview Local.

Ohio State Contact: Lorain County, Family and Consumer Sciences, OSU Extension, lora@osu.edu, lorain.osu.edu.

Haiti Empowerment Project: Building a Stronger Educational System through Collaborations

Ohio State Mansfield faculty are working with teachers in Haiti toward the goal of transforming the country's education system. The project is tackling three primary obstacles to Haitian education: a lack of critical thinking, antiquated methods of teaching, and access to high-quality, sustained professional development. The primary function of the project is to bring U.S. faculty and graduate students from varying fields to Haiti to work with Haitian teachers, students, and university faculty. Lab schools in the countryside of Haiti provide grounding for the instructional strategies and learning theories for U.S. faculty. The participating faculty and graduate students first work in the Haitian primary and secondary schools with teachers and students and then embed those experiences in the teacher education courses. A new focus is the Keep Books® translation project. The goal is to translate Keep Books® into Haitian Creole and use them in the lab schools to inform the use and distribution with a wider audience in the near future. We are currently seeking an outside funding source for this project. In addition to providing print literature to Haitian children in schools, Keep Books® are designed to be sent home, thus increasing literacy in Haitian households. The process is this: 1. Ohio State University faculty from a variety of disciplines meets with representatives from one of our collaborating Haitian universities to look at the curriculum to determine the areas of study and specific courses we might be able to assist in by providing visiting teaching seminars to meet their needs. 2. Our Haitian colleagues request teaching assistance for a particular course in a particular discipline of study. 3. We find OSU faculty and graduate students from the discipline and provide a field placement, where they can experience the discipline in the context of Haitian culture and realities of Haitian life. 4. The visiting OSU faculty or graduate students teach a 15-hour seminar with one of our collaborating Haitian universities.

Participating Schools: Croix des Bouquets Haiti, Faith Academy, H.O.P.E. Girls School, Benito School, Quisqueya Christian School.

Ohio State Contact: College of Education and Human Ecology, Ohio State Mansfield, 419-755-4243, mansfield.osu.edu/Empowerment/; www.osu.edu/features/2010/Haiti. External Partners: Université Caraïbe, Notre Dame d'Haiti.

Hip Hop in the Classroom

In this interactive workshop, teachers were invited to converse with and learn from practicing artists who use the roots of hip-hop to bring contemporary culture to life through spoken word, storytelling, movement, improvisation, rhythm, visual arts and more., No

Participating Schools: Delaware County: Scioto Juvenile Correctional Facility/William K Willis High. Fairfield County: Pickerington Local—Tussing Elementary. Franklin County: Columbus City—Cassady Alternative Elementary, Duxbury Art and Tech Elementary, Fairwood Alternative Elementary; South-Western City—Central Crossing High; Westerville City; independent/charter: Arts and College Preparatory Academy. Licking County: Southwest Licking Local—Watkins Middle School.

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

High School Financial Planning Program® Training

Changes in the Ohio Revised Code beginning with students who enter ninth grade by July 2010 will require having a course in economics and financial literacy. In response, Extension Family and Consumer Science educators have conducted inservice training for Ohio educators in the use of the National Endowment for Financial Education's High School Financial Planning Program® (HSFPP). The six-unit program provides teens with a greater understanding of and ability to manage their personal finances in the areas of financial planning, careers, budgeting, saving and investing, credit, and insurance.

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

Ohio State Contact: Family and Consumer Sciences, OSU Extension, fcs.osu.edu/cs/.

IMPACT II Middle School Science Teacher Professional Development Program

The 12 middle school science teachers in Marion City Schools participated in a year-long professional development program that resulted in improved teacher content knowledge and teaching practices and a rise in student scores on the Ohio Achievement Test. Teachers attended a summer institute to introduce content and pedagogy for a new hands-on inquiry science curriculum and participated in twice-weekly meetings and online discussions to support implementation of the curriculum. Another teacher institute after the end of the school year explored additional issues in implementation of the curriculum. IMPACT II is funded by the Ohio Department of Education's Mathematics and Science Program.

Participating Schools: Marion County: Marion City—Grant Middle.

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

K-12 Chinese Flagship Program

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

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

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

Licking Valley High School Teacher Inservice

A 1-day college mentorship training program for high school teachers.

Participating Schools: Licking County: Licking Valley Local—Licking Valley High.

Ohio State Contact: Office of Undergraduate Admissions and First Year Experience, Ohio State Newark, 740-366-9333. External Partners: Central Ohio Technical College, Denison University, Licking Valley High School and ACT.

LILT: Linguistics Institute for Language Teachers

LILT: Linguistics Institute for Language Teachers is a weeklong summer program designed specifically for teachers of foreign languages. The goal is to provide language teachers with greater linguistic awareness and understanding, with the ability to think critically about language, and with a deeper appreciation for all aspects of language and language study. \$395

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

Ohio State Contact: Department of Linguistics, College of Arts and Sciences, 614-292-4052, linguistics.osu.edu/newsEvents/lilt/yr2011/default.

Literacy Collaborative®

Literacy Collaborative® is a comprehensive school reform project designed to improve the reading, writing and language skills of elementary children. School-based literacy coordinators learn to be onsite staff developers and coaches by participating in 7-8 weeks of blended training at our Ohio State training site and online. Team Planning and Principals' Leadership Academy are additional opportunities to learn more about Literacy Collaborative®. Reading Recovery® is strongly recommended in all Literacy Collaborative® schools for at-risk first-grade readers. Schools are asked for a 5-year commitment when they make the decision to become affiliated with the Literacy Collaborative® network. There are fees for instruction, professional development, affiliation, research, materials, and travel. Literacy Collaborative offers K-6 professional development focused on increasing achievement in reading and writing by implementing research-based practices and developing collaborative learning communities

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

Ohio State Contact: Literacy Collaborative®, College of Education and Human Ecology, 614-688-4977, www.lcosu.org; www.rrosu.org. External Partners: Lesley University, Cambridge, MA; Georgia State University, Atlanta, GA.

Livestock Environmental Assurance Program (LEAP)

This curriculum integrates animal sciences with environmental, ecological, and agronomic sciences as a student version of the Livestock Environmental Assurance Program (LEAP). It was created by Ohio State University's departments of Animal Sciences, Human and Community Resource Development, and Food, Agricultural and Biological Engineering. The curriculum includes electronic format of each student LEAP chapter, PowerPoint presentations for each chapter, supplemental photo set to aid classroom discussion, and supplemental DVDs for selected chapters. The Youth Livestock Environmental Assurance Program (Youth LEAP) education module has been distributed to over 300 high school educators in Ohio.

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

Ohio State Contact: OSU Extension, 614-292-4504, www.ohleap.org/StudentLEAP/index.html.

Materials Science Camp for High School Teachers

The Ohio State University College of Engineering hosted a 5-day Materials Science Camp for high school science and math teachers. The camp provided hands-on laboratory experiences to assist teachers to use applied engineering techniques in the classroom. Participating teachers left with a comprehensive series of low/no cost laboratory demonstrations in applied science to use in chemistry, physics, math, technology, and industrial arts in their schools. The curriculum was presented by a team of experienced master high school teachers, OSU Materials Science and Engineering (MSE) professors, and industrial experts.

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

Ohio State Contact: Materials Science Engineering, College of Engineering, 614-247-8084, www.nace-foundation.org/Programs/ASMMaterialsCampsforTeachers/tabid/108/Default.aspx. External Partners: ASM Materials Education Foundation, ASM Columbus Chapter.

Mathematics Coaching Program (MCP)

This project is a professional development model for training and supporting K-6 Mathematics Coaches to work full time in elementary schools as support for teachers and students. Currently, more than 50 schools in the central and north central regions of Ohio are participating in the project. The program's impact is grounded in mathematics achievement, but also in the fact that the schools accepted into the program are the lowest in the regions in terms of their mathematics achievement. The Mathematics Coaching Program has increased scores so effectively that many schools left academic emergency.

