

Ohio State Opportunities

Opportunities for K-12
teachers and students in
the arts and sciences

Spring/Summer 2010



For Teachers and/or
Their Classes

Arts

College of the Arts

arts.osu.edu

Click on "events calendar"

OSU Urban Arts Space

50 West Town Street

uas.osu.edu/programs/schoolengagement

See website for educator PowerPoints and contact Urban Arts Space to set up a follow-up tour.

Contact: Shawna Schonauer
e-mail: uaseducation@osu.edu

Ohio State's College of the Arts offers a wide range of public events. Some, have admission fees. Others, like the Outdoor Jazz Series @ Mirror Lake are free.

In an effort to provide educators with classroom resources, the education team at UAS has developed educator packets with slide shows of current exhibitions, including background on art and artists, and an invitation for partnership. An archive of PowerPoint presentations can also be found on the website k-12 school engagement page.

CarryOut Art Gallery - We bring the art to you!

In keeping with the mission of the Space to provide accessible art experiences for everyone, CarryOut Art Gallery is designed to take the gallery to people who cannot visit the Space. The main components of CarryOut Art Gallery are a slide show of artworks, an art activity, and a physical example of artwork from or related to the exhibition.



The Arts Initiative at Ohio State

osuartsinitiative.blogspot.com/

Our charge is to advocate for the arts and impact our community, both local and global.

Wexner Center for the Arts

1871 North High Street

http://wexarts.org/learn/for_teachers/?categoryid=29,12**Summers Only Masters Program in Music Education**music.osu.edu/node/100**OSU String Teachers Workshop**music.osu.edu/node/125**Atlanta String Teacher Workshop**music.osu.edu/node/126

College Preparation

Be Ready for College

(614) 688-4488

osu.edu/access/teacher_resources.php**Access to Education**osu.edu/access**Know How to Go**Knowhow2go.org/**P12 Project**P12.osu.edu/resources.php#schoolpartnerships

June 9-11, 2010

Hip-Hop in the Classroom

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 School of Music at The Ohio State University offers **Year-Round and Summers-Only Masters Programs** in Music Education. Designed for working professionals, graduate non-degree students are encouraged to join us in our summer courses or workshops.

July 11-17, 2010

Hands-On Learning!

Daily development of playing skills - including two levels of secondary teaching classes and two levels of secondary playing classes

Daily labs to refine:

- Heterogeneous Teaching Skills
- Chamber Music Coaching Skills
- Electric Lab
- Conducting Lab
- Technology Lab
- Multiple Sessions for the Non-String Player
- Read over 100 Pieces for School Orchestra

July 19-22, 2010

Atlanta String Teacher Workshop

Duluth High School near Atlanta, Georgia

Spend three exciting days developing your string/orchestra teaching, conducting, and playing skills with the best!

If you've got the academic skills, there are a **host of resources** available to high school students and their parents to make Ohio State a reality, no matter their financial circumstances.

A statewide effort offering students and families information about **how to prepare for college**, beginning in sixth grade.

“The Ohio State University School Partnerships 2009 Summary” describes programs and projects from the 2009-2010 school year, demonstrating Ohio State’s **involvement with schools, school districts, or school-age children and youth** through hundreds of cooperative efforts in all 88 Ohio counties and beyond.

World Languages

Collaborative Articulation Assessment
caap.osu.edu/online.html

Foreign Language Center
flc.osu.edu/flc/index.htm

Summer Programs East Asian Concentration
deall.osu.edu/programs/summerPrgm/default.cfm

Institute for Collaborative Research and Public Humanities
 George Wells Knight House
 104 E. 15th Avenue
 For a full schedule of events, please visit
icrph.osu.edu/events/default.cfm

Summer Seminars Abroad For Spanish Teachers
people.cohums.ohio-state.edu/morgan3/ssast.html

Mathematics

EMPT
empt.org

Calculus & Mathematica
socrates.math.ohio-state.edu

Collaborative Articulation Assessment Project online practice tests and Early Assessment Measures Exams are available to member schools and give students of third-level French, German, and Spanish the opportunity to practice their skills and obtain valuable feedback in the categories of reading, listening, and writing.

Ohio State's Foreign Language Center is at the heart of much of the teaching of foreign languages at Ohio State. Please visit the Center's web site for lists of current events and projects in the teaching and learning of foreign languages.

