

FCPN Annual Symposium

January 16-18, 2019 Hutchinson Shores Resort & Spa







Welcome

to the Florida Career Pathway Network
Annual Symposium
2019

As President of the Florida Career Pathways Network, it is my pleasure to welcome you to the 2019 Florida Career Pathways Network (FCPN) Symposium. We are excited that you joined us in the beautiful Hutchinson Shores Resort & Spa, in Martin County. Our theme this year is "Catch the Wave of Career Pathways."

Our organization is a true collaboration of outstanding educators and business partners from across the state of Florida, who strive to ensure students at every level can be prepared to enter a wide variety of industries, and meet their career goals.

During your time at the symposium, I encourage you to participate in the general sessions, attend the Best Practice presentations and network among colleagues. The relationships that you build and strengthen at this symposium can create an everlasting impact on student achievement.

Enjoy the Symposium!

Chris Jargo President, Florida Career Pathways Network (FCPN)





Symposium Schedule

Wednesday	Pre-Conference Check-In (Sea Turtle Foyer)	11:00 – 11:30 a.m.
January 16, 2019	Pre-Conference & Board Lunch (Loggerhead A)	11:30 – 12:30 p.m.
	Pre-Conference (Tarpon/Wahoo)	12:30 – 4:00 p.m.
	FCPN Board Prep Meeting (Loggerhead B & C)	1:00 – 3:00 p.m.
	Conference Check-In (Sea Turtle Foyer)	2:00 – 6:00 p.m.
	FCPN General Board Meeting (Loggerhead B & C)	3:00 – 5:00 p.m.
	Networking (Dunes Beach Bar & Pool) All Conference Attendees Invited Hors d'oeuvres Reception	6:00 – 8:00 p.m.
Thursday	Conference Check-In for New Arrivals (Sea Turtle Foyer)	7:30 – 11:30 a.m.
January 17, 2019	"Good Morning" Gathering (Sea Turtle)	7:30 – 8:15 a.m.
	Welcome and Opening Session (Sea Turtle)	8:30 – 9:30 a.m.
	Welcome & Pledge of Allegiance Chris Jargo, President Florida Career Pathways Network	
	Local Greetings Dr. Ginger Featherstone, Deputy Superintendent Martin County	
	FLDOE Updates Carol Bailey Director Adult Education Heather Conley Career Planning Program Spec. Federal &	State Initiatives
	Breakout Session 1	9:45 – 10:30 a.m.
	Breakout Session 2	10:45 – 11:30 a.m.
	General Session & "Best Practices" Awards Luncheon (Sea Turtle) Local Greetings	11:30 – 1:45 p.m.
	Nicholas H. Brown, D.B.A Indian River State College	
	Keynote Speaker Dr. Michael Armbruster, Associate Superintendent for CTE Orange County Public Schools	
	National Greetings Claudia Maness, NCPN Representative	
	Presentation of the 2019 Florida Career Pathways Best Practice Awards Chris Jargo, President Florida Career Pathways Network	
	Breakout Session 3	2:00 – 2:45 p.m.
	Breakout Session 4	3:00 – 3:45 p.m.
Friday January 18, 2019	"Good Morning" Gathering (Sea Turtle)	7:30 – 8:15 a.m.
	Breakout Session 5	8:30 – 9:15 a.m.
	Breakout Session 6	9:30 – 10:15 a.m.

10:30 – 11:25 a.m.

CareerSource Suncoast - Employer Panel (Sea Turtle)

Breakout Sessions "at a glance"

Thursday, January 17, 2019

Breakout Session 1 9:45 a.m.-10:30 a.m.

Using Hands-on Learning Aids and Simulation to Teach Animal Science for Agriculture Education

Presenter (s): Jamey McIntosh, Product Marketing Manager, Realityworks, Inc.

Room: Cobia

The Art of the Crosswalk

Presenter (s): Terrance Moore, CEO, Moore

Solutions, Inc

Room: Tarpon

Pine Forest High School Cyber Security Career Academy

Presenter (s): Angela Irby, PFHS Academy Teacher and Randy Ramos CEO GBSI, Escambia County School District

Room: Wahoo

Industry Tours: A Strategy that Works to Spark Girls' Awareness about STEM Careers

Presenter (s): Dr. Marilyn Barger, Executive Director, PI. and Danielly Orozco-Cole, Associate Director, Florida Advanced Technological Education Center (FLATE)

Room: Loggerhead A

Introducing Coding to CTE Curricula

Presenter (s): Dr. Chrys Panayiotou, Executive Director

Room: Loggerhead B

Operation Mindset: Mindset Drives Growth Part 1

Presenter (s): Jeannine Schloss (Senior Regional Director) and Chris Brignolle (Manager, Programs), NFTE (Network for Teaching Entrepreneurship)

Room: Loggerhead C



Breakout Session 2 10:45 a.m.-11:30 a.m.