Participating Schools: Butler County: Middletown City—Amanda Elementary, Mayfield Elementary, Wildwood Elementary. Fairfield County: Pickerington Local—Fairfield Elementary, Pickerington Elementary, Tussing Elementary, Lakeview Junior High, Ridgeview Junior High. Franklin County: South-Western City—Alton Hall Elementary, Darby Woods Elementary, East Franklin Elementary, Finland Middle, Norton Middle. Hamilton County: Mt. Healthy City—Greener Elementary. Lorain County: Elyria City—Franklin Elementary, Oakwood Elementary, Roosevelt Elementary. Mahoning County: Campbell City—Campbell Middle; Youngstown City—Harding Elementary, Kirkmere Elementary, McGuffey Elementary, Taft Elementary, Williamson Elementary, P. Ross Berry Middle, Volney Rogers Middle; charter—Legacy Academy for Leaders and the Arts. Marion County: Elgin Local—Elgin South Elementary. Meigs County: Southern Local—Southern Elementary. Montgomery County: Huber Heights City—Kitty Hawk Elementary; Northridge Local—Grafton Kennedy Elementary, John H. Morrison Elementary; charter—Dayton Academy. Preble County: Tri-County North—Tri-County North Elementary. Richland County: Mansfield City—Newman Elementary, Prospect Elementary, Brinkerhoff Intermediate, Hedges Intermediate School. Summit County: Akron City—Barrett Elementary, Lincoln Elementary, Stewart Elementary, Goodyear Middle, Innes Middle, Jennings Community Learning Center, Roswell Kent Middle. Trumbull County: Warren City—Jefferson K-8, Lincoln K-8, McGuffey K-8, Willard Avenue K-8.

Ohio State Contact: Mathematics Education, School of Teaching and Learning, College of Education and Human Ecology, Ohio State Newark, 740-366-9203, mcp-coaching.osu.edu/Pages/index.aspx.

Mid-Ohio Writing Project

The Mid Ohio Writing Project (MOWP), a National Writing Project site located at Ohio State Mansfield, provides high quality professional development experiences that blend best practices with current research in the teaching of writing. It offers continuity sessions, inservice training, technology classes, and support to emulate the kinds of guidance and support students will need throughout the writing process.

Participating Schools: Ashland County: Hillsdale Local. Crawford County: Buckeye Central Local, Colonel Crawford Local, Crestline Exempted Village. Morrow County: Mount Gilead Exempted Village. Richland County: Madison Local, Mansfield City.

Ohio State Contact: College of Education and Human Ecology, Ohio State Mansfield, 419-755-4336, mowp.mansfield.ohio-state.edu/.

Midwest Slavic Conference P-12 Teacher Training Workshops

The Center for Slavic and East European Studies offers an annual teacher training workshop in tandem with the annual Midwest Slavic Association Conference. The workshop is open to all P-12 Ohio Educators. Though the topic changes every year, it is always focused on Russia, Eastern, Central Europe, or Central Asia. For information on Teacher Training Workshops, visit www.slaviccenter.osu.edu and click on the P-12 tab to find a link to Teacher Training.

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

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

Money FUN-damentals

Fifteen elementary through high school teachers completed a Money FUN-damentals workshop focused on financial literacy. All of the teachers plan to incorporate the information learned in the workshop in their teaching during the next school year.

Participating Schools: Schools in Richland County.

Ohio State Contact: Richland County, OSU Extension, rich@ag.osu.edu.

Nanotechnology Workshop for High School Science Teachers

As part of its outreach efforts to introduce nanotechnology into high school classrooms, the NSF Nanoscale Science and Engineering Center (NSEC) at Ohio State conducts a 1-day workshop annually for high school science teachers. Teachers from high schools in central Ohio participate in this workshop, learn about nanotechnology, observe and perform experiments, and receive kits that contain materials for hands-on classroom activities. Experiments range in complexity from measuring a nanometer to advanced computer-based molecular modeling. Teachers also tour the NSEC cleanroom facility at Nanotech West on Kinnear Road and observe researchers at work on cutting edge nanotechnology projects. Additional activities include a cryogenics and phase change demonstration involving the preparation of liquid nitrogen ice cream. This workshop is cosponsored by the National Science Foundation.

Participating Schools: Franklin County: Bexley City, Columbus City, Dublin City, Hilliard City, Reynoldsburg City, South-Western City, Westerville City, Worthington City. Greene County: Beavercreek City. Hamilton County: Archdiocese of Cincinnati, Winton Woods City. Jackson County: Jackson City. Knox County: Mount Vernon City. Montgomery County: Huber Heights City, Kettering City, Miami Valley Career Technology Center. Warren County: Lebanon City. Washington County: Belpre City.

Ohio State Contact: Nanoscale Science and Engineering Center, College of Engineering, 614-292-9599, nsec@osu.edu, www.nsec.ohio-state.edu/teacher_workshop.html. Ohio State Partner: Division of Natural and Mathematical Sciences, College of Arts and Sciences.

National Consortium for Teaching about Asia

The National Consortium for Teaching about Asia (NCTA) is an 11-week seminar series that provides 6-12th grade teachers with the knowledge, resources, and expert guidance needed to incorporate or enhance curriculum about East Asia in their classrooms. Teachers enrolling in an NCTA seminar uncover a wealth of information and experience on China, Japan, and Korea in Ohio. In addition to the knowledge they gain about East Asia, they receive the following benefits upon completion of program requirements: \$500 personal stipend for their time and completed lesson plans; \$200 worth of seminar texts and resources to add to their personal library; \$300 resource grant to purchase Asia-related textbooks, films, and other supplies for their school; option to purchase graduate credit; and continuing education unit certificates. In Winter 2010, The Ohio State University's East Asian Studies Center, the coordinator for NCTA programs for the state of Ohio, partnered with Oberlin College and Ohio University to offer seminars in Oberlin and Athens.

Participating Schools: Athens County: Athens City—Athens High; Tri-County Career Center. Cuyahoga County: Cleveland Municipal—John Marshall High, South High/Washington Park; Lakewood City—Garfield Middle, Harding Middle. Lorain County: Clearview Local—Clearview High; Firelands Local—Firelands High. Lorain City—Southview High; Oberlin City—Oberlin High; Sheffield-Sheffield Lake City—Brookside High, Sheffield Middle; Arts Academy Elementary. Lucas County: Ohio Virtual Academy. Marion County: Marion City—Harding High. Medina County: Medina County Career Center. Meigs County: Eastern Local—Eastern High. Ottawa County: Danbury Local—Danbury High; Port Clinton City—Port Clinton High. Perry County: Crooksville Exempted Village—Crooksville K-8 Elementary, Crooksville High. Wayne County: Wooster City—Edgewood Middle.

Ohio State Contact: East Asian Studies Center, Office of International Affairs, 614-688-4253, ncta.osu.edu/. External Partners: Freeman Foundation, Oberlin College, Ohio University.

Ohio Department of Education's 21st Century Community Learning Centers (CCLC) Initiative

Ohio State provided training, technical assistance, and evaluation support for 21st CCLCs and related after-school programs across the state of Ohio.

Participating Schools: Over 100 school districts in Ohio funded by the 21st CCLC initiative

Ohio State Contact: College of Social Work, 614-292-6934, anderson-butcher.1@osu.edu, csw.osu.edu/cayci/,

Ohio Early Learning Content Standards

This project provides professional development opportunities related to Ohio's Early Learning Content Standards in English Language Arts, Mathematics, Science, and Social Studies. The project works across the Ohio Department of Education's (ODE) 16 State Support Team Regions (SST) and utilizes the network of Early Childhood teams working within each SST Region and faculty identified from two and four year institutions statewide. The primary audiences for the program are teachers and administrators working within district-operated early childhood programs, those funded through preschool special education unit funding, kindergartens, and community-based child care centers and Head Start teachers and their administrators who are working with children with an identified disability or developmental delay. This project is funded through June 30, 2011, with options to continue through June 30, 2014.

Participating Schools: Available to any districts/schools/youth
Ohio State Contact: Center for Special Needs Populations/Early Childhood Quality Network, College of Education and Human Ecology, 614-292-1160, www.ecqnet.org. Ohio State Partner: School of Teaching and Learning, Lima Campus, Mansfield Campus. External Partner: Ohio Department of Education.

