

Program Session Descriptions

FORD PAS

Ford PAS Live: Poster Session

Ford PAS Community

Learn about the creative ways your community is using Ford PAS and the various opportunities available to Ford PAS community members. This informal session will be an exciting time to share, exchange ideas and resources with Ford PAS school/program sites, partners, students and alumni. You will also have a chance to win a prize by participating in the Ford PAS Live scavenger hunt.

A New Ford PAS Science Course: *Working Toward Sustainability*

Rebecca Lewis, Education Development Center, Newton, MA

Emily McLeod, Education Development Center, Newton, MA

Francis “Bud” Muylaert, West Bloomfield High School,

West Bloomfield, MI

Ford PAS Students

Dan Sorgen, West Bloomfield High School, West Bloomfield, MI

Albert Ware, West Bloomfield High School, West Bloomfield, MI

This summer Ford PAS will roll out *Working Toward Sustainability*, a new course for ninth-grade students. The course’s four modules—*We All Run on Energy*, *Is Hydrogen a Solution?*, *The Nuclear Revolution*, and *Energy from the Sun*—will engage students in investigating fuel sources that can serve as alternatives to fossil fuels. Given the political, economic, environmental, and social concerns over the use of fossil fuels, people are seeking cost-effective and sustainable alternative sources of energy to power their lives. Come and learn more about how this course builds students’ knowledge of the key physical science concepts essential for understanding how energy is stored and used as fuel. This session will include (1) an overview of each module, (2) a hands-on module activity led by a Ford PAS teacher who has pilot-tested the module in the classroom, (3) an opportunity to preview the modules, (4) and a discussion of how this course can be used in schools.

Ford PAS Curriculum Theme: *Living in a Global Economy*

Eliza Fabillar, Education Development Center, Newton, MA

Wendy Nichols, Tolles Career and Technical Center, Plain City, OH

Margaret P. Roberson, Redan High School/Dekalb Schools,

Stone Mountain, GA

Aleida Villarreal, Sidney Lanier High School, San Antonio, TX

Ford PAS Students

Amber Guerrero, Sidney Lanier High School, San Antonio, TX

Samantha Luna, Sidney Lanier High School, San Antonio, TX

Ford PAS communities across the country are increasingly using all or some of the modules from the Ford PAS curriculum theme: *Living in a Global Economy* in existing economics and international business courses. This session will in-

clude: (1) ideas to replicate this effort in your community, (2) a hands-on activity from a relevant module from this theme led by Ford PAS teachers and partners; and (3) a panel discussion with experienced Ford PAS community representatives who have used or supported the use of those modules with different student populations; (4) and presentations by Ford PAS students and alumni who have experienced the modules.

Living in a Global Economy

Economics and
International Business

- Calculating Your Future: Personal Finance
- The Wealth of Nations (13)
- Markets Without Borders (14)
- Global Citizens (15)

Introducing a New Ford PAS Module—*Calculating Your Future: Personal Finance*

Jen Clarke, Education Development Center, New York, NY

Donna Gilley, Metro Nashville Public Schools, Nashville, TN

Lynelle Kreider, La Academia: Lancaster Partnership Charter School,

Lancaster, PA

Carlos Treadway, Ford Motor Credit Company, Dearborn, MI

Ford PAS Students

Jennifer Morales, La Academia :Lancaster Partnership Charter School,

Lancaster, PA

Ashton Williams, La Academia: Lancaster Partnership Charter School,

Lancaster, PA

How do I set financial goals? How will I pay for college? How risky is investing? Will using credit to borrow money help me achieve my goals or keep me from reaching them? These are some of the questions that students in grades 10 to 12 will explore in the new Ford PAS module *Calculating Your Future: Personal Finance*. During this 10-to-12-week module, students apply algebra and data analysis to real-world decisions about spending, saving, investing, and using credit. In this session, you will learn about the rationale for teaching personal finance through the lens of algebraic thinking, and how this math-integrated module can increase students’ understanding of short- and long-term financial goals and foster their capacity to apply algebraic concepts to real-world situations. An overview of the module will be presented, and you will engage in a hands-on activity about credit led by a teacher who has recently pilot-tested this new module in the classroom.

Session Descriptions continued...