Manufacturing Day Student Tours: A Great Way to Celebrate STEM and CTE Pathways

Presenter (s): Marilyn Barger and Danielly Orozco, Florida Advanced Technological Education Center of Excellence (FLATE) and SDHC: Elizabeth Simpson

Room: Cobia

The "Music" in You

Presenter (s): Martie Lovely, Sunrise High School

Room: Tarpon

Soft Skills - A Critical Component of the Pathway to Success

Presenter (s): Erik Christensen - Dean, Applied Sciences & Technologies and Dr. Michele Heston -Dean, Health Sciences, South Florida State College

Room: Wahoo

Beyond the Academic Benefits of a Summer Internship

Presenter (s): Lupe Ferran Diaz, Ph.D.Executive
Director, Diana Collingwood, Instructional Supervisor,
Christina Delgado- Ruiz, Instructional Supervisor,
Cynthia Guillama, Curriculum Support Specialist,
Sonia Samaroo, Curriculum Support Specialist and
Gayla S. Sutton-Williams, Miami-Dade County Public
Schools Department of CTE

Room: Loggerhead A

Integrated Education and Training (IET) and Basic Skills Requirements

Presenter (s:) Carol Bailey and Lisa Williams, FL Dept. of Education

Room: Loggerhead B

Operation Mindset: Mindset Drives Growth Part 2

Presenter (s): Jeannine Schloss (Senior Regional Director) and Chris Brignolle (Manager, Programs), NFTE (Network for Teaching Entrepreneurship)

Breakout Sessions "at a glance"

Thursday, January 17, 2019

Breakout Session 3 2:00 p.m.-2:45 p.m.

Career Pathways: The Building Blocks for Creative Partnerships between Education, Employers and Community

Presenter (s): Kimberly A. Moore, Vice President for Workforce Innovation and Tandria James, Sr. Operations Administrator, CareerSource Capital Region Career Pathways Council

Room:Cobia

Exploring What Works with 5 Generations @ School + Work!

Presenter (s): Annie Clasen/CTE District Resource Teacher, Hillsborough County Public Schools

Room: Tarpon

Creating Meaningful Partnerships to Enhance Student Success

Presenter (s): Sherry Joseph-Dutton, Director of Adult Education and Niurka Garcia-Salazar, Adult Education Program Manager, Miami Dade College

Room: Wahoo

How To Train Your Proctors for Industry Certification Testing

Presenter (s): Kristine Burr/Career & Technical Education Specialist, Dr. Michael Arnett/ Director of CTE, School District of Indian River County

Room: Loggerhead A

Creating Career Pathways in CTE for StudentsWith Disabilities

Presenter (s):Cynthia A Guillama, Curriculum Support Specialist, Miami-Dade County Public Schools Department of Career and Technical Education

Room: Loggerhead B

Operation Mindset: Mindset Drives Growth Part 1

Presenter (s): Jeannine Schloss (Senior Regional Director) and Chris Brignolle (Manager, Programs), NFTE (Network for Teaching Entrepreneurship)

Room: Loggerhead C

Breakout Session 4 3:00 p.m.-3:45 p.m.

Preparing Students for the Path Ahead: Best Practices for GED Pre- and Post-Test College and Career Counseling

Presenter (s):Tonya Hardaway, Tallahassee Community College/Leon County

Room: Cobia

Recruitment and Advisement...Leads to Student Success in CTE!

Presenter (s): Jennifer Boris, A.S. Recruiter/Advisor, State College of Florida, Manatee-Sarasota

Room: Tarpon

The College Scorecard: A Tool for Educators and Parents

Presenter (s):Dr. Steven Coyle, Universal Technical Institute

Room: Wahoo

A Consortium of Innovation: How the Research CCP Consortium Established Industry Certification Transfer Secondary to Post-Secondary Credit Articulation

Presenter (s): Strather DuPree, II & Dr. Nicholas Brown,Indian River State College

Room: Loggerhead A

Full Pathway to Industry Recognized Certification for Academic Preparedness and Workforce Readiness

Presenter (s): Mindy Howa, Territory Manager for Certiport, Sonia Samaroo CTE Educational Specialist for Miami Dade County Public Schools

Room: Loggerhead B

Operation Mindset: Mindset Drives Growth Part 2

Presenter (s): Jeannine Schloss (Senior Regional Director) and Chris Brignolle (Manager, Programs), NFTE (Network for Teaching Entrepreneurship)

Breakout Sessions "at a glance"

Friday, January 18, 2019

Breakout Session 5 8:30 a.m.-9:15 a.m.

Robust Innovative Approach to Increasing Social Mobility

Presenter (s): Kevin Cooper, Dean IRSC; Tom Kindred, Director EDI IRSC; Shannon Wood; Director YouthBuild IRSC; Indian River State College

Room: Cobia

Inspire the Fire within Students using Florida's Career Planning Resources

Presenter (s): Heather Conley / Program Specialist with FL Dept. of Education

Room: Tarpon

Florida Ready to Work: The First Step on Every Career Pathway

Presenter(s) Colleen Englert, Executive Director, Florida Ready to Work

Room: Wahoo

Differentiation in a CTE Classroom

Presenter (s): Christopher Simmons, Goodheart-Willcox

Room: Loggerhead A

Robotics, Raising Curriculum Standards Using MSAP Grant

Presenter (s): Jane Whitaker, Coordinator MSAP Grant, St Lucie Public Schools, Kyle Cobb, Robotics Instructor, Fort Pierce Westwood High School, Korissa Diaz, Program Specialist, MSAP Grant, St Lucie Public Schools

Room: Loggerhead B

Grant Writing for Classroom Teachers

Presenter (s): Meghan Hess Shamdasani and Jacqueline Sonara, SouthTech Academy

Room: Loggerhead C



Breakout Session 6 9:30 a.m.-10:15 a.m.