Ohio Global Institute

The Ohio Global Institute is held each summer at a university: in 2010 at The Ohio State University, and 2011 will be held at Ohio University. Educators from Ohio schools who teach English language arts, mathematics, science, social studies, fine arts, world languages, career programs or technology in grades K-12 may apply. One hundred teachers are chosen with priority given to school teams. This 3-day Global Institute for educators is a collaboration among the Ohio Department of Education, the Office of International Affairs, the Wexner Center for the Arts, Area Studies Centers at The Ohio State University, the Gerald H. Read Center at Kent State University, Ohio University and the Ohio Geographic Alliance. Primarily funded by a grant from the Martha Holden Jennings Foundation and contributions from the partner organizations, this professional development will provide teachers of content areas across the curriculum the opportunity to share best practices in international education, obtain new resources and tools for internationalizing across the curriculum, and develop an action plan for implementation in their classroom and school. One graduate credit is available for a fee paid to the university offering it. \$75-\$100; fee for optional graduate credit.



Participating Schools: Available to all districts/schools/youth in Ohio. Athens County: Athens City. Cuyahoga County: Mayfield City, Shaker Heights City, South-Euclid-Lyndhurst City. Delaware County: Buckeye Valley Local. Franklin County: Columbus Catholic Diocese, Columbus City, Gahanna-Jefferson City, Hilliard City, New Albany-Plain Local, Upper Arlington City, Westerville City. Greene County: Sugarcreek Local. Hamilton County: Cincinnati Public; Great Oaks Career Center, Winton Woods City. Jackson County: Jackson City. Knox County: Mount Vernon City. Lake County: Willoughby-Eastlake City. Mahoning County: Austintown Local. Marion County: River Valley Local. Miami County: Upper Valley JVS. Montgomery County: Dayton City, Kettering City. Morgan County: Morgan Local. Muskingum County: Zanesville City. Ottawa County: Danbury Local. Scioto County: Washington-Nile Local. Summit County: Hudson City. Trumbull County: Lakeview Local. Warren County: Franklin City. Wood County: Perrysburg Exempted Village.

Ohio State Contact: Office of International Affairs, 614-292-6392, outreach@oia.osu.edu, oia.osu.edu/international-education-outreach/. Ohio State Partners: Wexner Center for the Arts Center for African Studies Center for Latin American Studies Center for Slavic and East European Studies East Asian Studies Center Middle East Studies Center. External Partners: Ohio Department of Education, Kent State, Ohio University, Ohio Geographic Alliance.

Ohio State Research in Franklin County Schools

Upon screening and approval by the college and school district, numerous classrooms were sites for Ohio State research. Franklin County schools earned 114 hours toward tuition authorizations they can apply toward tuition costs for Ohio State graduate courses.

Participating Schools: Franklin County: Bexley City, Canal Winchester Local, Columbus Catholic Diocese, Columbus City, Dublin City, Eastland-Fairfield Career Center, Educational Service Center of Central Ohio, Gahanna-Jefferson Public, Grandview Heights City, Groveport Madison Local, Hamilton Local, Hilliard City, New Albany-Plain Local, Reynoldsburg City, South-Western City, Upper Arlington City, Westerville City, Whitehall City, Worthington City.

Ohio State Contact: Office of Outreach and Engagement, College of Education and Human Ecology, 614-292-2581, outreach-placement@ehe.osu.edu, ehe.osu.edu/outreach/schools-network/.

Peer Assistance and Review

This program provided mentoring and resources for all teachers new to the district and assisted experienced teachers with deficiencies. Expert teachers were paired with entering teachers to make unbiased judgments about specific behaviors of the new teachers and their students. Expert teachers also acted as mentors. The program also included mentoring and community resources for parents.

Participating Schools: Franklin County: Columbus City

Ohio State Contact: Office of Outreach and Engagement, College of Education and Human Ecology, 614-292-2581.

Pesticide Education Program

The Pesticide Education Program (with county offices) has conducted training for school districts and personnel on responsible pesticide use and Integrated Pest Management to assist schools in complying with state pesticide laws. School personnel are required to have trained and licensed staff to use any type of pesticide on school grounds, including ant baits, cockroach sprays, or herbicides for weed control to improve safety on athletic fields.

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

Ohio State Contact: OSU Extension, 614-292-4070, pested@postoffice.ag.ohio-state.edu, pested.osu.edu.

Principal Externships

The Ohio State University Medical Center hosts principals for a professional development day. This program allows administrators to experience a hands-on approach to what occurs when a student or a student's family member is admitted to the hospital or when someone is diagnosed with a particular illness. This program also gives the principals skills and tools to address these issues with their students.

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

Ohio State Contact: OSU Medical Center, 614-293-8357.

Professional Development in Franklin County Schools

The Office of Outreach and Engagement in the College of Education and Human Ecology contracted to provide 65 customized graduate-level professional development courses throughout the year for Franklin County schools. Seventy courses with approximately 20 students in each provided course work for approximately 1,500 teachers and administrators. In addition, Franklin County schools combined earned over 4,000 tuition authorizations they could apply toward tuition costs for Ohio State graduate courses for hosting Ohio State preservice teachers in their classrooms.

Participating Schools: Franklin County: Bexley City, Canal Winchester Local, Columbus Catholic Diocese, Columbus City, Dublin City, Eastland-Fairfield Career Center, Educational Service Center of Central Ohio, Gahanna-Jefferson Public, Grandview Heights City, Groveport Madison Local, Hamilton Local, Hilliard City, New Albany-Plain Local, Reynoldsburg City, South-Western City, Upper Arlington City, Westerville City, Whitehall City, Worthington City.

Ohio State Contact: Office of Outreach and Engagement, College of Education and Human Ecology, 614-292-2581, outreach-placement@ehe.osu.edu, ehe.osu.edu/outreach/schools-network/.

Professional Development School (PDS) Network in Social Studies and Global Education

Professional Development School (PDS) Network in Social Studies and Global Education at Ohio State University is a collaborative effort of selected social studies teachers in 10 school districts in Central Ohio and the social studies and global education faculty in the College of Education. The goals of the PDS are to (1) improve the education of preservice social studies teachers; (2) provide ongoing professional development for practicing teachers; and (3) improve classroom instruction and strengthen the knowledge base in social studies and global education through collaborative inquiry and action research. Classroom teachers who serve as field professors for the preservice cohort work with program faculty to plan the assessments, team-teach T&L 638 and 639 Methods seminars, and mentor interns in their schools from late August when school begins to the following May.

Participating Schools: Franklin County: Columbus City, Dublin City, Gahanna-Jefferson City, Upper Arlington City, Worthington City. **Ohio State Contact:** Social Studies and Global Education Program, College of Education and Human Ecology, people.ehe.ohio-state.edu/mmerryfield/pds-work/. **Ohio State Partners:** Center for African Studies Center, East Asian Studies Center, Center for Latin American Studies, Middle East Studies Center, Slavic and Eastern European Studies Center. **External Partners:** Indiana University Center for the Study of Global Change.

Project KNOTtT: Strengthening Systems Capacity Collaboratively with Kansas, Nevada, Ohio, and Texas

Project KNOTtT is a consortium of colleges/universities; school districts in Kansas, Nevada, Ohio, and Texas; nonprofit organizations; and foundations that will work independently and interdependently to recruit, prepare, support, and retain 545 midcareer professionals and recent college graduates to serve as teachers of record in four states in the core academic secondary subjects of mathematics, science, English/language arts, foreign languages, English as second language, and special education (K-12). Project KNOTtT is bounded by three strands that afford connectivity and strength through a unifying KNOT. An overarching goal, or tie, is to close the gap on teacher quality by binding our partners' teacher preparation work through the strands of (1) learning community, (2) e-coaching and mentoring, and (3) quality indicators for nontraditional pathways. KNOTtT universities with colleges of education programs include Wichita State University, The Ohio State University, Wright State University, Ohio University, and the University of Nevada at Las Vegas. Other higher education institutions are represented nationally by the Association of Teacher Educators and the National Association for Alternative Certification. The Youth Policy Institute and The Thomas B. Fordham Institute (Ohio Programs and Policies) supplement the KNOT and ensure the quality of this project. Partnering school districts must meet the federal definition of high need and hard to staff.

