



# 2011 Summer Workshop

June 13, 14, 15, 16, 2011

Ohio University Lancaster Campus

Presented by  
The Heart of Ohio Tech Prep Consortium

## Engaging Students – Strategies that Work

Welcome to the Heart of Ohio Tech Prep annual summer workshop, designed for Tech Prep, career-technical, and comprehensive school teachers from grades 6-12.

This year's conference "Engaging Students – Strategies that Work," is a four-day learning experience June 13, 14, 15 and 16th from 8:30 a.m. – 4:00 p.m. on each day. The 2011 sessions will focus on how neuroscience research is being applied to the classroom to help students build their brain capacity and accelerate learning; inquiry-based learning science model possibilities for all academic areas; the Ohio STEM Equity Pipeline Project; using the arts and studio thinking to foster 21st century initiatives; the integration of nonfiction texts into classroom lesson plans; the KnowHOW2GO campaign to use with students; learning opportunities SKYPE brings to the classroom instructor; strategies to motivate students to do their best work and be the best person they can be; ways to integrate parents into the academic lives of their students; and a discussion of the uses of technology in education.

If you have questions about the content of the workshop, please contact Marcia Key, Assistant Director, Heart of Ohio Consortium at 740.654.6711, extension 613 or [key@ohiou.edu](mailto:key@ohiou.edu).

Come and join us for the 2011 College Tech Prep Workshop at Ohio University Lancaster Campus.

Marcia Key, Assistant Director

### REGISTRATION DETAILS:

**Registration** – Register online at <http://www.heartofohiotechprep.org/summer.htm> or complete the registration form provided on this informational flyer and return it as specified. If you have any registration questions, please contact Merry Lee Walters, 740.654.6711, ext. 216, or [walters@ohio.edu](mailto:walters@ohio.edu). Registration is limited to 80 participants and priority will be given to Tech Prep educators in the Heart of Ohio Consortium and educators participating in all four days of the workshop. The deadline for registration is May 20, 2011.

**Stipends** – Each qualifying participant will be paid \$75 per day (maximum of \$300 for full participation). You are eligible to receive the stipend if your district has signed the "Consortium Memorandum of Understanding." The stipend check will be mailed to you after completion of the workshop.

**DON'T WAIT! REGISTER TODAY.  
DEADLINE IS MAY 20, 2011.**

## Sessions for Monday, June 13, 2011

### “Brain Fitness: Improve Test Scores”

Martha Burns, Ph.D., Practicing Speech and Language Pathologist, Evanston, IL; Adjunct Professor, Northwestern University

Noted neuroscientist and speech and language pathologist Dr. Martha Burns will discuss the latest findings which show that brain fitness can be done by exercising the brain. Dr. Burns will describe how exercising the brain can improve memory, attention, processing rate and sequencing-cognitive skills essential for learning and reading success. Educators will learn how developing and strengthening these skills can significantly impact student achievement and test scores. Dr. Burns will also address the special needs of students with learning disabilities.

### “Neuroscience and Technology to Accelerate Learning”

Martha Burns, Ph.D., Practicing Speech and Language Pathologist, Evanston, IL; Adjunct Professor, Northwestern University

In this session, Dr. Burns will discuss how neuroscience research is being applied to the classroom to help students build their brain capacity and accelerate learning. She will describe how intensive neuroscience-based technology programs can aid students to quickly acquire language skills for academic success. Dr. Burns has a special talent that allows her to take complex information and present it in a meaningful and practical way.

## Sessions for Tuesday, June 14, 2011

### “Modeling Methods: An Inquiry Approach that can be Implemented in the Classroom”

Sandra Doty, Ph.D., Associate Professor of Physics, Ohio University Lancaster Campus

State standards in K-12 education increasingly advocate for and/or require the use of cooperative inquiry methodologies. Oftentimes, however, practical and effective implementation in the classroom is elusive. In this session, we will introduce the modeling as a method for achieving a practical implementation of inquiry goals. The basic concept of modeling methodology is to familiarize students with a small set of basic models as core content from which all other aspects of the subject matter can be understood. This methodology has its roots in science education. In this session we will demonstrate the application of this methodology to a science content area and explore its application to other academic areas. A sample lesson plan for your area will be developed in the workshop.

