



Project Lead the Way Ohio 2008 Fall Conference

Day 1: Program Session Descriptions

Bridging Gateway to PLTW & Recruiting Women and Minorities

Panel:

Deb Lukjanovs

Program Coordinator, PLTW Ohio State Affiliate

Meg Draeger

Program Manager, Miami Valley Tech Prep Consortium, SCC

This session will cover recruiting practices and resources that will aid counselors in attracting women and minorities, and also give practical tips on how to retain Gateway to Technology students so that they will sign up for PLTW courses at their high school rather than stopping at the middle school level.

Industry Today & STEM/Breadth of Engineering Education

Panel:

Dr. George Sehi

*Dean of Science, Mathematics & Engineering division
Sinclair Community College*

Dr. Dan Evans

Chief -Processing and Fabrication Branch, WPAFB

This discussion will focus on industry's need for students prepared in Science, Technology, Mathematics and Engineering and look at the breadth of engineering courses, programs, and degrees.

Becoming a Master Teacher

Panel:

Dick Blais, *PLTW National- VP for State & Corporate Relations*

Ryan Benroth, *Miller City HS*

This panel will give some insight into the need for, and the requirements to become, PLTW master teachers. New master teacher Ryan Benroth will speak about the application process and his first year as a master teacher.

Ohio Data/WebXam

Presenter:

Dr. Bob Mahlman,

*Interim Director, CEET
The Ohio State University*

Dr. Mahlman will share information on Ohio's new data collection process, revision of the WebXam middle school screens, and the results of the 2007-08 school year data

True Outcomes

Presenter:

Dr. Joy Krueger,

*PLTW National,
Director of True Outcomes Data Collection*

Dr. Krueger will explain the school's reporting responsibilities, the process for entering data, and she will also share data from this past school year.

Developing Mentorships/Internships: Working with Business & Industry

Presenters:

Tom Bratten, *Canton South HS*

Steve Stokey, *Allied Machining*

Steve Bushman, *LUK, Inc.*

Learn how these committed business and school leaders have leveraged their relationships within the community to bring PLTW students into win/win relationships with local industry.

Executive Council Roundtable

Panel:

Dave Powell,

Chairperson, PLTW Ohio Executive Council

This is an opportunity to discuss your program needs, barriers, and ways which you can engage business and industry locally and regionally. This is an open discussion format.



Project Lead the Way Ohio 2008 Fall Conference

Working with Tech Prep

Presenter:

Nenna Davis

College Tech Prep Director, Ohio Department of Education

Perkins V provides a new definition for College Tech Prep, including new application procedures. Ms. Davis will discuss these procedures and provide information on how to work with your local consortium to obtain a College Tech Prep designation.

Preparing for National Certification

Presenter:

Deb Lukjanovs

Program Coordinator, PLTW Ohio State Affiliate

What does it take to become a nationally certified school? What can you expect when you set up an appointment for an evaluative site visit? Find out the answers to these and other questions in this session.

The New STEM Initiative: Biomedical Science

Panel:

Joyce Boudreau,

Education Consultant, Ohio Department of Education

Dr. Bill Tacon, *Senior Program Director, BioOhio*

Mike McDaniel,

Superintendent, Ashland West Holmes Career Center

Take a look at one of Ohio's new Biomedical Science programs – how it is being rolled out, what opportunities there are for schools, and the needs of Ohio's biomedical community's workforce, both now and in the future.

Using Blackboard as a Curriculum Enhancement

Presenter:

Al Fazenbaker

PLTW Teacher, Auburn Career Center, Madison HS

The Blackboard system has increased Mr. Fazenbaker's ability to successfully deliver his PLTW curriculum, and has enhanced his students' PLTW experience and made it more relevant to them. He will share his ideas and successes with other teachers and interested individuals.

Choose Ohio First Scholarship Awards

Presenter:

Dr. Ed Evans

University of Akron

The University of Akron (lead institution) will partner with Baldwin-Wallace College, Stark State College of Technology and Lorain County Community College to attract and graduate an estimated 790 students in STEM fields in five years. The group's proposal, "STEM Undergraduate Engagement in an Engineering Environment," demonstrated innovation in the areas of student learning communities, early academic intervention, redesigned science modules and a cooperative education program that will include more than 90% of its students.

Certificate of Completion & Transcribing Credit

Vicky Korosei

Advising Center, Sinclair Community College

Ed Yager

PLTW Teacher

Ms. Korosei will let counselors in on the process for obtaining credit for PLTW classes on a student transcript from Sinclair Community College. This credit can then be transferred to other institutions. Mr. Yager will discuss his students' success in obtaining and transferring credit with the Certificate of Completion and with Sinclair's process.

PLTW Ohio Student Innovators

Presenter:

Doug Powhida

Design Manager, COSI Experience Division



Project Lead the Way Ohio 2008 Fall Conference

Perkins Reporting

Presenters:

Rick Mangini, Associate Director, CTAE, Ohio Department of Education
Dr. Kathy Sommers, Assistant Director, CTAE

This session is designed to aid schools in complying with the new Perkins reporting and will feature the new Program of Study requirement.

Gateway Summer Academies

Panel:

Bart Aslin, Chief Foundation Officer, Society of Manufacturing Engineers
Tad Douce, River Valley Middle School
Todd Alkire, North Canton Middle School
Betsey Bhasker, Columbus City Schools
Joshua Sarver, COSI

This session focuses on the Gateway Academies' curriculum and activities by highlighting some of the teachers and administrators who hosted camps this year. Mr. Aslin will discuss future opportunities for Ohio schools that may wish to host academies next summer.

Where are PLTW students going? Articulation

Panel:

Dr. Dave Dickinson, Professor Emeritus, The Ohio State University
Chad Weaver, PLTW teacher, Timken HS
Steve Peck, Counselor, Miller City HS

This panel looks at which colleges and universities are articulating college credit, how students can successfully obtain credit for PLTW classes across the state, and what some of their experiences have been with various colleges and universities.

PLTW Ohio Website Updates

Presenters:

Deb Lukjanovs, Program Coordinator, PLTW Ohio State Affiliate
DeeDee Martin, Martin Solutions, Inc.

In this session, we will focus on the improvements and important updates including the addition of teacher resources to the PLTW Ohio website for 2008 and also discuss YOUR ideas for improvements and enhancements to the website.

New Programs

Presenter:

Dr. Kathy Sommers

This session provides practical information both for new programs in 2008-09 and for those schools that may be considering joining PLTW.

Creating 21st Century Communities/iSpace

Presenters:

Dr. Kathy Sommers
Linda Neeman, Director of iSpace

21st Century Communities extend formal STEM learning into community-based activities. This session looks at creative ways to integrate the Gateway Summer Academy into an after school program.