Participating Schools: Adams County: Adams County/Ohio Valley Local. Athens County: Federal Hocking Local. Belmont County: Barnesville Exempted Village, Bellaire Local, Martins Ferry City. Brown County: Ripley-Union-Lewis-Huntington Local. Clark County: independent—Springfield Academy of Excellence. Franklin County: independent/charter—Columbus Collegiate Academy, KIPP Journey Academy. Gallia County: Gallia County Local, Gallipolis City. Hamilton County: Cincinnati Public; East End Community School. Highland County: Bright Local. Lawrence County: Rock Hill Local. Meigs County: Meigs Local. Montgomery County: Dayton City, Dayton Community; Trotwood-Madison Local; independent/charter—Dayton Academy, Dayton View Academy, Emerson Academy of Dayton, Pathway School of Discovery, Phoenix Community Learning Center, Richard Allen Academy. Pike County: Western Local. Scioto County: Portsmouth City. Vinton County: Vinton County Local. Galena Public, KS; Hamilton City Public, KS; Kansas City Public, KS; Topeka Public, KS; Wichita Public, KS; Clark County School District, NV; Dallas ISD, TX.

Ohio State Contact: Center on Education and Training for Employment, College of Education and Human Ecology, 614-247-8814, www.knottt.net. **External Partners:** Wichita State University, University of Nevada-Las Vegas, Ohio University, Wright State University, Association of Teacher Educators, National Association for Alternative Certification, Fordham Foundation.



Route B Teacher Licensure Program for Career & Technical Education Teachers

Through this partnership with local school districts and funding from the Ohio Department of Education, new career and technical education teachers recruited directly from business and industry receive one-on-one teacher education instruction in their high school career and technical classes.

Participating Schools: Ashland County: Ashland West Holmes Career Center. Athens County: Tri-County Career Technical Center. Champaign County: Urbana City—Urbana High. Clark County: Northeastern Local—Northeastern High; Springfield-Clark County Career Technical Center. Delaware County: Delaware Career Center. Franklin County: Columbus City—Fort Hayes Career Center, Southeast Career Center; Dublin City—Dublin Jerome High; Eastland-Fairfield Career & Technical Schools—Eastland Career Center, Fairfield Career Center; Gahanna-Jefferson City—Gahanna Lincoln High; Hilliard City—Hilliard Davidson High; South-Western City—Central Crossing High, Franklin Heights High, South-Western Career Academy; Westerville City—Westerville South High; independent/charter—Columbus Zoo School; Premier Academy of Ohio; Youth Build Columbus Youth Connections. Greene County: Greene County Career Center. Hamilton County: Diamond Oaks Career Technical Center; Scarlet Oaks Career Center. Hardin County: Kenton City—Kenton High; Riverdale Local—Riverdale High; Upper Scioto Valley Local—Upper Scioto Valley High. Knox County: Knox County Career Center. Licking County: C-TEC of Licking County; Granville Exempted Village—Granville High; Licking Heights Local—Licking Heights High. Logan County: Ohio Hi-Point Career Technical Center. Madison County: Tolles Career Technical Center. Marion County: Tri-Rivers Career Technical Center. Montgomery County: Centerville City—Centerville High; Miami Valley Career Technical Center. Morgan County: Morgan Local—Morgan High. Muskingum County: Mid-East Career and Technical Schools. Richland County: Madison Local—Madison High; Mansfield City—Mansfield High. Ross County: Pickaway-Ross Career Technical Center. Sandusky County: Vanguard Career Center. Warren County: Franklin City—Franklin High; Kings Local—Kings High; Warren County Airport.

Ohio State Contact: School of Physical Activity and Educational Services, Workforce Development & Education Section, College of Education and Human Ecology, 614-270-2547. External Partner: Ohio Department of Education.

School Wellness

Workshops provided by Lorain County School Health Coalition are open to all schools in Lorain County. The workshops provide training to teachers, guidance counselors, administrators, and food service directors in the areas of nutrition and physical activity.

Participating Schools: Schools in Lorain County.

Ohio State Contact: Lorain County, Family and Consumer Sciences, OSU Extension, lora@osu.edu, lorain.osu.edu.

Sports, Gender, and Identity: An Exploration through Writing and Video

How do sports reflect a society's culture or its views on gender? How can sports relate to your students' personal identities? Teachers were invited to explore these questions through writing activities and digital storytelling in this free, day-long workshop. This program was inspired by Hard Targets, the Wexner Center's winter exhibition. All educators were invited, but this workshop was especially suited for language arts, social studies, and media or visual arts teachers.

Participating Schools: Cuyahoga County: Cleveland Metropolitan, Garfield Heights City, North Olmsted City—Maple Intermediate Elementary. Franklin County: Columbus Catholic Diocese—St. Joseph Montessori Elementary; Columbus City—Briggs High. Miami County: Bethel Local. Union County: Marysville Exempted Village—Marysville High.

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

String Teacher Workshop

This weeklong continuing education workshop for school string teachers is in its 25th season. Over 80 sessions are available during the week, including daily labs to refine teaching, rehearsal, coaching, and conducting skills.

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

Ohio State Contact: School of Music, College of Arts and Sciences, 614-292-2336, music.osu.edu/node/125.

Teacher Tour Night

Teachers were invited to tour the recently opened winter exhibitions to discuss and learn about the works on display and about how they could relate to topics and issues addressed in their curriculum.

Participating Schools: Franklin County: South-Western City; independent/charter: Metro School; Arts & College Preparatory Academy.

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

The Ohio State University/Royal Shakespeare Company Partnership

Spearheaded by the Arts Initiative at Ohio State, this international partnership focuses on a 3-year teacher education program based on the Royal Shakespeare Company's renowned Stand Up for Shakespeare program. The only partnership of its kind in the United States, it promotes literacy, drama education, and leadership in Ohio public schools. In 2009, the project engaged 20 teachers from multiple disciplines in STEM schools, who teach 1,700 children.

Participating Schools: Current partner schools are central Ohio STEM network schools. Franklin County: Columbus City; Reynoldsburg City; Metro School.

Ohio State Contact: Arts Initiative at Ohio State, 614-292-6299, artsinitiative.osu.edu/royal_shakespeare_company.html; osuandrsc.blogspot.com. Ohio State Partners: College of Education and Human Ecology; College of Arts and Sciences, Department of Theatre, Department of English. External Partners: Royal Shakespeare Company, Battelle.

Think Tank

This program enables teachers to gain in-depth knowledge of programming designed for teachers and their students at the Wexner Center, as well as at other arts organizations in Columbus. Teachers will also be challenged to think about what effective arts integration looks like—and what it does not look like. Team members will collaborate to design creative, interdisciplinary curriculum that uses community and school resources. ThinkTank is three credit hours at The Ohio State University and offered through the School of Teaching and Learning. Cost is based on tuition at the time of enrollment.

Participating Schools: Franklin County: Columbus City—Fort Hayes Arts and Academic High, Northland High; Westerville City—Hanby Arts Magnet Elementary; Metro School, Casto

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

Wexner Center Teacher Open House

Annually, the Wexner Center hosts an evening for K-12 teachers to introduce them to all of the programs they can participate in and recognize them for the work they do every day in their classrooms.