June 21-August 20, 2010
Summer Programs
 Learning Japanese Language
 Learning Chinese Language
 Teaching Japanese
 Teaching Chinese

May 1, 2010 - May 2, 2010
The Teaching of Modern Greek Literature
 9:00 am -- Knight House
 Contact jusdanis.1@osu.edu

June 27-August 12, 2010
Granada, Nicaragua
 The purpose of the program is to provide selected students with an opportunity to analyze and practice the Spanish language in a natural linguistic and cultural context, and to receive university credit for that experience.

The Ohio Early College Mathematics Placement Testing Program is a high school mathematics intervention program designed to help high school students make decisions about taking mathematics courses while still in high school.

A **calculus distance-learning program** available at Ohio State for Ohio State students at regional campuses or qualified high school students within the state of Ohio. High school students participate

Sciences

Museums

Biological Sciences Greenhouse Tours

322 W. 12th Avenue
biosci.ohio-state.edu/pcmb/greenhouse/

Byrd Polar Research Center

108 Scott Hall
 1090 Carmack Road
bprc.osu.edu/education/

Orton Geological Sciences Museum

155 South Oval Mall
earthsciences.osu.edu/facilities.php

Ohio State Planetarium

5th floor of Smith Laboratory
 140 West 18th Avenue
www.astronomy.ohio-state.edu/Planetarium

Activities

Stone Lab Summer Courses for Teachers

stonelab.osu.edu/courses/

Inquiry into Astronomy

Professional Development Programs at COSI

www.cosi.org/educators/professional-development/workshops-k-12/

The **conservatory** houses plants native to tropical and desert environments. The collection has 1500 specimens representing over 100 plant families from around the world, including some specimens rarely found in cultivation. There are flowers and fruits year-round and a vast diversity of foliage shapes, sizes and colors.

BPRC is an internationally recognized leader in studies of the polar regions and global change. Through their Education and Outreach Program, they offer tours of the center to school groups as well as visits to classrooms. Teachers from grades 2-6 can also borrow one of the center's Polar Rock Boxes, along with a teacher's guide for use in the classroom.

The **Orton Geological Museum** is a much-photographed symbol of Ohio State and home to the famous chimes. Visitors are greeted by "Jeff," a 7-foot fossil skeleton of the giant ground sloth, *Megalonyx jeffersoni*. Fossils, rocks, minerals, and the geological history of Ohio are all on display. Museum curator Dale Gnidovec provides group tours for school and community groups and also provides identification services for rocks, minerals, and fossils. He also conducts demonstrations and talks for local schools throughout central Ohio and usually speaks to around 3,000 students per year.

The Ohio State Department of Astronomy has a **70-seat planetarium** located on the 5th floor of Smith Laboratory on the OSU campus, and a 12-inch Meade telescope located in a dome atop Smith Laboratory. While both are primarily used for teaching, we offer a limited number of special planetarium and telescope observing programs throughout the year.

Stone Lab offers a variety of one-week courses for educators in Geological Sciences, Entomology, and Evolution, Ecology, and Organismal Biology (EEOB).

Including:

Earth Sciences 583.03 (Geologic Setting of Lake Erie)

Earth Sciences 584 (Principles of Oceanography for Educators)

July 13–14, 2010 (8am – 4pm)

Recommended for teachers of grades 8–12

Work with professional astronomers from OSU to learn more about the universe, including gravity, light and spectra, our solar system and the often misunderstood expansion of the universe. Make and take your own "Galileoscope."



**Inquiry into Astronomy
Professional Development Programs at COSI**
www.cosi.org/educators/professional-development/workshops-k-12/

Wonders of Our World (W.O.W.)
wow.osu.edu/

[W.O.W.]²

July 13–14, 2010 (8am – 4pm)

Recommended for teachers of grades 8–12

Work with professional astronomers from OSU to learn more about the universe, including gravity, light and spectra, our solar system and the often misunderstood expansion of the universe. Make and take your own “Galileoscope.”

W.O.W. is intended to 1) supplement the existing science programs in elementary schools, 2) bring the excitement of science discoveries into the classroom, 3) increase the science materials that elementary school teachers are comfortable presenting to their students, 4) increase the involvement of local scientists, parents and undergraduate science students in important community projects, 5) generate a pathway that gives school teachers easy access to scientists at Ohio State and other local science enclaves, and 6) establish a model for other scientists to assist science programs in other elementary schools.

[W.O.W.]² is an interactive science education program for middle schools, based on the successful W.O.W. for elementary schools.