Getting Students Hired through Community Involvement, State of the Jobs

Presenter (s): Aliesha Seitz, Director, Career and Technical Education, Lei'Nitia Robinson, Program Specialist, Career and Technical Education, Dana Caputo, Program Specialist, Career and Technical Education, St Lucie Public Schools Career and Technical Education

Room: Cobia

Redesigning Mathematics for Technical Students

Presenter (s): Kevin Cooper, Dean Advanced Technology IRSC; James Auld, Director FP&L Indian River State College

Room: Tarpon

Career Pathways Initiative

Presenter (s): Jill Marasa - Vice President of Business Retention, Economic Development Counsel of St.
Lucie County (EDC), Dr. Pamela Welmon – VP Applied Science and Technology, Indian River State College (IRSC), Upendo Shabazz – Regional VP Allegany Franciscan Ministries (AFM), Tracey McMorris – Director of Operations, CareerSource Research Coast (CSRC), Melanie George – Lincoln Park Career Consultant, Indian River State College (IRSC) Blackburn Center, Indian River State College

Room: Wahoo

Using Innovative Scheduling Procedures

Presenter (s):Evonski H. Bulger, Gadsden County Public Schools

Room: Loggerhead A

Incorporating STEM into CTE Classrooms

Presenter (s): Timothy Brown, Jacqueline Hess, Meghan Hess Shamdasani, Eddy Martinez and William Terry, SouthTech Academy

Room: Loggerhead B

Educational Resources for Infusing Emerging Technologies

Presenter (s): Dr. Chrys Panayiotou, Executive Director, LASER-TEC; Natalia Chekhovskaya Kearney, Associate Director, LASER-TEC Indian River State College

Breakout Session 1-9:45 a.m. - 10:30 a.m.

Using Hands-on Learning Aids and Simulation to Teach Animal Science for Agriculture Education

Learning is by doing, so it is important to have your students doing the learning. This can be best done by engaging students with hands-on learning aids and simulation and incorporating it into your everyday teaching. Learn and engage with hands on learning tools that have been created for Agriculture education. It is like bring the barn right into the classroom to help students better engage in Animal Science.

Presenter(s): Jamey McIntosh, Product Marketing Manager,

Realityworks, Inc.

Pathways: Secondary, Post-Secondary

Room: Cobia

The Art of the Crosswalk

High school and middle school courses that result in industry certification readiness while addressing FLDOE frameworks

Presenter(s): Terrance Moore, CEO, Moore Solutions, Inc

Pathway: Secondary Room: Tarpon

Pine Forest High School Cyber Security Career Academy

The Pine Forest High School Cyber Security Career Academy offers a four-year CTE-focused pathway designed to help students acquire education, skills, and credentials necessary to succeed in the IT and cybersecurity industry. Industry-based curriculum connected classroom technology and cloud-hosted labs enhance student success in this program.

Presenter(s): Angela Irby, PFHS Academy Teacher and Randy

Ramos CEO GBSI, Escambia County School District

Pathway: Secondary
Room: Wahoo

Industry Tours: A Strategy that Works to Spark Girls' Awareness about STEM Careers

In spite all the recruitment efforts and outreach campaigns, women representation in STEM fields continues to be low in USA. Field trips/industry tours activities provide students with the opportunity to visualize and integrate the "T and E" in STEM subjects by experiencing real high-tech world industry workplace.

One of the Florida Advanced Technological Education Center (FLATE) goals is to provide students, specially girls and minorities, with opportunities to experience real STEM workplaces, primarily those in manufacturing. During this presentation, FLATE will demonstrate how its outreach campaign "Made in Florida" Industry Tours can positively impact the perception of students. During the first part of the presentation, participants will discover what the girls experienced and determine what they like the most from their own point of view. During the second part of the session, participants will help by providing input to improve the outreach campaign to recruit more girls in STEM fields.

Presenter(s): Dr. Marilyn Barger, Executive Director, PI. and

Danielly Orozco-Cole, Associate Director, Florida Advanced Technological Education Center (FLATE)

Pathway: Post-Secondary

Room: Loggerhead A

Introducing Coding to CTE Curricula

Learn how to introduce coding to any CTE class with Adruino and the projects developed by LASER-TEC, an NSF Center of Excellence in Lasers and Fiber Optics. The activity kit and lesson plans used in our boot-camps will be explained and be available for your evaluation. After our presentation you will be able to duplicate this program at your school.

Presenter(s): Dr. Chrys Panayiotou, Executive Director
Pathways: Secondary, Post-Secondary, Adult Ed., Military

Room: Loggerhead B

Operation Mindset: Mindset Drives Growth Part 1 of 2

Entrepreneurs approach challenges and tasks with an entrepreneurial mindset (EM), a set of skills and behaviors that can be taught, practiced, and cultivated. Having an EM lays a foundation for success in life and careers. We'll engage participants in EM challenges, then discuss the activities' applications to non-cognitive instructional methodology.