### “The Ohio STEM Equity Project”



Ben Williams, Ph.D., Admissions Advisor, Columbus State Community College and Jennifer Spegal, Assistant Dean of Life and Health Sciences, Sinclair Community College

Dr. Williams is the lead for the Ohio STEM Equity Pipeline Project—a statewide initiative to increase participation, persistence, completion, and job placement of adolescent women into high-skill, high-demand, and high-wage STEM fields and careers in Ohio. The project is being piloted in Cincinnati, Dayton and Marietta, Ohio. Joined by Ms. Segal, who is the lead for the pilot program for the Dayton team, they will describe the model and provide information on the



progress of the Ohio Project. They will also share resources to excite, motivate and guide young females and other underrepresented students into STEM careers. The STEM Equity Pipeline Project is funded through the National Science Foundation and administered through the National Alliance for Partnerships in Equity which uses a five-step research-based model to identify and address the local root causes of “leaks” in the pipeline of females into STEM careers. More information can be found at [www.stemequitypipeline.org](http://www.stemequitypipeline.org).

### **Sessions for Wednesday, June 15, 2011**

#### **“Thinking Like an Artist – Designing for 21st Century Skills”**

Cindy Meyers Foley, Director of Education, Columbus Museum of Art

“The greatest danger for most of us is not that our aim is too high and we miss it, but that it is too low and we reach it.” – Michelangelo; “I paint objects as I think them, not as I see them.” - Pablo Picasso

What is it about the way artists think that allows for such generative creativity? How can we as educators, foster the inquiry, fluency and flexibility of ideas, and risk taking that artists employ in order to truly develop 21st century thinkers. With the focus on learning facts, students now have little or no time to develop curiosity, passion, ethical perspectives, and empathy. What could learning look like if the arts played a more central role in education? Until the paradigm shifts, what take-aways (studio rather than classroom; questioning over answering; curiosity: trans-disciplinary research; passion: project-based learning; dealing with irrelevance: making work matter; time: unhurried time to explore why and do best work; and experimental execution) can we borrow from artists in order to not only become more creative teachers but facilitators that teach for creativity?



In this session presented by the Columbus Museum of Art, participants will witness the ways artists think through demonstration and observation to engage in “Studio Thinking” through exercises and projects that can be immediately applied to the classroom. Supporting research will demonstrate how arts learning and “Studio Thinking” can be a core strategy to fostering your school’s 21st century initiatives.

#### **“Think Globally—Impact Locally”**

Jennifer Henson, English/LA Teacher and Shannon Curran, Teacher, Winton Woods High School Freshman Academy



Do you want to learn simple, yet effective strategies for adding the reading of information texts across the curriculum? By integrating texts related to course content, students will easily see the connection between the classroom and real life with a global perspective. These accomplished English/Language Arts teachers will offer strategies to promote active reading to integrate nonfiction texts and to include all learning styles into lesson plans. Participants will leave this session with reproducible activities that can be integrated directly into the classroom. This presentation is highly interactive.



#### **“KnowHow2GOOHIO – The 4 Steps to College”**

Kimberly Gormley, Director, Marketing and Communications and Dessa Augsburger, Assistant Director Development and Communication – Ohio College Access Network (OCAN)

The KnowHow2GOOHIO Campaign has staying power with its easy-to-follow mantra that spells out four

foolproof steps to getting to college using even easier-to-remember creative messaging in print, online, on the radio, and on television. Don't know how to go? 1. Be a pain in the behind. (Find a mentor.); 2. Push yourself. (Take the tough classes.); 3. Find the right fit; and finally, 4. Get your hands on some cash.