Participating Schools: Clark County: Springfield City—Schaefer Middle. Delaware County: Big Walnut Local—Big Walnut Elementary, Big Walnut Middle; Delaware City—David Smith Elementary; Olentangy Local—Olentangy Liberty Middle; independent—Village Academy. Franklin County: Columbus Catholic Diocese—St. Mary Elementary, Trinity Elementary, Bishop Watterson High; Columbus City—Cassady Alternative Elementary, Columbus Spanish Immersion Academy, Easthaven Elementary, Highland Elementary, Indianola Informal Alternative Elementary, Lindbergh Elementary, Mifflin Alternative Middle, Woodward Park Middle, Beechcroft High; Dublin City—Ann Simpson Davis Middle; Gahanna-Jefferson City—Gahanna Lincoln High; Hilliard City—Avery Elementary; Reynoldsburg City—Reynoldsburg High; South-Western City; Upper Arlington City—Tremont Elementary, Hastings Middle, Jones Middle, Upper Arlington High; Westerville City—Westerville South High; Whitehall City—Rosemore Middle; independent/charter—Arts and College Preparatory Academy; Calumet Christian Elementary; Charles School; Columbus School for Girls; Focus Learning Academy; KIPP Journey Academy; Wellington School. Licking County: Newark City. Marion County: Treca Digital Academy High. Union County: Marysville Exempted Village—Mill Valley Elementary. Out of State: PS 98 (New York City, NY)

Ohio State Contact: Wexner Center for the Arts, 614-292-6493, edweb@wexarts.org, www.wexarts.org/learn/index.php?eventid=4949.

Wexner Center Teacher Workshops

The Wexner Center offers workshops and resource materials for teachers to introduce issues in contemporary art and culture and to help you prepare your students for visits to the center. The center's exhibitions and building provide points of departure for in-depth workshops for teachers.

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

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

CONSULTATION

ACT Ohio Council

Ohio State-Newark is an institutional member of the ACT Ohio Council, whose mission includes improving the transition from high school to college, and, in particular for Ohio, improving the rate of college attendance. Activities of the organization include an annual conference.

Participating Schools: Representatives from Ohio colleges, secondary schools, access groups.

Ohio State Contact: Office of Undergraduate Admissions and First Year Experience, Ohio State Newark, 740-366-9123.

Belmont County Community and Family Wellness Coalition

The Belmont County Community and Family Wellness Coalition, organized by OSU Extension, holds monthly meetings to help schools meet unfunded wellness mandates. In 2009 all eight Belmont County school districts contracted with the national organization Alliance for a Healthier Generation (AHG). Over \$6,000 in grant funds were secured to sponsor teacher/staff/student training events for 2009 with more than 300 participants. The monthly Wellness Wake-Up newsletter is distributed on the back of school cafeteria menus taken home by approximately 5,000 students each month.

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

Ohio State Contact: Belmont County, OSU Extension, belmont.osu.edu/topics/family-and-consumer-sciences/health-promotion.

Education Advisory Council

Eight area teachers serve as advisors to Ohio State Mansfield Education Department faculty and also teach undergraduate education courses.

Participating Schools: Schools in Huron and Richland counties.

Ohio State Contact: Education Department, College of Education and Human Ecology, Ohio State Mansfield, 419-755-4270.

GRAD: Global Risk Assessment Device: Assessing Nonacademic Barriers to Student Success

The Ohio State University Center for Family Research (CFR) developed a unique version of the Global Risk Assessment Device (GRAD) for administration by school personnel to at-large groups of students. This allows for large-scale assessment of youth risks and needs related to nonacademic barriers to success. The proctored school version (PS-1 version) is a paper and pencil assessment administered to students by a proctor. The PS-1 version of the assessment used the youth/student perspective to rate his or her level of risk and is appropriate for youth in grades 5-12. This version contained four domains: Education, Family/Parenting, Peers, and Mental Health issues. From the student assessments, the CFR provided the school with individual risk profiles on each student. Additionally, the CFR compiled a final report on the nonacademic barriers to student success (aggregated at both the individual school building as well as the overall district) within the school population and provided recommendations for addressing these more global concerns.

Participating Schools: Franklin County: Columbus City.

Ohio State Contact: Center for Family Research, College of Education and Human Ecology, 614-292-5620.

Great War in Global Context

The Great War in Global Context was a summer institute for high school teachers held July 12-16, 2010 on the Ohio State campus. This program was made possible with the generous support of the Ohio Humanities Council, a state affiliate of the National Endowment of the Humanities. Fifteen teachers from around Ohio took part. Alan D. Beyerchen was the lead instructor, and HTI Director Stuart Hobbs organized the program. Participants studied World War I in all its military, diplomatic, political, and cultural complexity through Dr. Beyerchen's lectures, secondary source readings, maps, film, and a variety of primary sources including memoirs, documents, art, and poetry. Teaching Fellow Jon Weithman of Marysville High School facilitated discussions among participants about how to engage their students with the history of the Great War. One teacher commented, The depth of information was so helpful. As teachers in high school we tend to do survey-style courses, so having deep content instruction was great—and needed. The Military information was wonderful, and the entire week was aimed toward teachers, not just a generic audience.

Participating Schools: Athens County: Nelsonville-York City—Nelsonville-York High. Franklin County: Columbus City—East High, West High; Reynoldsburg City—Reynoldsburg High. Licking County: Licking Heights Local—Licking Heights High. Lucas County: Sylvania City—Sylvania Northview High. Montgomery County: Dayton City—Longfellow Alternative High. Richland County: Mansfield City—Mansfield Senior High. Seneca County: Fostoria City—Fostoria High. Summit County: Cuyahoga Valley Christian Academy. Union County: Marysville Exempted Village—Marysville High. Wood County: Bowling Green City—Bowling Green High.

Ohio State Contact: Department of History, College of Arts and Sciences, 614-688-3092, hit.osu.edu/world-war-one/main. External Partner: Ohio Humanities Council.

Higher Education Partnership

The Higher Education Partnership formally links 10 higher education institutions with Columbus City Schools to address P-16 issues in urban education. Charter members The Ohio State University, Otterbein College, and Columbus State Community College were joined by Ashland University, Capital University, Columbus College of Art and Design, DeVry University, Franklin University, Ohio University, and Ohio Dominican University. Its goals are to improve student performance, assist in teacher professional development, and develop a strategic research program in Columbus City Schools.

Participating Schools: Franklin County: Columbus City

Ohio State Contact: P-12 Project, College of Education and Human Ecology, 614-688-3621, highereducationpartnership.org/index.htm. External Partners: Otterbein College, Columbus State Community College, Ashland University, Capital University, Columbus College of Art and Design, DeVry University, Franklin University, Ohio University, Ohio Dominican University.

Implementing a Comprehensive System of Learning Supports in Mansfield City Schools

The Ohio State University College of Social Work (OSU-CSW), in partnership with the Ohio Department of Education (ODE), conducted a pilot implementation process focused on building capacities in relation to the recently adopted Comprehensive System of Learning Supports (CSLS) Guidelines. The guidelines provide an expanded school improvement model that emphasizes improving academic outcomes; addressing barriers to learning; and promoting positive youth development. As a selected pilot site, Mansfield City Schools (MCS) worked extensively with OSU-CSW to plan for CSLS implementation. The implementation process for MCS began with a needs assessment of nonacademic indicators of academic success. With technical assistance and consultation from OSU-CSW, MCS collected data from staff and students. Guided by the data, teams within the district then utilized strategic planning methods to develop specific goals and action steps in relation to this assessment. MCS instituted several innovations in response to the needs assessment. These include (1) prioritizing school climate in planning; (2) restructuring district- and building-level teams to support planning; (3) revising roles and responsibilities to address nonacademic barriers to learning; (4) developing new action steps to increase the effectiveness of student support personnel; and (5) creating a district-wide team and plan for data collection and management.

Participating Schools: Richland County: Mansfield City.
Ohio State Contact: College of Social Work, 614-292-8596, csw.osu.edu/cayci/. External Partner: Ohio Department of Education.

Ohio Association of College Admission Counseling

Ohio State Newark is an institutional member of OACAC, whose mission includes improving the transition from high school to college, and, in particular for Ohio, improving the rate of students who attend college. Activities of the council include workshops and an annual conference.

Participating Schools: All Ohio high school and college counselors.

Ohio State Contact: Office of Undergraduate Admissions and First Year Experience, Ohio State Newark, 740-366-9123.