Presenter(s): Jeannine Schloss (Senior Regional Director)

and Chris Brignolle (Manager, Programs), NFTE (Network for Teaching Entrepreneurship)

Pathways: Secondary, Post-secondary, Adult Education

Room: Loggerhead C

Breakout Session 2 - 10:45 a.m. - 11:30 a.m.

Manufacturing Day Student Tours: A Great Way to Celebrate STEM and CTE Pathways

Manufacturing Day/Month sponsored by the National Association of Manufacturers (NAM) for the past five years. Its tag line "opening doors, opening minds" reflects its mission: to expose students and the community to manufacturing and all the high technologies involved. This session will share how FLATE has organized a statewide effort, carried out by local stakeholders, to get students into manufacturing facilities for tours in October. Learn how all STEM /CTE disciplines can participate.

Presenter(s): Dr. Marilyn Barger and Danielly Orozco, Florida Advanced Technological Education Center of

Excellence (FLATE) and SDHC: Elizabeth Simpson

Pathways: Secondary, Post-secondary, Adult Education

Room: Cobia

The "Music" in You

To prepare a core group of youth in the varied entertainment based technology used today, building business development, additional historical information and entrepreneurial skills for independent business people.

To develop a curriculum that has positive benefit to the residents we will acquire a liaison that can assist in identifying the needs of the community, community assets, information on available community issues that must be addressed. Our partnership will develop grants, corporate gifts and in-kind services, curriculum, cadre and entrepreneurial opportunities necessary for sustainable program development.

Presenter(s): Martie Lovely, Sunrise High School

Pathway: Secondary Room: Tarpon

Breakout Session 2, cont. 10:45 a.m. - 11:30 a.m.

Soft Skills - A Critical Component of the Pathway to Success

This session will explore WHAT soft skills are, WHY they are critically important, and HOW to develop and integrate soft skills into your curriculum. Come join us for an interactive discussion focused on designing activities that promote the development of soft skills to unleash the full potential of our graduates.

Presenter(s): Erik Christensen - Dean, Applied Sciences &

Technologies and Dr. Michele Heston - Dean, Health Sciences, South Florida State College

Post-Secondary **Pathways:**

Wahoo Room:

Beyond the Academic Benefits of a Summer Internship

Learn about a paid internship model that is currently being implemented in Miami-Dade, the key lessons from implementing a paid internship program and how this model could be replicated in other areas.

Presenter(s): Lupe Ferran Diaz, Ph.D.Executive Director, Diana

Collingwood, Instructional Supervisor, Christina Delgado-Ruiz, Instructional Supervisor, Cynthia Guillama, Curriculum Support Specialist, Sonia Samaroo, Curriculum Support Specialist and Gayla S. Sutton-Williams, Miami-Dade CPS- CTE

Pathway: Secondary Room: Loggerhead A

Integrated Education and Training (IET) and Basic Skills Requirements

This Session will provide information on Adult General Education program activities, an overview of planning, designing and implementing an Integrated Education and Training (IET) Program and Basic skill exit requirements and exemptions for adult CTE students participating in an IET Program.

Presenter(s): Carol Bailey and Lisa Williams, FLDOE

Secondary, Post-Secondary **Pathways:**

Room: Loggerhead B

Operation Mindset: Mindset Drives Growth Part 2 of 2

Entrepreneurs approach challenges and tasks with an entrepreneurial mindset (EM), a set of skills and behaviors that can be taught, practiced, and cultivated. Having an EM lays a foundation for success in life and careers. We'll engage participants in EM challenges, then discuss the activities' applications to non-cognitive instructional methodology.

Presenter(s): Jeannine Schloss (Senior Regional Director)

and Chris Brignolle (Manager, Programs), NFTE (Network for Teaching Entrepreneurship)

Secondary, Post-secondary, Adult Education Pathways:

Room: Loggerhead C Share your experiences! Twitter @FCPN2019



Breakout Session 3

2:00 p.m. - 2:45 p.m.

Career Pathways: The Building Blocks for Creative Partnerships between Education, Employers and Community

Wouldn't it be great if you had all the buy-in and resources that you needed to launch a community initiative? Well, that's not likely to happen. So what are your options? Is it possible to create the synergy by leveraging your relationships? Well, here's your opportunity to hear first-hand how a volunteer committee is serving as the driving force in shaping the future of education and the workforce in their community. This workshop will renew your belief in what can be achieved through partnerships. So don't miss out on your opportunity to be inspired and motivated to take your community to the next level!

Presenter(s): Kimberly A. Moore, Vice President for Workforce

Innovation and Tandria James, Sr. Operations Administrator, CareerSource Capital Region

Career Pathways Council

Secondary, Post-secondary, Adult Education Pathways:

Room:

Exploring What Works with 5 Generations @ School + Work!

For many of us, we have five generations working side by side, each with different communication, values, motivators and career development styles. Come and share your insights on how to be successful with multi-generations in the schools and workplace in this interactive workshop.