Now in its third year, KnowHow2GO has unveiled the third round of creative content, communicating that getting to college requires a level of determination, planning and vision that's not all too UN-familiar for the average "tween" and teen. The message is: "It'll take some hard work, but YOU can do it." Learn all about the KnowHow2GO four steps to college and receive the latest KnowHow2GO resources.

### Sessions for Thursday, June 16, 2011

#### "Parent Integration: A Key to Academic Success"

Lisa Riegel, MAE, President, Educational Partnerships Institute

Research offers robust findings that parents and the home environment account for approximately one half of student achievement. Without establishing a program to integrate parents into the academic lives of their students, schools are wasting an interested and influential resource that can increase student achievement and decrease discipline. Lisa Riegel, author of *No Parent Left Behind*, offers strategies for designing complete and effective parent integration programs at the district and classroom level. She draws on the work of Joyce Epstein and Herbert Walberg, as well as other current research on learning, brain development, gender, asset building and literacy, as she introduces the main reasons students struggle. Using methods from her book, *No Parent Left Behind*, Riegel provides a number of concrete ideas teachers can use to engage parents in their children's education. Her presentation will demonstrate the power of parent programs to enhance achievement and she will offer concrete examples to help educators begin to build their own programs in their classrooms and districts.

#### "Skype in Education"

Lori Dray, Director of Technology, Galion City Schools

Ever wish you could take your students on a field trip to another state or another country? Are you missing parents at parent-teacher conferences? Do you have students whose parents are deployed overseas? Skype can help you with all these concerns. Using Skype in education provides your classroom with a virtual field trip. You can Skype working parents into your parent-teacher meetings. You can Skype classrooms from within your own school district, or better yet, Skype a classroom in another state! Skype allows you to be creative within your own classroom and to bring different cultures to your students. The best thing about Skype is the cost... FREE! All you need is an Internet connection and a computer with a webcam. Imagine the possibilities!

#### "Ethics and Excellence in Education"

Lucy Frontera, Ph.D., Executive Director, Ohio Partners in Character Education

How can we motivate students to do their best work and be the best person they can be? The Ohio Creating Smart & Good Schools Project, a federally-funded four-year research grant, and the Ohio Schools of Character Award Program, have identified a number of best practice strategies for teaching, grading, and assessment to motivate and engage students in their own learning. Learn what practices implemented by these Ohio schools have made an impact on grades, discipline, and school climate.

## “Tools for Transformation”

Debra G. Smith, M.Ed., Assistant Professor Health Technology, Ohio University Lancaster Campus

A discussion of the tools of technology and their application in education is always compelling since the development of these tools continues to delight and amaze. Of course, there are cautions about the use of any if not all of these tools. However, it is important to analyze the why of technology at the same time we debate the how. In this presentation, the instructor will introduce some uses of technology in education that may fuel a discussion about the why that is more informative than the how.



## 2011 Summer Workshop Registration

Please use a separate registration form for each participant.  
June 13, 14, 15, 16, 2011

Name _____	<b>REGISTER NOW!</b> <b>DEADLINE IS <u>MAY 20, 2011</u></b> <b>Questions? Call 740-654-6711, ext. 216 or</b> <b><a href="mailto:walters@ohio.edu">walters@ohio.edu</a></b>
School _____	
Title _____ Subject Area _____	
Grade Level _____	
Home Address _____	
City _____ State _____ Zip _____	
Contact Phone Number (____) _____ Social Security # _____	(needed for stipend contract)
E-mail Address _____	
I will attend _____ all four days _____ June 13 _____ June 14 _____ June 15 _____ June 16	

**Mail to:** Merry Lee Walters  
Ohio University Lancaster Campus  
1570 Granville Pike  
Lancaster, OH 43130

**Fax to:** 740-687-9497

**E-mail:** [walters@ohio.edu](mailto:walters@ohio.edu)

**Administrators** are welcome to attend the workshop any or all days.

**Register Online at <http://www.heartofohiotechprep.org/summer.htm>**