Ohio State Public School Partnership Advisory Committee

This committee consists of middle and high school teacher leaders from central Ohio school districts in the subject areas of art, English/language arts, foreign languages, information science, science, and social studies. The committee, joined by Ohio State faculty and administrators from across campus and involved in university p-12 partnerships, meets two to three times per year to discuss how to explore opportunities for public school teachers and Ohio State faculty in the arts and sciences to work together on projects of mutual interest, such as professional development, cooperative research, campus visits, cooperative teaching, etc.

Participating Schools: Delaware County: Big Walnut Local, Olentangy Local. Franklin County: Columbus City, Dublin City, Gahanna-Jefferson, Grandview Heights City, Hamilton Local, New Albany-Plain Local, Reynoldsburg City, South-Western City, Upper Arlington City, Westerville City, Worthington City.

Ohio State Contact: Office of Academic Affairs, 614-688-5557, oaa.osu.edu/communitypartnerships/teachers.html. Ohio State Partner: P-12 Project, College of Education and Human Ecology.

Truancy Reduction and Dropout Recovery Assistance through Programming

The Ohio State University Center for Family Research (CFR) adapted the Growing Up FAST program for use in school settings. Growing Up FAST is an evidence-based initiative designed to help families with adolescents navigate through both common developmental demands and specialized needs related to at-risk behaviors. This program targets middle and high school students at risk for academic difficulties related to educational motivation or attendance difficulties (absenteeism and truancy), as well as those individuals who have dropped out of school and are in the midst of developing a graduation plan. The program focused on facilitators working with the student and selected caring adult (family member, mentor, teacher, etc.) to define what it means to the student-adult dyad to be a successful student, to identify ways that they are already being successful in this definition, and identify a way to improve with just a little additional effort. The facilitators work with the students on problem-solving skills. CFR staff trained school personnel (including counselors and teachers) to be facilitators for the student-adult dyads and to be able to use program skills to reinforce student commitment to and investment in the educational process and end educational goals. Regular supervision by facilitators during the initial implementation process was provided.

Participating Schools: Franklin County: Virtual Community School of Ohio.

Ohio State Contact: Center for Family Research, College of Education and Human Ecology, 614-292-5620.

TEACHING RESOURCES

Bakery Shop

Collaboratively developed by WOSU Public Media, the Advanced Computing Center for the Arts and Design (ACCAD) at The Ohio State University, and the Ohio Council on Economic Education, The Bakery Shop is an educational website where students learn how resources can be used in various ways, identify goods and services, and recognize money as a medium of exchange for goods and services. The content is grounded on basic economic concepts and is targeted to students in Grade 2.

Participating Schools: Available to any districts/schools/youth.
Ohio State Contact: WOSU Public Media, Office of University Communications, 614-292-9678, www.thebakeryshop.org. Ohio State Partner: College of Arts and Sciences, Advanced Computing Center for the Arts and Design. External Partner: Ohio Council on Economic Education.

Beyond Penguins and Polar Bears

Beyond Penguins and Polar Bears is a free online professional development magazine for elementary teachers that focuses on preparing teachers to teach polar science concepts by integrating inquiry-based science with literacy teaching. Issues focus on standards-based science and content-rich literacy learning through engaging science activities, compelling images, rich text, and multimedia resources such as podcasts and videos. The project is funded by the National Science Foundation.

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

Ohio State Contact: School of Teaching and Learning, College of Education and Human Ecology, 614-247-7893, beyondpenguins.nsd.org/. Ohio State Partners: Ohio Resource Center for Mathematics, Science, and Reading; Byrd Polar Research Center. External Partners: COSI (Center for Science and Industry) Columbus; Upper Arlington Public Library; National Science Digital Library (NSDL) Core Integration team at Cornell University, National Science Digital Library.

Byrd Polar Research Center Learning Center

The Learning Center in 136 Scott Hall is part of an education and outreach program aimed at promoting science and technology in the classroom while also fostering dialogue between scientists, educators, and students at all levels. The center is equipped with SMARTboards, computers, projectors, video cameras, and other technological resources. The BPRC Education and Outreach team offers training in their use and opportunities for direct interaction between scientists, teachers, and students.

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

Ohio State Contact: Byrd Polar Research Center, Office of Research, 614-247-4571, bprc.osu.edu/education/learning_center.php.

Chinese Culture Boxes

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

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

Ohio State Contact: Institute for Chinese Studies, Office of International Affairs, 614-688-4253, china@osu.edu, ics.osu.edu/k_12.html.

Cold Cases: Exploring Social Studies Skills and Methods through the History of Polar Exploration

Cold Cases is a website that makes available to teachers lesson plans for teaching historical skills and methods to high school students using primary sources from the collections of Ohio State's Byrd Polar Archives. The lessons were created by teachers at a workshop held in the summer of 2008. Participants worked with original documents, including letters, diaries, oral histories, reports, and other sources from the collection of the Polar Archives. Working in teams, they selected documents and crafted activity units related to social studies skills and methods dealing with using and analyzing sources. The History Teaching Institute then posted the lessons on its website. The lessons are specific to high school, but could be used in middle school. Primary materials reproduced on the site could be used by teachers in all grades for teacher-created lessons.

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

Ohio State Contact: History Teaching Institute, College of Arts and Sciences, 614-247-9015, hti.osu.edu/byrd/; also links available at bprc.osu.edu/. Ohio State Partner: Byrd Polar Research Center.

Contemporary Physics Education Project

The Contemporary Physics Education Project (CPEP) has produced a chart of fundamental particles and interactions and a chart for fusion energy. Teachers seeking help in teaching about energy-related issues should consider ways to use materials available from the Contemporary Physics Education Project (CPEP). Both web-based and paper-based materials are available in addition to the CPEP charts that can help teachers design their own presentations and/or be used with students. Some materials are available from CPEP, some from other sources.

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

Ohio State Contact: Contemporary Physics Education Project, College of Arts and Sciences, Ohio State Marion, 614-005-6250, www.cpepweb.org/.

Eastern European, Russian, and Central Asian Themed STEM Box

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

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

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

Foreign Language Ohio Resource Center

The Foreign Language Ohio Resource Center website provides Ohio foreign language teachers with resources that they can use to implement the Ohio Foreign Language Standards in their classrooms. The site contains standards-based lesson plans and assessments, a list of practical FAQs, and information about advocacy.

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

Ohio State Contact: Foreign Language Center, College of Arts and Sciences, 614-292-4361, florc.osu.edu/.

Global Education Resources

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

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

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

History Teaching Institute Website

The History Teaching Institute at The Ohio State University is the P-16 portal of The Harvey Goldberg Program for Excellence in Teaching at the Ohio State University. Over 1,000 visitors use the site each month. The content reflects partnerships with the Billy Ireland Cartoon Library and Museum, the Byrd Polar Archive, the Ohio Humanities Council, teachers from several school districts, the Ohio Historical Society, and the Clark County and Tri-County Educational Service Centers. The website contains History Lesson Plans—primary source-based lessons related to European history since 1450 and United States history. All are tied to the Ohio Academic Content Standards. Of special note are (1) The Oppor Project: Using Editorial Cartoons to Teach History includes standards-based, teacher-created, primary source lessons based on editorial cartoons covering more than a century of American history from OSU's Cartoon Library and Museum and (2) Cold Cases: Lessons in Historical Skills and Methods presents five lesson plans that teach historical methods using documents and images related to polar exploration from the OSU Byrd Polar Archive. Other contents of the website include Professional Development—information on projects funded by the U.S. Department of Education's Teaching American History program; and Resources—links to other sites that include high-quality information and lesson plans.

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

Ohio State Contact: Department of History, Goldberg Program for Excellence in Teaching, College of Arts and Sciences, 614-292-2674, hti.osu.edu/.

Institute for Japanese Studies/JASCO Resources for P-12 Educators Teaching about Japan

The Institute for Japanese Studies, in conjunction with the Japan-America Society of Central Ohio, maintains a wide variety of resources and services for use in classroom education about Japan, including lesson plans, a lending library, and professional development workshops. They also maintain a comprehensive list of other institutions' resources that will interest educators teaching about Japan.