Evaluating the Impact of the Ford PAS Curriculum and Program

Eliza Fabillar, Education Development Center, Newton, MA

Beverly Farr, MPR Associates, Berkeley, CA

Lynelle Kreider, La Academia: Lancaster Partnership Charter School, Lancaster, PA

Heidi Nissly, La Academia: Lancaster Partnership Charter School, Lancaster, PA

Rosio Pedrosa, MPR Associates, Berkeley, CA

Laurel Sipes, MPR Associates, Berkeley, CA

Many educators involved with implementing Ford PAS can attest to the positive effects this program has on students. Indeed, there is an abundance of anecdotal examples of the positive effects that Ford PAS has on students, teachers and classrooms. In order for the Ford PAS program to grow and improve, however, it is essential that evaluation mechanisms be put into place where data on the effects of Ford PAS are systematically collected and aggregated across programs. Such data will be invaluable in providing timely feedback to teachers about program implementation and effects on students and can also be used to communicate with key stakeholders who may want to adopt the Ford PAS program within their own setting, provide time or fiscal support to Ford PAS, or help the program further expand and improve.

The purpose of this session will be to provide an overview of a multi-year evaluation effort on Ford PAS that will be undertaken by a team of independent researchers. This session will also provide an interactive opportunity for those involved in implementing Ford PAS to help identify the type(s) of outcomes of interest and ways to facilitate the collection of such data across programs.

Ford PAS Coordinated Learning Experience (CLE): Business Roundtable Discussions

Rita Brincat, Ford Motor Credit Company, Dearborn, MI

Annette Brown, Eisenhower Medical Center, Rancho Mirage, CA

Donna Gilley, Metro Nashville Public Schools, Nashville, TN

Tyrone Golden, Tom Holzer Ford, West Bloomfield, MI

Lynn Hawks, Circle Take Media, Indio, CA

Henry T. Hudson, III, Desert Regional Medical Center, Palm Springs, CA

Deborah McGarry, Sunrise Community Bank, Palm Springs, CA

Sandy Miller, Ace Direct, Palm Springs, CA

Raymond Smith, The Desert Sun, Palm Springs, CA

Carlos Treadway, Ford Motor Credit Company, Dearborn, MI

What is a Ford PAS CLE, its purpose and why should you incorporate them in your Ford PAS program? During this session, you will learn about CLEs and you will participate in an engaging CLE with business representatives from the local community and the national Ford PAS network.

Ford PAS Successful High School Implementation Models

Pete Bermúdez, Miami-Dade Schools, Miami, FL

William Giovannetti, Elk Grove Unified School District, Elk Grove, CA

Maria Luisa Guerra, Edinburg School District, Edinburg, TX

Dr. Steven Ladd, Elk Grove Unified School District, Elk Grove, CA

Gilbert Maldonado, University of Texas-Pan American, Edinburg, TX

Christy Moustris, Elk Grove Unified School District, Elk Grove, CA

Glenn Smith, Ohio Department of Education, Columbus, OH

Ernesto Villarreal, University of Texas-Pan American, Edinburg, TX

What makes a Ford PAS community, partners and school/program sites successful? What are the indicators of success for these Ford PAS Implementation Models? Each panelist will highlight key features of their models including: connections to existing high school redesign efforts and/or other initiatives, community-wide support for the program (administrators, key university representatives, teachers and other stakeholders), on-going professional development, a Ford PAS community culture within entire schools, and much more.

Just Try It On: Planning Sessions

Phyllis Baca, Santa Fe Community College, Santa Fe, NM

Pete Bermúdez, Miami-Dade Schools, Miami, FL

Leah Felcher, Felcher First Class Consulting, Stockbridge, GA

Donna Gilley, Metro Nashville Public Schools, Nashville, TN

Don't be afraid to try something new. This year we have enhanced the planning sessions to provide you an opportunity to learn about all the modules and connect with others who share your same specialty area and/or interest to identify an activity that you will commit to trying—Just Try It On. You are attending the conference as part of a team and will attend different sessions to maximize the experience for your community. There are two working planning sessions (spread across the two days of the conference) to enable you and your team to identify and plan new implementation strategies for your community. Teams will be provided with templates to guide the discussions. Teams will be placed in different breakout rooms based on specialty areas, interests or regions and will also have a mix of new and veteran Ford PAS participants. Several teams will share their Just Try It On plans at the closing session.

Session Descriptions continued...