Presenter(s): Annie Clasen/CTE District Resource Teacher,

Hillsborough County Public Schools

Pathways: Secondary, Post-secondary, Adult Ed., Military

Room:

Creating Meaningful Partnerships to Enhance Student

This presentation will describe current partnerships and the types of assistance available to eligible program participants interested in transitioning to post-secondary programs.

Presenter(s): Sherry Joseph-Dutton, Director of Adult Education

and Niurka Garcia-Salazar, Adult Education Program Manager, Miami Dade College

Adult Education Pathwav:

Room: Wahoo

How To Train Your Proctors for Industry Certification Testing

The School District of Indian River County has developed a proctor training, which includes an industry certification manual, to instruct proctors on the specific vendor requirements and the FLDOE state rules. With the new state rules, training the proctors has become a required mandate.

Presenter(s): Kristine Burr/CTE Specialist, Dr. Michael Arnett/

Director of CTE, School Dist. of Indian River County

Pathway: Secondary Room: Loggerhead A

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Creating Career Pathways in CTE for Students With Disabilities

Learn how Miami Dade County Public Schools is implementing Career Pathways for students with disabilities through successful collaborations between Career and Technical Education (CTE) and Special Education. This best practice will provide a framework for creating cross-systems collaborations which provide students with disabilities broad access to CTE Career Pathways aligned to their postsecondary transition goals.

Presenter(s): Cynthia A Guillama, Curriculum Support Specialist,

Miami-Dade County Public Schools Dept. of CTE

Pathway: Secondary **Room:** Loggerhead B

Operation Mindset: Mindset Drives Growth Part 1 of 2

Entrepreneurs approach challenges and tasks with an entrepreneurial mindset (EM), a set of skills and behaviors that can be taught, practiced, and cultivated. Having an EM lays a foundation for success in life and careers. We'll engage participants in EM challenges, then discuss the activities' applications to non-cognitive instructional methodology. Note: This is a two part session, continues through 3:45 pm

Presenter(s): Jeannine Schloss (Senior Regional Director)

and Chris Brignolle (Manager, Programs), NFTE

(Network for Teaching Entrepreneurship)

Pathways: Secondary, Post-secondary, Adult Education

Room: Loggerhead C

Breakout Session 4 - 3:00 p.m. - 3:45 p.m.

Preparing Students for the Path Ahead: Best Practices for GED Pre- and Post-Test College and Career Counseling

This presentation gives an overview of how Tallahassee Community College's Adult Education program provides pre-and post-test counseling for students enrolled in our GED program. This presentation will focus on how the four transition plans were designed to structure activities for students to choose between the workforce, college, the military, and other educational training programs as their next step. Starting from the date of registration, students are being engaged and challenged to plan for their future.

Presenter(s): Tonya Hardaway, Tallahassee Community College/

Leon County

Pathway: Adult Education

Room: Cobia

Recruitment and Advisement...Leads to Student Success in CTE!

Recruitment and advising are important factors to successful student retention and graduation in Career and Technical Education. This session will provide an overview of some recruitment events and partnerships that help assist high school CTE programs into Associate of Science programs. The presentation will highlight some strategies on how to recruit, retain, and motivate students. Join this interactive discussion where best practices will be shared.

Presenter(s): Jennifer Boris, A.S. Recruiter/Advisor, State

College of Florida, Manatee-Sarasota

Pathways: Secondary, Post-Secondary

Room: Tarpon

The College Scorecard: A Tool for Educators and Parents

As educators, we all work with parents. Career pathways have changed, but parent's expectations have not. In this workshop, learn how to deal with parents when discussing their son or daughter's educational needs as they relate to their career pathway. Learn how to leverage the college scorecard and how to use industry to help you relate to parents in a positive way.

Presenter(s): Dr. Steven Coyle, Universal Technical Institute

Pathways: Secondary, Post-Secondary

Room: Wahoo

A Consortium of Innovation: How the Research CCP Consortium Established Industry Certification Transfer Secondary to Post-Secondary Credit Articulation

The Research Coast Career Pathways Consortium (RCCP) has successfully implemented an auto-articulation system that awards students career pathways credit upon entering the state college within their region. This presentation will elaborate on and facilitate attendees with a step by step guide on how to duplicate/implement this initiative.

Presenter(s): Strather DuPree, II & Dr. Nicholas Brown, Indian

River State College

Pathway: Post-Secondary **Room:** Loggerhead A

Full Pathway to Industry Recognized Certification for Academic Preparedness and Workforce Readiness

Learn how Certiport's complete pathway will increase pass rates and student outcomes. See what new certifications are being added to provide the skills necessary in today's workforce. Learn about the curriculum offerings, practice tests and certifications and how to start a new program in your school. Learn how districts utilize various reports and stay on top of student-tracking to recognize and achieve success through their certification programs. We will share data that demonstrates how certification leads to employability and how a certification program leads to higher GPA's and graduation rates in a CTE education pathway.