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

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

Interactive Web Resources Aligned to Ohio Content Standards

This website provides links to interactive activities that are directly aligned to the Ohio Content Standards. It is organized by grade level (pre-K-2, 3-5, middle school, high school) and subject (math, science, language arts, social studies).

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

Ohio State Contact: College of Education and Human Ecology, Ohio State Lima, 419-995-8229, www.lima.ohio-state.edu/academics/education/ed_inactivelinks.html.

Japan Culture Boxes

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

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

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

Middle School Portal 2: Math and Science Pathways

The Middle School Portal 2: Math and Science Pathways (MSP2) project supports middle grades educators with high-quality, standards-based resources and promotes collaboration and knowledge-sharing among its users. Educators use MSP2 to increase content knowledge in science, mathematics, and appropriate pedagogy for youth ages 10-15. MSP2 employs social networking and digital tools to foster dynamic experiences that promote creation, modification, and sharing of resources, facilitate professional development, and support the integration of technology into practice. MSP2 also includes the development of virtual learning experiences designed for middle school-aged youth through which young people increase their ability to explore, discover ideas, solve problems, think critically, communicate, use technology in a productive and responsible manner, and become globally aware. These experiences will help them become aware of educational pathways that lead to careers in science, mathematics, and technology.

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

Ohio State Contact: School of Teaching and Learning, College of Education and Human Ecology, 614-688-3485, msteacher2.org, smartr.edc.org. External Partners: National Middle School Association, Education Development Center, Inc., National Science Foundation.



Ohio School Leaders

The purpose of the Ohio School Leaders website is to provide information to support school leaders and others who are seeking data and other information to improve student learning in their schools. The site houses Measure Up, the electronic version of the Ohio Department of Education's Local Report Cards for Local Education Agencies in Ohio. This resource is updated yearly to include the latest Local Report Card data for all of the districts and schools in Ohio. Measure Up includes graphs of Local Report Card data for five years to help districts and schools determine the progress or lack thereof that they are making in their efforts to educate all children including those with disabilities. Measure Up is available for free download at www.ohioschoolleaders.org/, hosted for the Ohio Department of Education by the Center for Special Needs Populations (CSNP) at The Ohio State University. Listings for education conferences and meetings as well as grant opportunities are kept updated on this site. Visits to the website as well as the number of downloads of Measure Up are kept on a regular basis. In 2010, there were 7,095 absolute unique visitors and 11,084 visits to the site. Superintendents and principals as well as other educators praise Measure Up as the charts and graphs that are included allow them to share educational progress with their staff members, parents, and other constituents such as school board members.

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

Ohio State Contact: Center for Special Needs Populations, College of Education and Human Ecology, 614-292-7510, www.ohioschoolleaders.org/. External Partner: Ohio Department of Education.

Opper Project

The Opper Project is a partnership between the Cartoon Research Library, the History Teaching Institute of The Harvey Goldberg Program for Excellence in Teaching in the History Department, and the Association of American Editorial Cartoonists. The goal of the project is to make editorial cartoons accessible and usable to K-12 classroom teachers across the United States, not just as illustrations but as significant primary sources for understanding the past. Cartoons from the Cartoon Research Library have been digitized and posted on the History Teaching Institute website along with teacher-created lesson plans, worksheets, and information on the history of editorial cartoons.

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

Ohio State Contact: Cartoon Research Library, University Libraries, 614-292-0538, cartoons@osu.edu, hti.osu.edu/opper/. Ohio State Partner: College of Humanities, Department of History, History Teaching Institute.

Principal's Office

This website brings timely and relevant information to school principals. The website hosts content such as a monthly checklist to assist principals with to-do items throughout the year, information about the political landscape in Ohio and beyond, practical advice about daily school management, and relevant articles and books focused on school leadership.

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

Ohio State Contact: P-12 Project, College of Education and Human Ecology, 614-688-0474, principal@osu.edu, principalsoffice.osu.edu.

Slavic Studies In-school Presentations and Artifact Boxes

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

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

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

Statewide Career-Technical Education Testing Using the Internet

This project consists of multiple-choice tests that are delivered using the Internet or print. Tests are aligned to occupational content standards developed by the Ohio Department of Education.

Participating Schools: Available to Ohio Career-Technical Planning Districts.

Ohio State Contact: Center on Education and Training for Employment, College of Education and Human Ecology, 614-292-9072, www.webexam.org, www.cete.org.

TeachGlobalEd.net: Online Resources for Global Educators

The online modules were developed to provide teachers with easy access to high-quality scholarship, primary sources, and web-based connections to five world regions. All the resources in the modules are recommended by Title VI national resource centers. Only some of the resources are appropriate for middle and high school students. The site is organized by region and by global topic and it is connected to a global educators' listserv called World727 where teachers talk about resources, pedagogy, and issues in teaching world cultures, global events, world history, and related topics.

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

Ohio State Contact: Social Studies and Global Education Program, College of Education and Human Ecology, TeachGlobalEd.net. Ohio State Partners: Center for African Studies Center, East Asian Studies Center, Center for Latin American Studies, Middle East Studies Center, Slavic and Eastern European Studies Center. External Partners: Longview Foundation, Battelle Corporation.

U.S. Polar Rock Repository Website

The Repository website contains teachers' guides and activities for elementary school students about Antarctica and a Web Expedition for high school students. These activities are designed to use as a supplement to Earth Science courses. The materials are aligned with national and Ohio educational standards. Teachers can also find information about touring the repository and borrowing an Antarctic Rock Box, which contains rocks from Antarctica.

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

Ohio State Contact: Byrd Polar Research Center, U.S. Polar Rock Repository, Office of Research, 614-292-5348, curator@bprc.mps.osu.edu, bprc.osu.edu/emuwebusprrr/pages/usprrr/Query.php. Ohio State Partner: College of Mathematical and Physical Sciences, School of Earth Sciences.

STUDENT TEACHING/INTERNSHIPS

Exchange of Services Agreement—Ohio State Mansfield

Ohio State Mansfield's education department provided fee authorizations for area teachers to apply towards graduate coursework. These tuition vouchers were earned by school districts participating in OSU-Mansfield field experiences. Area teachers used \$26,839 worth of tuition-waiver monies for professional development opportunities at Ohio State.

Participating Schools: 27 schools in north central Ohio.

Ohio State Contact: Education Department, College of Education and Human Ecology, Ohio State Mansfield, 419-755-4270.

First Education Experience Program—Columbus Campus

FEEP provides interested university students with 10 weeks of intensive, onsite experience with the school professions. Students work directly under the supervision of expert and experienced teachers, principals, school psychologists, school counselors, school nurses, school social workers, and other school professionals. Students spend 3 hours each day for 4 days each week, in the schools with their cooperating school professional. Different schools are used each quarter. Every year the FEEP program provides approximately 31,000 hours of classroom support for the teachers and students of five Franklin County school districts.

Participating Schools: Franklin County: Columbus City, Hilliard City, South-Western City, Upper Arlington City, Whitehall City.

Ohio State Contact: School of Physical Activity and Educational Services, FEEP, College of Education and Human Ecology, 614-292-9964, ehe.osu.edu/PAES/fEEP.

Graduate Education Field Experience Courses: Early Childhood M.Ed. and Middle Childhood M.Ed. at Ohio State University-Mansfield

Across Autumn, Winter, and Spring Quarters, OSU-Mansfield M.Ed. students complete a minimum of 370 hours of supervised field experience in local classrooms. All field experiences are integrated with Ohio State University methods courses and are supervised by faculty, graduate teaching assistants, and area school teachers.

Participating Schools: Richland County: Lexington Local; Lucas Local; Madison Local; Mansfield City; Shelby City; independent—Discovery School, Mansfield Christian Elementary.

Ohio State Contact: Education Department, College of Education and Human Ecology, Ohio State Mansfield, 419-755-4270.