Dialogue with Ford PAS Students

Ronda Alexander, Ford Motor Company Fund, Dearborn, MI
Ford PAS Students

Antwon Crutcher, Nashville State Community College, Nashville, TN

Clarissa Guerra, McAllen High School, McAllen, TX

Amber Guerrero, Sidney Lanier High School, San Antonio, TX

Crawford Higgins, McAllen High School, McAllen, TX

Samantha Luna, Sidney Lanier High School, San Antonio, TX

Martin Martinez, Business Education Technology Academy, Edinburg, TX

Jennifer Morales, La Academia: Lancaster Partnership Charter School, Lancaster, PA

Elida Christina Muñoz, Business Education Technology Academy, Edinburg, TX

Anthony Riddick, Dunbar Pre-Engineering High School, Washington, DC

Kacey Ryan, Cathedral City High School, Cathedral City, CA

Dan Sorgen, West Bloomfield High School, West Bloomfield, MI

Victoria Valdez, Edinburg High School, Edinburg, TX

Albert Ware, West Bloomfield High School, West Bloomfield, MI

Amy Weaver, Michael Berry Career Center, Dearborn, MI

Ashton Williams, La Academia: Lancaster Partnership Charter School, Lancaster, PA

Christina Zerda, Edinburg High School, Edinburg, TX

Are you wondering what Ford PAS students and Alumni think about the Ford PAS program? Come and learn about their experience and have an open dialogue with them. During the session students will provide brief presentations and will entertain questions from session participants.

Guided Tour of the Ford PAS Print Material

Lynnette Rodriguez, Elk Grove Unified School District, Elk Grove, CA

Anne Shure, Education Development Center, Newton, MA

Are you aware of the “nuts and bolts” of the Ford PAS program and the print material? Have you wondered what types of adaptations you could make? Can you use the material if you have block schedules? This session will include: (1) the exploration of the print curriculum materials; (2) a hands-on discovery of the material; and (3) an opportunity to win a prize by applying what you learn in the session.

Guided Tour of the Ford PAS Web site and Online Forum

Angela Polk, Ford Motor Company Fund, Dearborn, MI

Sonya Tung, Education Development Center, Washington, DC

Are you using all the resources and new features on the Ford PAS web site? Did you know that you could engage in a live chat with your Ford PAS community on the Online Forum? This session will include: (1) the exploration of the Ford PAS web site; (2) a hands-on discovery of key web site features and resources for the Ford PAS program; and (3) an opportunity to apply what you learn in a fun game you’ll wish didn’t end.

Millennials in the Workplace: Plenary

Rick Delano, SMS, LLC, Bridgehampton, NY

Learn about today’s youth generation, known as Millennials, they are our newest workers, teachers, voters, military recruits, and younger parents. We know them as our sons and daughters, perhaps as our grandchildren. What you will learn about them as a generation will surprise, intrigue, inspire and inform you.

Ford PAS Curriculum Themes:

Data, Decisions and Design

Cindy Andersen, Advanced Technology Academy, Dearborn, MI

Phyllis Baca, Santa Fe Community College, Santa Fe, NM

Jamie Cisneros, Edinburg High School, Edinburg, TX

Verónica Moreno-Nicholas, Cathedral City High School, Cathedral City, CA

Steven Wachira, Dunbar Pre-Engineering High School, Washington, DC

Ford PAS Students

Anthony Riddick, Dunbar Pre-Engineering High School, Washington, DC

Kacey Ryan, Cathedral City High School, Cathedral City, CA

Victoria Valdez, Edinburg High School, Edinburg, TX

Christina Zerda, Edinburg High School, Edinburg, TX

Foundations in 21st Century Skills

Sal Flores, McAllen High School, McAllen, TX

Donna Gilley, Metro Nashville Public Schools, Nashville, TN

Ford PAS Students

Antwon Crutcher, Nashville State Community College, Nashville, TN

Clarissa Guerra, McAllen High School, McAllen, TX

Crawford Higgins, McAllen High School, McAllen, TX

Getting Smart about Business

Louisa Benavidez, Business Education Technology Academy, Edinburg, TX

Sarah Cahill, Horizon Community Learning Center, Phoenix, AZ

Jen Clarke, Education Development Center, New York, NY

Leah Felcher, Felcher First Class Consulting, Stockbridge, GA

Ford PAS Students

Martin Martinez, Business Education Technology Academy, Edinburg, TX

Elida Christina Muñoz, Business Education Technology Academy,

Edinburg, TX

Data, Decisions, and Design

Technology and
Engineering

- From Data to Knowledge (9)
- Reverse Engineering (10)
- Different by Design (11)

Session Descriptions continued...