Presenter(s): Mindy Howa, Territory Manager for Certiport,

Sonia Samaroo CTE Educational Specialist for

Miami Dade County Public Schools

Pathways: Secondary, Post-Secondary

Room: Loggerhead B

Operation Mindset: Mindset Drives Growth Part 2 of 2

Continuing session: Entrepreneurs approach challenges and tasks with an entrepreneurial mindset (EM), a set of skills and behaviors that can be taught, practiced, and cultivated. Having an EM lays a foundation for success in life and careers. We'll engage participants in EM challenges, then discuss the activities' applications to non-cognitive instructional methodology.

Presenter(s): Jeannine Schloss (Senior Regional Director)

and Chris Brignolle (Manager, Programs), NFTE (Network for Teaching Entrepreneurship)

Pathways: Secondary, Post-secondary, Adult Education

Breakout Session 5 - 8:30 a.m. - 9:15 am.

Robust Innovative Approach to Increasing Social Mobility

Understanding, addressing, and solving social mobility issues are key to long term economic prosperity. IRSC will discuss how they aligned regional stakeholders into a common vision and direction to address 3 keys factors college readiness (numeracy and literacy), money, and belief of belonging.

This successful work couples financial and institutional resources from grants (Department of Labor YouthBuild), regional associations (Treasure Coast Manufacturing Association), industry (Florida Power & Light), regional municipalities (City of Ft. Pierce and St. Lucie County), and regional agencies (Career Source Research Coast & SLC EDC) into a robust critical mass capable of addressing large scale societal issues.

Presenter(s): Kevin Cooper, Dean IRSC; Tom Kindred, Director

EDI IRSC; Shannon Wood; Director YouthBuild IRSC;

Indian River State College

Pathway: Post-Secondary

Room: Cobia

Inspire the Fire within Students using Florida's Career Planning Resources

Come learn about MyCareerShines, Florida's official career and education planning system powered by a suite of age-appropriate planning tools. Florida residents, secondary and postsecondary students can assess their interests, identify and explore career pathways, explore postsecondary options and prepare for work. We will share how these online tools, plus additional resources, can help your students and adults succeed.

Presenter(s): Heather Conley / Program Specialist with FLDOE
Pathways: Secondary, Post-secondary, Adult Ed., Military

Room: Tarpon

Florida Ready to Work: The First Step on Every Career Pathway

Florida Ready to Work is a research-based, employer-driven workforce education solution focused on the development and credentialing of the foundational career readiness and soft skills required for most jobs today. The program prepares students for industry certification, apprenticeship, internship, and employment. Fully-funded by the State of Florida, there is no cost to participate, and high schools are eligible for performance funding of up to \$30 per student this year.

Presenter(s): Colleen Englert, Executive Director, Florida Ready

to Work

Pathways: Secondary, Post-secondary, Adult Ed., Military

Room: Wahoo



Differentiation in a CTE Classroom

This presentation provides an overview of meeting student needs in a CTE classroom. Participants will learn to address the various strategies required to build capacity in a CTE classroom and to assist students in achieving successful certification. More specifically, the "process" will close learning gaps and increase purposeful planning that results in student success.

Presenter(s): Christopher Simmons, Goodheart-Willcox

Pathway: Secondary **Room:** Loggerhead A

Robotics, Raising Curriculum Standards Using MSAP Grant

Implementing a Robotics Program requires collaboration between teachers, administration and community partners resulting in increased student engagement, increased student recruitment, enhanced curriculum, and having fun along the way!

Presenter(s): Jane Whitaker, Coordinator MSAP Grant, St Lucie

Public Schools, Kyle Cobb, Robotics Instructor, Fort Pierce Westwood High School, Korissa Diaz, Prog. Specialist, MSAP Grant, St. Lucie Public

Schools

Pathway: Secondary Room: Loggerhead B

Grant Writing for Classroom Teachers

Since SouthTech Academy founded its grant writing committee in 2015, the group has earned over \$300,000 in grant funding and in-kind donations for classroom teachers. By developing a culture of collaboration with both academic and career academy teachers, we have secured funding for in-school and after school programs. Many teachers have used our work as a template for their own grant writing success, increasing student access to a high quality CTE education.

Presenter(s): Meghan Hess Shamdasani and Jacqueline Sonara,

SouthTech Academy

Pathway: Secondary
Room: Loggerhead C

Breakout Session 6 - 9:30 a.m. - 10:15 a.m.

Getting Students Hired through Community Involvement, State of the Jobs

St Lucie Public Schools collaborated with the Economic Development Council and the community to highlight local employment opportunities to high school seniors.

Presenter(s): Aliesha Seitz, Director, Career and Technical

Education, Lei'Nitia Robinson, Program Specialist, CTE, Dana Caputo, Program Specialist, CTE, St.

Lucie Public Schools CTE

Pathway: Secondary Room: Cobia

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Breakout Session 6, cont. - 9:30 a.m. - 10:15 a.m.

Redesigning Mathematics for Technical Students

Students especially from minority and low socioeconomic groups often possess the technical aptitude required in technical discipline but numeracy deficiencies frequently lead to underrepresentation in technical programs and the workforce. This session describes a successful replicated approach to eliminate math as a barrier to entry and roadblock to completion. This work developed by RCNET, an NSF ATE Center, was piloted at IRSC and has been replicated at 14 participating schools. Across the nation, this work has moved the equity and completion needles. At IRSC, this approach allowed IRSC to triple the minority representation in engineering technology programs while maintaining a 95% completion percentage. In addition, this work has been featured by the ASPEN Institute, NSF, AACC, FL's Chancellor, and Diverse Magazine.