[W.O.W.]² is interested in central Ohio middle school partners. If your school is interested in joining this program, please contact Susan Olesik at olesik.1@osu.edu.

African American African Studies

**African American African Studies Community
Extension Center**

aaascec.osu.edu/programs/default.cfm



African American and African Studies Community Extension Center Programs are designed to enhance the educational opportunities of students and improve the quality of life for people who live and work in the neighborhoods near and around the Center and Columbus’s urban communities.



June 14-18, 2010
Heritage Center of Clark
County

Back to History Seminar:
Dominion of War

backtohistory.osu.edu/

Teachers will discuss how
various military and
political conflicts have
shaped the development
of the United States

The Goldberg Center is
committed to advancing
cutting edge research,
engaged teaching, and
substantive community
outreach to prepare our
students and other
citizens to become life-
long learners and
responsible leaders in all
walks of life.



Social Studies

History

ehistory.osu.edu/

An ehistory feature of interest to teachers is our **monthly book review section** of a new book of scholarly importance but of interest to a wide audience. These books cover a range of historical topics and periods.

We also host a monthly online "magazine" titled "**Origins: Current Events in Historical Perspective.**" We offer scholars the chance to reflect on and explain the historical context behind a pressing current event. We add images, maps, timelines, and bibliographies to the essay. ehistory.osu.edu/osu/origins/

Ohio Geographic Alliance

geography.ohio-state.edu/oga

The Ohio Geographic Alliance is part of the system of state alliances established by the National Geographic Society after the 1984 "Nation At Risk" report revealed a need to revitalize K-12 geography instruction. The Alliance is made up of several classroom teachers serving as "senior Teacher Consultants" along with geography professionals from universities throughout the state working together to:

- Develop workshops and training institutes for Ohio teachers
- Develop instructional materials for classroom use
- Work with state education leaders to reestablish geography education as a priority
- Conduct the Ohio Geography Bee
- Support Geography Awareness Week
- Support other geography programs for families, students, and teachers

Museum of Classical Archeology

028 Dulles Hall
230 West 17th Avenue
Monday through Thursday 9-3 p.m.
moca.osu.edu/visit.cfm

We invite K-12 and college teachers to bring their students to the museum or encourage them to come on their own anytime during public opening hours. Teachers can talk with a member of the staff about how to plan something special for them. Classes in ancient civilization, history, and art will certainly want to plan a visit to the museum, but courses in many other areas can also benefit from the displays that focus on problem-solving, methods, or how we can learn about the past from material evidence.

Global Resources for Educators

oia.osu.edu/content/view/95/471/

The international programs and offices at Ohio State are committed to providing outreach services to: P-12 educators, business, state and local government, civic organizations, and to the community at large. The Area Studies Centers at OSU are the leaders in these efforts. Each center maintains numerous outreach programs including: video loan libraries, lecture programs, a speakers bureau, seminars for business persons, translation and interpreting referrals, teaching materials, artifact boxes, and workshops for P-12 educators.

For Students Only

Music

Flute Workshops

music.osu.edu/node/122

String Student Workshop

music.osu.edu/node/121

Summer jazz Camp

music.osu.edu/node/123

Practice for Success – Strings Institute

music.osu.edu/node/543

June 20-24, 2010**Deadline for application: May 1st**

The annual Flute Workshop for High School students provides private lessons, master classes, small ensembles, and other activities that will improve the student's knowledge and abilities as a musician. Participants will experience college firsthand for four days with other students who share similar interests.

June 14-30, 2010**For students in grades 4 – 8****Deadline for application: June 5**

Over 1,520 students from throughout the central Ohio area have attended the OSU Morning String Student Workshop in the last 25 years. Parents have found it a great way to increase their children's interest and ability in playing string instruments. See you there!

June 20-24, 2010**Deadline for application: May 20th**

Take advantage of the Summer Jazz Camp for High School Students at The Ohio State University. The five-day camp offers 9th - 12th graders an in-depth study and immersion in jazz, all in a fun-filled environment.

August 8–15, 2010**Deadline for application: May 1st****For students 14-20**

“Practice for Success” is The Ohio State University School of Music workshop for serious string players ages 14-20. OSU string faculty and guest artists join a select group of students on OSU's Mansfield campus for professional training in a positive learning environment.