K-2 Science Standards Taught in the Context of Drinking Milk

The objective of this event was to give preservice educators a real-life opportunity to teach and enhance the transfer of learning, while improving agricultural literacy in young urban children. To achieve this goal, a partnership with the Columbus School for Girls was created. Ohio State students enrolled in Agricultural and Extension Education 530.01 created daily teaching plans for their teaching laboratories and then visited the first-grade classes early in the term. The future Extension educators conducted a demonstration with first-grade girls on how fat globules transform from a liquid state into real butter. With this experience and material learned in the course, the preservice educators improved their teaching methods. During the last week of the course, the first-grade girls engaged in the K-2 science standards at the university's dairy farm, a non-traditional, contextual learning environment. Content of the context-based dairy addressed science standards; each group focused on a different benchmark or standard. This collaboration built relationships between elementary teachers and future Extension educators, while incorporating real teaching of young students about agricultural literacy.

Participating Schools: Franklin County: Columbus School for Girls.

Ohio State Contact: Department of Human and Community Resource Development, College of Food, Agricultural, and Environmental Sciences, 614-292-6321.



Master Exchange of Services Agreement

The College of Education and Human Ecology, along with the Franklin County Superintendents Association and the Franklin County Teachers Associations has maintained a long-standing exchange of services agreement that allows the college to place clinical preservice candidates in Franklin County schools. In exchange for these clinical placements, the college provides professional development services in school districts. The professional development is defined as fee authorizations that can be used for on-campus tuition in appropriate career-related coursework. It is also defined as providing customized courses delivered off campus within the school districts. School districts collaborate with Ohio State faculty to customize graduate coursework for their licensed staff at reduced tuition rates. Professional development credit is also earned by school districts when faculty or graduate students conduct research in participating school districts.

Participating Schools: Franklin County: Bexley City, Canal Winchester Local, Columbus Catholic Diocese, Columbus City, Dublin City, Eastland-Fairfield Career Center, Educational Service Center of Central Ohio, Gahanna-Jefferson Public, Grandview Heights City, Groveport Madison Local, Hamilton Local, Hilliard City, New Albany-Plain Local, Reynoldsburg City, South-Western City, Upper Arlington City, Westerville City, Whitehall City, Worthington City.

Ohio State Contact: Office of Outreach and Engagement, College of Education and Human Ecology, 614-292-2581, outreach-placement@ehe.osu.edu, ehe.osu.edu/outreach/schools-network/.

Ohio State Lima/Lima City Schools Professional Development Partnership

The Professional Development School (PDS) program is a partnership between the Ohio State University at Lima, Lima City Schools, and Wapakoneta Schools. In its third year the program engaged 26 preservice Early childhood and middle childhood M.Ed. students in a year-long internship in partner schools' K-8 classrooms. Teacher candidates complete 30 credits of coursework as they teach onsite in a school throughout their master's degree program. This intensive field-based program allows teacher candidates to enter professional practice opportunities by working with expert practitioners while they immerse themselves into the schools' culture, develop deeper understanding of student learning, and engage in meaningful experiences from which they can draw when they enter the profession as a first-year teacher. Through onsite courses and joint school-based projects, the PDS program allows school and university educators to engage collaboratively in research and rethinking of practice, thus creating an opportunity for the profession to expand its knowledge base by putting research into practice and practice into research. PDS students, cooperating teachers, and university faculty participate in professional development workshops and courses offered for educators at the university and through the school districts, further enhancing the culture of professional learning within schools that will better meet the unique needs of today's students.

Participating Schools: Allen County: Lima City. Auglaize County: Wapakoneta City.

Ohio State Contact: School of Teaching and Learning, College of Education and Human Ecology, 419-995-8274, 419-995-8125, www.lima.ohio-state.edu/academics/education/ed_MED_PDS.html.

Preservice Teaching Experiences

Franklin County schools hosted preservice teachers from over 20 different Ohio State academic programs in their classrooms earning over 4,000 tuition authorizations for their professional staffs. The programs included Art Education, Early Education Programs, Family Consumer Sciences Programs, First Education Experience Program, Foreign Studies Language Programs, Integrated Business Programs, Hearing Impaired Programs, Vision Impaired Programs, Middle Childhood Programs, Math and Science Programs, Music Programs, Physical Education Programs, Adapted Physical Education Programs, Speech/Hearing and Language Programs, Technical Education Programs, Dance Programs, Drama Programs, English Programs, English as a Second Language Programs, Social Studies Education Programs, Special Education Programs, School Counseling Programs, and Clinical Counseling Programs.

Participating Schools: Franklin County: Bexley City, Canal Winchester Local, Catholic Diocese of Columbus, Columbus City, Dublin City, Eastland-Fairfield Career Center, Educational Service Center of Central Ohio, Gahanna-Jefferson Public, Grandview Heights City, Groveport Madison Local, Hamilton Local, Hilliard City, New Albany-Plain Local, Reynoldsburg City, South-Western City, Upper Arlington City, Westerville City, Whitehall City, Worthington City.

Ohio State Contact: Office of Outreach and Engagement, College of Education and Human Ecology, 614-292-2581, outreach-placement@ehe.osu.edu, ehe.osu.edu/outreach/schools-network/.

168 Project ASPIRE (Apprenticeships Supported by Partnerships for Innovation and Reform in Education): A Teacher Quality Partnership in Ohio

The goal of Project ASPIRE is to reform the preparation of teachers (preservice through induction) by engaging innovative partners on campuses, in schools, and the community by creating guided apprenticeships that support the preparation of new and prospective teachers in preservice programs at both prebaccalaureate and graduate levels, and with continuity across the critical first 4 years of a teacher's career. Project ASPIRE will strengthen Columbus City School's teaching workforce in key, targeted areas of staffing needs; and, play a leadership role in the development of a mandated, statewide 4-year residency for new teachers in Ohio. A coaching model will be designed with mentor teachers to create a smooth pipeline from preservice to resident educator licensure to professional licensure. Specific outcomes include (1) graduate 600 teachers in eight licensure areas, with special emphasis on teachers targeting the project's identified high-need content areas (including mathematics, science, and foreign languages) at the prebaccalaureate level; and (2) graduate 120 Teaching Residents (mathematics, science, and foreign language) to initially meet Columbus City School's hiring objectives in Foreign Language Immersion schools and STEM high-need schools. A collaborative data collection system will incorporate state- and district-level teacher performance standards and assess the effectiveness of student learning through value-added assessment. The project is in the second year of a 5-year grant from U.S. Department of Education Teacher Quality Partnership Program.

Participating Schools: Franklin County: Columbus City.

Ohio State Contact: School of Teaching and Learning, College of Education and Human Ecology, ohioaspire.org/. Ohio State Partner: College of Arts and Sciences. External Partners: Columbus Education Association, Ohio Resource Center, Ohio Department of Education, Ohio Board of Regents, Battelle for Kids, Nationwide Insurance, Granville Studio for Visual Arts.

Student Teaching Internship (ED T&L 885.20/885.70)

Culminating full-time teaching internship in M.Ed. programs. OSU students complete 440 hours of supervised student teaching experiences in local schools.

Participating Schools: Richland County: Clear Fork Local—Bellville Elementary; Madison Local—Mifflin Elementary, Wooster Heights Elementary, Madison Junior High; Ontario Local—Ontario Middle; Plymouth-Shiloh Local—Shiloh Middle; Shelby City—Shelby Intermediate; Toledo Catholic Diocese—St. Peter Junior High.

Ohio State Contact: Education Department, College of Education and Human Ecology, Ohio State Mansfield, 419-755-4270.

Undergraduate Education Field Experience

Courses: BS.Ed. in Early and Middle Childhood Education at Ohio State Mansfield

Students enrolled in the Early Experience Program (EduPAES 289.01 and EduPAES 271), in Reading Foundations (EduT&L 668), and in Senior Block (Advanced Field Experience, EduT&L 489.10 & Phonics, EduT&L 669) complete concurrent field placements, totaling approximately 250 hours of supervised field experience.

Participating Schools: Richland County: Clear Fork Valley Local; Galion City; Lexington Local; Madison Local; Mansfield City; Toledo Catholic Diocese—St. Peter Elementary.

Ohio State Contact: Education Department, College of Education and Human Ecology, Ohio State Mansfield, 419-755-4270.