Presenter(s): Kevin Cooper, Dean Advanced Technology IRSC;

James Auld, Director FP&L Indian River State

College

Pathway: Post-Secondary

Room: Tarpon

Career Pathways Initiative

The Career Pathways Initiative is an avenue to address the Lincoln Park Community need for quality jobs and livable wages, a safe and healthy neighborhood, and building infrastructure and capacity. Using the strength of partnerships, five programs came together to develop The Career Path Initiative. Each of the partners are tasked with a specific role. The Economic Development Council (EDC) will conduct the program review and coordination of employer engagement. Indian River State College (IRSC) will provide the Blackburn educational facility, Certified Nursing Assistant (CAN) program, and facilitate training through IRSC's Corporate and Community Training institute (CCTI). Career Source Research Coast (CSRC) will serve as a training provider and will coordinate employer engagement and provide funding to qualifying individuals. Allegany Franciscan Ministries of Florida (AFMFL) will provide the funding to establish the initiative. Treasure Coast Manufacturing Association (TCMA) will provide information on employment opportunities and serve as a resource.

The Career Pathways Initiative offers industry specific training and opportunities to 176 participants in a two-year span for employment in St. Lucie County targeted industry sectors, including manufacturing, distribution, and healthcare. receive basic care for hospitals, nursing homes, physicians' offices, clinics and in-home care.

Presenter(s): Jill Marasa - Vice President of Business Retention,

Economic Development Counsel of St. Lucie County (EDC), Dr. Pamela Welmon – VP Applied Science and Technology, Indian River State College (IRSC), Upendo Shabazz – Regional VP Allegany Franciscan Ministries (AFM), Tracey McMorris – Director of Operations, CareerSource Research Coast (CSRC), Melanie George – Lincoln Park Career Consultant, Indian River State College (IRSC) Blackburn Center, Indian River

State College

Pathways: Post-Secondary, Adult Education

Room: Wahoo

Using Innovative Scheduling Procedures

This session will be designed to help the school's Director, Principal and/or Curriculum Coordinator in small school districts navigate the challenging process of developing a schedule to support the successful implementation of small learning communities. Also, this session's resource will be helpful to the smaller schools and district leaders involved in making scheduling preparations for their students in the secondary and Adult Education programs of study. This could very well be a common reference point as participants engage in local planning processes.

Presenter(s): Evonski H. Bulger, Gadsden County Public Schools

Pathways: Secondary, Post-Secondary

Room: Loggerhead A

Incorporating STEM into CTE Classrooms

In an effort to integrate academic and CTE programs, SouthTech Academy has fostered the creation of interdisciplinary lessons, weaving together Math, ELA, Science and CTE standards. These lessons are created by teachers working together, both in official professional learning communities and through after school enrichment programs. The majority of these lessons are centered around best practices in education such as: differentiation and the adoption of a growth mindset.

Presenter(s): Timothy Brown, Jacqueline Hess, Meghan Hess

Shamdasani, Eddy Martinez and William Terry,

SouthTech Acad.

Pathway: Secondary Room: Loggerhead B

Educational Resources for Infusing Emerging Technologies

Embedding new technologies into traditional curriculum is critical in ensuring that students develop necessary knowledge and skills essential in the modern world. LASER-TEC, a National Science Foundation Advanced Technological Center, has developed a series of resources to help educators seamlessly introduce emerging technologies such as photonics, lasers, and fiber optics into CTE and overall STEM curriculum. The improved Light and Optics Exploration Kit contains all necessary components to introduce students to the fundamentals of laser technology, laser safety, selected chapters of optics and includes a lesson plans for 18 hands-on explorations. In addition to Florida Science Standards, all lesson plans are now cross-referenced to the Next Generation Science Standards. For educators and students ready to take a deeper dive into exploration of these technologies, LASER-TEC offers the Experiment Kit and Laboratory Manual for 26 experimentations. During this session, presenters will introduce these resources and discuss LASER-TEC workshop opportunities available for CTE teachers at no cost.

Presenter(s): Dr. Chrys Panayiotou, Executive Director, LASER-TEC; Natalia Chekhovskaya Kearney, Associate Director, LASER-TEC Indian River State

College

Pathways: Secondary, Post-secondary, Adult Education







GENERAL SESSION KEYNOTE SPEAKER

Dr. Michael Armbruster

Associate Superintendent for Career and Technical Education
Orange County Public Schools

Dr. Michael Armbruster is in his 32nd year with Orange County Public Schools (OCPS), Florida, serving as a teacher, coach, assistant principal, principal and currently the Associate Superintendent for Career and Technical Education. As a principal, he served at three high schools over thirteen years, with populations varying from 2700-4400 students. He had the opportunity to serve at a well-established comprehensive high school, West Orange HS; plan, build and open another large comprehensive high school, Ocoee HS; and rebuild yet another one, University HS, all right here in OCPS, the ninth largest district in the nation with more than 210,000 students in K-12.