ARTS

Wexner Center

Summer Kids 2010

wexarts.org/about/news/

OSU Urban Arts Space

Art Explorations

50 W. Town St., Suite 130, Columbus, OH 43215

Katie Poole poole.123@osu.edu

uas.osu.edu, Contact: 614-292-8861

Healthy Kids Contest

uas.osu.edu/program/helpdesignapps

Creativity Funshop

uas.osu.edu

African American & African Studies

S.P.I.T. Spoken-Word Poetry Individual Truths

Summer Enrichment Program

aaas.osu.edu//resources/aaascec/programs/yr2010/enrichment.cfm

Contact Sarah Twitty at 292-1348.



Workshops for ages 6-14

Registration now open

All kinds of creative kids and tweens and teens - including those who've never thought of themselves as artists - will enjoy these week-long, half day workshops at the Wexner.

Saturday, May 15th, 1 to 3 p.m.

Ages 5 to 12

Art Explorations is a monthly family program designed to engage youth and families on a different topic each month, inspired by artwork on display at the OSU Urban Arts Space. This month, local artist Eric Marlow will help us explore making art out of recycled materials. Through his workshop, "Reduce, Reuse, Recyclabits," Eric will teach kids about the environment and how to create toys, games, jewelry, and much more from items we typically throw away. Please RSVP, walk-ins will be accepted only as materials are available. Also, please bring two empty recyclable containers with you.

Design for the Apps for Healthy Kids Contest

May 8, 2010 1-2pm

Parents and children under 15

Ever wanted to be a product tester? Stephanie Owens, a senior student in Ohio State's design program, is developing an online game to help teach children and families about healthy eating and exercise habits and she needs your help! Free and open to all; light refreshments will be provided.

May 29th 2010, 10am-4pm

Grades 9-12

The OSU Urban Arts, partnered with the OSU Design department, is challenging high school students from the Columbus area with a one day workshop to expand creativity and promote design thinking. The day will be full of FUN, hands on, MacGyver like activities that will get students to think outside of the box.

June 14 - 18, 2010, 9:00 am - 4:00 pm

9th & 10th graders

Deadline is Monday, May 3

Spoken-Word Poetry Individual Truths, is a one-week long workshop that will introduce rising ninth and tenth grade students to the art of spoken-word poetry and provide them with a variety of critical, creative, and constructive tools for discovering their individual truths. Readings, lectures, discussions, live performances, field trips, videos, and computers will be used to help students develop the following skills: poetry writing and performance, art of creativity, art of public speaking, multicultural awareness, self-awareness, critical thinking skills, respect of peers.

Mathematics

Ross Mathematics Program
math.osu.edu/ross/index.html

Science and Engineering

The Past Foundation
 Apply online at:
www.pastfoundation.org/current-programs/

June 21 - August 13, 2010

For students ages 14-18

The Ross Program at Ohio State is an intensive summer experience designed to encourage motivated pre-college students to explore mathematics. During those eight weeks, students are immersed in a world of mathematical discovery.

2010 Summer Bridge Programs

For rising 7th-12th graders

June 20-26

Location: OSU Campus with field trips

Curious about bugs? If nature fascinates you then check out the week-long program on Entomology being directed by Dr. Josh Benoit. You'll get to work in the lab and get out into the field collecting all the while staying on the OSU campus.

Rising 7th grade: July 26-30

Rising 8th grade: Aug 2-6, Aug 9-13

Intrigued with the mystery of forensic science? You won't want to miss I Know I Can's summer programs. Solve the crime scene mystery and learn very cool things along the way that you will be able to apply back in your classroom next year.

July 26-3, Aug 2-7, Aug 9-14

Location: Metro High School & OSU Waterman Farm

Committed to new ways of bringing fresh produce to people?

Learn about food from 'seed to table' participating in both the student farm on OSU campus and the Metro Farmer's Market.

July 27-July 3

Location: OSU Campus

Fascinated with technology? Try your imagination on the potential recycling use of plastic bottles and other plastics. Explore the world of advanced polymers and create objects from what people toss in the trash.

July 7-13

Location: Channel, CA

Desirous of adventures on the sea? Strap on your thinking cap and sail aboard the *Bill of Rights* out to the Channel Islands in search of clues about managing the natural and cultural resources so that many generations after us can enjoy them too.

June 13-19

Location: Newport News

Drawn to the past? Join the archaeological crew investigating the cultural landscape of the Chesapeake at a colonial farmstead. See how human habitation, cities and farms have changed the landscape