Foundations in 21st Century Skills

- From Concept to Consumer: Building a Foundation in Problem-Solving (1)
- Media and Messages: Building a Foundation of Communication Skills (2)
- People at Work: Building a Foundation in Research Skills (3)
- Careers, Companies, and Communities (4)

Getting Smart About Business

Business, Finance, and Marketing

- From Concept to Consumer (1)
- Media and Messages (2)
- Careers, Companies, and Communities (4)
- Calculating Your Future: Personal Finance
- Planning for Business Success (7) OR Planning for Business Success, (7, math enriched)

Amy Weaver, Michael Berry Career Center, Dearborn, MI

Ford PAS communities across the country are increasingly using all or some of the modules from the following Ford PAS curriculum themes: **Data, Decisions and Design; Foundations in 21st Century Skills; and Getting Smart about Business.** These themes have been updated from last year to reflect the Ford PAS community feedback and implementation information. Once again, three sessions, offered concurrently, will focus on the Ford PAS content themes. Each of these sessions will include: (1) connections to the real world and local community, (2) a hands-on activity from a relevant module led by a current Ford PAS teacher and/or partner; (3) a panel discussion with experienced Ford PAS community representatives who have used or supported the use of those modules with different student populations; (4) and presentations by Ford PAS students and alumni who have experienced the modules.

Ford PAS Post-Secondary Implementation Models and Articulation Agreements

Phyllis Baca, Santa Fe Community College, Santa Fe, NM

Dan Garcia, Mercedes High School, Mercedes, TX

Barry Hawthorne, Advanced Technology Academy, Dearborn, MI

Dr. Rodney Lowman, Lake Superior State University, Sault Ste. Marie, MI

Susan Mann, Bluefield State College, Bluefield, WV

Christina Salas, Region One ESC, Edinburg, TX

Did you know that the post-secondary community is also implementing the Ford PAS curriculum? During this session you will learn about their models and why they decided to use the curriculum with their students, and you will hear about several local articulation agreements for Ford PAS. You will have the opportunity to explore how you can replicate these models in your community and create a pipeline for students in your region.

Marketing Ford PAS in Your Community: Creating a Message Matrix

Randall H. Duckett, A3 Creative Group, Powell, TN

Sandra Nicholls, Ford PAS, Dearborn, MI

Every local Ford PAS program needs a comprehensive communications plan to build support among students, parents, educators, employers, policymakers, and others. The session will start by introducing “The Seven “A”s of Effective Marketing, including a focus on branding. It will continue with an exercise in which you will be asked to identify the key target audiences you want to reach in your community. You will then brainstorm targeted messages for each constituency, channels to reach each constituency, barriers to reaching each constituency, and ways to overcome those barriers. You will walk away with a rough draft of a message matrix for your community, which is one of the key components of a comprehensive communications plan. You will also have the chance to ask questions of communications experts about any aspect of marketing Ford PAS at the state, regional, or local level.

Nips, Tucks, and Tweaks: Enhancing the Ford PAS Experience

Cindy Andersen, Advanced Technology Academy, Dearborn, MI

Gilbert Maldonado, University of Texas-Pan American, Edinburg, TX

Kim McNulty, CVEP Career Pathways Initiative, Indio, CA

Charlie Mojkowski, Big Picture Company, Cranston, RI

Gina Morrissey, Arizona State University, Phoenix, AZ

Kate Soderstrom, West Bloomfield High School, West Bloomfield, MI

Ernesto Villarreal, University of Texas-Pan American, Edinburg, TX

A small group of Ford PAS users is working on new proposed initiatives for Ford PAS in business engagement, professional development and support, parent information and involvement, and middle school applications. You will learn about these proposed projects, have an opportunity to contribute to the design, and learn how you can get involved in the work going forward.

Session Descriptions continued...

Student Track

Ford PAS Students and Alumni

Ford PAS high school students and Ford PAS college alumni from across the country will attend the conference as part of a parallel track. Participants in the student track will engage in learning experiences that exemplify the active, hands-on teaching and learning approach of Ford PAS. They will work together to create community service challenge projects. Students will work in teams to identify a challenge in their local community. They will develop a solution, write a business plan, and implement the solution they create. Students will present their proposals during the closing plenary session, where conference participants will vote on the best proposal—You don't want to miss it.