Recognitions over his career include a Governor's appointment to the Florida Concrete Masonry Education Council (2017), the National Association of Women in Construction Central Florida Chapter Supporter of the Year (2016), the West Orange Chamber of Commerce George Bailey Award (2016), the Orange County Association of School Administrators Principal of the Year (2013), the Orange County PTSA High School Principal of the Year (2011), the Orange County Counselors Association Secondary Principal of the Year (2009), the Florida Association of Student Councils Principal of the Year (2008), Winter Garden Elk's Lodge Outstanding Educator of the Year Award for 1998-1999, and the Westside Vocational Technical Center Teacher of the Year award way back in 1993.

He has been married to his wife Sandi for 34 years and they are the proud parents of their beautiful daughter Jennifer, who graduated from Georgia Tech in 2015 and is currently an industrial engineer with Mars, Incorporated in Chicago.





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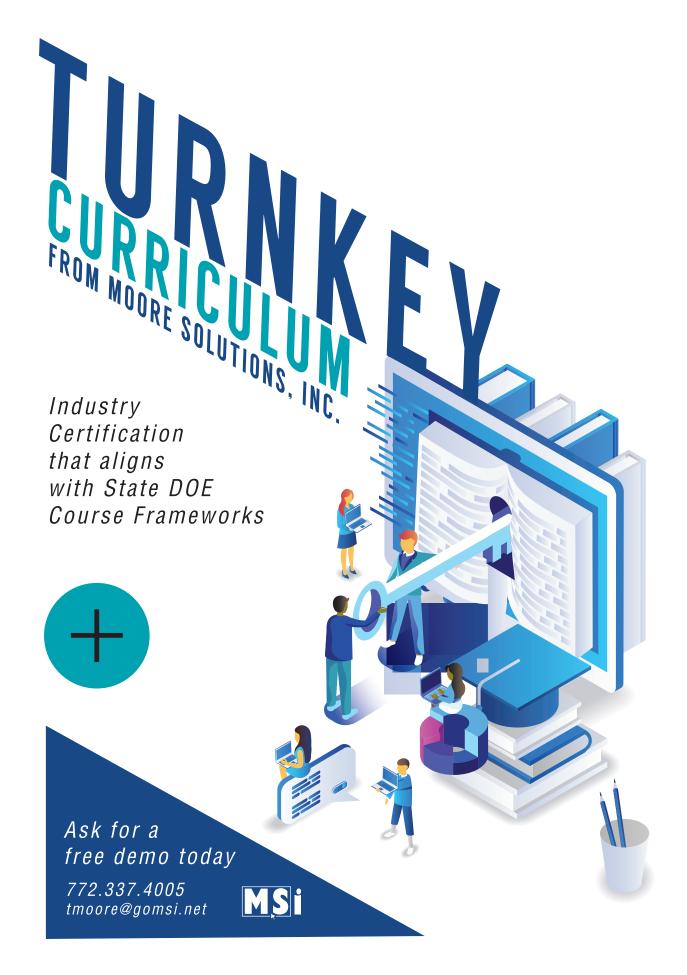
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EMPLOYER PANEL

FRIDAY, JANUARY 18, 2019 10:30 A.M. - 11:25 A.M. SEA TURTLE

MODERATED BY:

CHRIS LANEY

DIRECTOR OF EDUCATION & COMMUNITY INVESTMENT FOR CAREERSOURCE SUNCOAST. **BOARD MEMBER - FCPN**

PANELISTS:

PRASHANTH PILLY

ASSISTANT DEAN OF BUSINESS TECHNOLOGY AT INDIAN RIVER STATE COLLEGE

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Notes

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National Career Pathways Network NCPN 2019 Network Conference October 11-13, 2019 Renaissance Orlando at Seaworld



More information @ www.ncpn.info



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Join CareerSource Suncoast @ Employer Panel 2019 Friday, January 19, 2019 10:30 a.m. - 11:25 a.m - Sea Turtle





Join us for **Differentiation in a CTE Classroom**

Friday, January 18 • 8:30 – 9:15 a.m.

Christopher Simmons Educational Consultant, Florida K-12









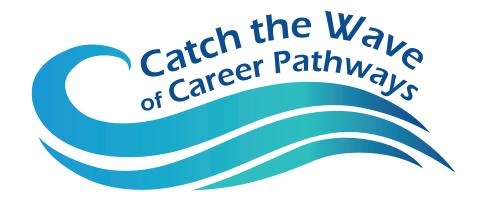
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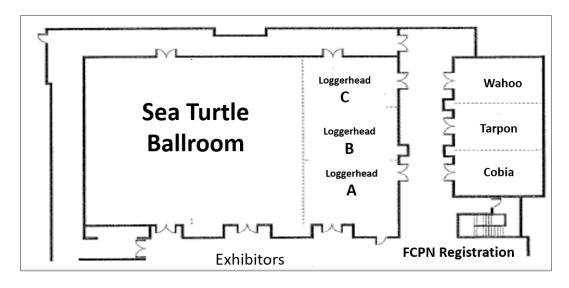




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